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Irving Middle School Major Modernization Project



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December 2023 | Initial Study
Irving Middle School
Major Modernization Project



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December 2023 | Initial Study

IRVING MIDDLE SCHOOL

Major Modernization Project

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Abbreviations and Acronyms

AAQS	ambient air quality standards
AB	Assembly Bill
ADA	Americans with Disabilities Act
AIC	Ampere Interrupting Capacity
ALUC	airport land use commission
amp	ampere
ANSI	American National Standards Institute
APN	Assessor Parcel Number
AQMP	air quality management plan
ARMR	Archaeological Resource Management Report
ASTM	American Society for Testing and Materials
bgs	below ground surface
BMP	best management practice
BOE	[LAUSD] Board of Education
BUG	Backlight-Uplight-Glare
CalEEMod	California Emissions Estimator Model
CAL FIRE	California Department of Forestry and Fire Prevention
CALGreen	California Green Building Code
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CCR	California Code of Regulations
CDE	California Department of Education
CDFW	California Department of Fish and Wildlife
CERS	California Environmental Reporting System
CEQA	California Environmental Quality Act
CFCs	hydrofluorocarbons
CGP	construction general permit
CGS	California Geological Survey
CH ₄	methane
CHPS	Collaborative for High Performance Schools
CHRIS	California Historical Resources Information System
CIFF	California Important Farmland Finder
CIWMP	Countywide Integrated Waste Management Plan

Abbreviations and Acronyms

CMP	Los Angeles County Congestion Management Program
CNDDDB	California Natural Diversity Data Base
CNPS	California Native Plant Society
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CREC	controlled environmental condition
CRHR	California Register of Historical Resources
CUPA	certified Unified Program agency
dB	decibels
dBA	A-weighted decibels
District	Los Angeles Unified School District
DBH	diameter at breast height
DPM	diesel particulate matter
DSA	Division of the State Architect (under the California Department of General Services)
DTSC	Department of Toxic Substances Control
DX	direct expansion
ECHO	Enforcement and Compliance History Online
EDR	Environmental Data Resources, Inc.
EIR	environmental impact report
EOP	Emergency Operations Plan
EPA	U.S. Environmental Protection Agency
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FINDS	Facility Index System
FMMP	Farmland Mapping and Monitoring Program
FTA	Federal Transportation Authority
FTTS	EPA's Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA)/Toxic Substances Control Act (TSCA) Tracking System, which tracks administrative cases and pesticide enforcement actions and compliance activities related to these acts and the Emergency Planning and Community Right-to-Know-Act (EPCRA). The FTTPS INSP database contains a listing of FTTS inspections and enforcements.
FU	fixture unit

Abbreviations and Acronyms

FY	fiscal year
GHG	greenhouse gases
GWP	global warming potential
HABS	Historic American Buildings Survey
HAZNET	A California Department of Toxic Substances Control database that records annual hazardous waste shipments, as required by RCRA. All businesses that use and dispose of hazardous materials are entered into the database.
H&SC	California Health and Safety Code
HCFCs	perfluorocarbons
HCP	habitat conservation plan
HQTA	high-quality transit area
HRA	health risk assessment
HREC	historical recognized environmental condition
HRER	Historic Resource Evaluation Report
HVAC	heating, ventilation, and air/conditioning
I	Interstate
ICS	Incident Command System
IES	Illuminating Engineering Society
in/sec	inches per second
IP	Internet Protocol
IPCC	Intergovernmental Panel on Climate Change
Irving MS	Irving Middle School
K	kindergarten
LACFD	Los Angeles County Fire Department
LADOT	City of Los Angeles Department of Transportation
LADWP	City of Los Angeles Department of Water and Power
LAFD	City of Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
LAPD	City of Los Angeles Police Department
LAPL	Los Angeles Public Library
LARWQCB	Los Angeles Regional Water Quality Control Board
LASPD	Los Angeles School Police Department
LAUSD	Los Angeles Unified School District

Abbreviations and Acronyms

L _{dn}	day-night average sound level
LED	light-emitting diode
L _{eq}	equivalent continuous sound pressure
LLG	Linscott, Law & Greenspan, Engineers
L _{max}	maximum sound level
LOS	level of service
LRA	Local Responsibility Area
LZ	lighting zone
M&O	Maintenance and Operation
MBTA	Migratory Bird Treaty Act
MEP	maximum extent practicable
Metro	Los Angeles County Metropolitan Transportation Authority
mgd	million gallons per day
MLO	Model Lighting Ordinance
MND	mitigated negative declaration
mph	miles per hour
MRZ	mineral recovery zone
msl	mean sea level
MT	metric ton
MTCO _{2e}	metric ton of CO _{2e}
MUTCD	California Manual on Uniform Traffic Control Devices
MW	megawatts
MWD	Metropolitan Water District of Southern California
MRZ	Mineral Resource Zone
N ₂ O	nitrous oxide
NAHC	Native American Heritage Commission
NCCP	natural community conservation plan
ND	negative declaration
NIMS	National Incident Management System
NMFS	National Marine Fisheries Service
NO ₂	nitrogen dioxide
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places

Abbreviations and Acronyms

NWI	National Wetlands Inventory
O ₃	ozone
OCPs	organochlorine pesticides
OEHS	Office of Environmental Health and Safety
OHP	Office of Historic Preservation
OPSC	California Office of Public School Construction
OSHA	Occupational Safety and Health Administration
PAHs	polyaromatic hydrocarbons
PEA-E	Preliminary Environmental Assessment Equivalent
Pb	lead
PCBs	polychlorinated biphenyl
pCl/L	picocuries per liter
PDF	project design features
PF	Public Facilities [zoning designation]
Phase I ESA	Phase I Environmental Site Assessment [for hazardous materials]
PM ₁₀	coarse inhalable particulate matter
PM _{2.5}	fine inhalable particulate matter
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
PSHA	pipeline safety hazard assessment
PWA	Public Works Administration
Q	quarter
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
RPS	renewables portfolio standard
RTP	regional transportation plan
RWQCB	regional water quality control board
SAB	State Allocation Board
SB	Senate Bill
SC	Standard Condition [of Approval]
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District

Abbreviations and Acronyms

SCCIC	South Central Coastal Information Center
SCS	sustainable communities strategy
SEMS	California Standardized Emergency Management System
SF ₆	sulfur hexafluoride
SO ₂	sulfur dioxide
SoCAB	South Coast Air Basin
SoCalGas	Southern California Gas Company
SOPs	standard operating procedures
SPED	Special Education
SR	State Route
SR2S	Safe Routes to School
SRA	State Responsibility Area
SRP	Soil Removal Plan
SRTS	Safe Routes to School
STEAM	science, technology, engineering, art, and mathematics
SUP	School Upgrade Program
SUSMP	Standard Urban Stormwater Mitigation Plan
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TPH	total petroleum hydrocarbons
UCL	Upper Confidence Limit
U.S.	United States
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UWMP	Urban Water Management Plan
V	volts
V/C	volume-to-capacity ratio
VHFHSZ	very high fire hazard severity zone
VMT	vehicle miles traveled
VOC	volatile organic compounds

Abbreviations and Acronyms

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1. Introduction

1.1 OVERVIEW

The Los Angeles Unified School District (LAUSD or District) is proposing a major modernization of Washington Irving Middle School (Irving MS), located at 3010 Estara Avenue, City of Los Angeles, Los Angeles County, California. Major Modernization Projects are designed to address the most critical physical needs of the building and grounds at the Washington Irving Middle School campus (Campus) through building replacement, renovation, modernization, and reconfiguration. The proposed Irving MS Major Modernization Project (Project) is required to undergo an environmental review pursuant to the California Environmental Quality Act (CEQA). This Initial Study provides an evaluation of the potential environmental consequences associated with this proposed Project.

1.2 BACKGROUND

The bond program began in 1997 with the initial focus on addressing overcrowded conditions—including the use of year-round multitrack calendars and busing of students to less crowded campuses—by providing new schools with traditional calendars. This goal was met with the opening of 131 new schools for K–12 students, allowing students to attend schools in their neighborhoods operating on a two-semester, single-track calendar. Since the completion of the New School Construction Program, the District’s focus has shifted from constructing new facilities to correct decades of overcrowding, to now addressing aging existing school facilities. The District’s priority is to upgrade existing facilities and provide additional facilities to achieve the educational benefits of smaller learning environments.¹

In 2014, the District embarked on a new bond program known as the School Upgrade Program (SUP). Projects developed under the SUP framework focus on upgrading, modernizing, and replacing aging and deteriorating school facilities; updating technology; and addressing facilities inequities. Initially in 2014, \$7.85 billion was allocated for the development of projects. Over the course of the last 7 years, new sources of funds have been allocated to the program, increasing the total amount of funds to support the development of projects to \$9.2 billion. To date, nearly 2,000 projects valued at approximately \$1.5 billion have been funded by the SUP and completed by LAUSD Facilities, and nearly 690 additional projects valued at approximately \$5.4 billion are underway.

Measure RR was recently passed in 2020 to help address the significant and unfunded needs of Los Angeles public school facilities. Measure RR is a \$7 billion bond measure aimed at continuing the funding for improvement of facilities and technology, upgrade of existing facilities, as well as increased safety measures amid the COVID-19 pandemic. In August 2021, the LAUSD Board of Education (BOE or Board) updated

¹ LAUSD Facilities Services Division, 2023, Strategic Execution Plan, p. 1.

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the SUP to allocate the Measure RR funds, adjusted the categories and spending targets within the program, and approved the Measure RR Implementation Plan.

The bond program is now focused on improving equity between newer and older schools so that every student has an equal opportunity for success. The updated SUP framework and the Measure RR Implementation Plan reflect the goals of and priorities for Measure RR, as outlined in the bond language approved by voters and the Proposed 2020 Bond Funding Priorities Package previously adopted by the Board. Moreover, they also reflect the input solicited earlier this year from Community of Schools Administrators and Local District leadership. The overarching goals and principals of the SUP, which will drive the development of future projects, are to upgrade, modernize, and replace aging and deteriorating District school facilities; update technology; and address District school facilities inequities to provide students with physically and environmentally safe, secure, and updated school facilities that support 21st-century learning.²

On October 12, 2021, the BOE approved the project definition for the proposed Project to provide facilities that are safe, secure, and better aligned with the current instructional program. The proposed Project is designed to address the most critical physical concerns of the building and grounds at the Campus while providing renovations, modernizations, and reconfiguration as needed.³

1.3 CALIFORNIA ENVIRONMENTAL QUALITY ACT

The environmental compliance process is governed by CEQA⁴ and the State CEQA Guidelines.⁵ CEQA was enacted in 1970 by the California Legislature to disclose to decision-makers and the public the significant environmental effects of projects and to identify ways to avoid or reduce the environmental effects through feasible alternatives or mitigation measures. Compliance with CEQA applies to California government agencies at all levels: local, regional, and State agencies, boards, commissions, and special districts (such as school districts and water districts). LAUSD is the lead agency for this proposed Project and is therefore required to conduct an environmental review to analyze the potential environmental effects associated with the proposed Project.

California Public Resources Code (PRC) Section 21080(a) states that analysis of a project's environmental impact is required for any "discretionary projects proposed to be carried out or approved by public agencies." In this case, LAUSD has determined that an Initial Study is required to determine whether there is substantial evidence that construction and operation of the proposed Project would result in environmental impacts. An Initial Study is a preliminary environmental analysis to determine whether an environmental impact report (EIR), a mitigated negative declaration (MND), or a negative declaration (ND) is required for a project.⁶

² Based on LAUSD Facilities Services Division, Board of Education Report, Update to the School Upgrade Program to Integrate Measure RR Funding and Priorities, August 24, 2021.

³ LAUSD. LAUSD Board of Education Report- Amendment to the Facilities Services Division Strategic Execution Plan to Approve Project Definitions for 11 Comprehensive Modernization Project. Report. 16/17 ed. Vol. 205. Los Angeles, CA: LAUSD, 2015.

⁴ California Public Resources Code, §21000 et seq (1970).

⁵ California Code of Regulations, Title 14, Division 6, Chapter 3, §15000 et seq.

⁶ California Code of Regulations, Title 14, Division 6, Chapter 3, §15063.

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When an Initial Study identifies the potential for significant environmental impacts, the lead agency must prepare an EIR;⁷ however, if all impacts are found to be less than significant or can be mitigated to a less than significant level, the lead agency can prepare a ND or MND that incorporates mitigation measures into the project.⁸

1.4 ENVIRONMENTAL PROCESS

A “project” means the whole of an action that has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, and that is any of the following:

- 1) An activity directly undertaken by any public agency including but not limited to public works construction and related activities clearing or grading of land, improvements to existing public structures, enactment and amendment of zoning ordinances, and the adoption and amendment of local General Plans or elements thereof pursuant to Government Code Sections 65100-65700.
- 2) An activity undertaken by a person which is supported in whole or in part through public agency contacts, grants, subsidies, loans, or other forms of assistance from one or more public agencies.
- 3) An activity involving the issuance to a person of a lease, permit, license, certificate, or other entitlement for use by one or more public agencies. (California Code of Regulations [CCR] § 15378[a])

The proposed actions by LAUSD constitute a “project” because the activity would result in a direct physical change in the environment and would be undertaken by a public agency. All “projects” in the State of California are required to undergo an environmental review to determine the environmental impacts associated with implementation of the Project.

1.5 INITIAL STUDY

This Initial Study was prepared in accordance with CEQA and the State CEQA Guidelines, as amended, to determine if the Project could have a significant impact on the environment. The purposes of this Initial Study, as described in the State CEQA Guidelines Section 15063, are to (1) provide the lead agency with information to use as the basis for deciding whether to prepare an EIR or MND or ND; (2) enable the lead agency to modify a project, mitigating adverse impacts before an EIR is prepared, thereby enabling the project to qualify for an ND or MND; (3) assist the preparation of an EIR, if one is required; (4) facilitate environmental assessment early in the design of a project; (5) provide documentation of the factual basis for the finding in an MND or ND that a project will not have a significant effect on the environment; (6) eliminate unnecessary EIRs; and (7) determine whether a previously prepared EIR could be used with the project. The findings in this Initial Study have determined that an EIR is the appropriate level of environmental documentation for this Project.

⁷ California Code of Regulations, Title 14, Division 6, Chapter 3, §15064.

⁸ California Code of Regulations, Title 14, Division 6, Chapter 3, §15070.

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1.5.1 Environmental Impact Report

The EIR will include information necessary for agencies to meet statutory responsibilities related to the proposed Project. State and local agencies will use the EIR when considering any permit or other approvals necessary to implement the Project. A preliminary list of the environmental topics that have been identified for study in the EIR is provided in the Initial Study Checklist (Chapter 4).

Following consideration of any public comments on the Initial Study, the Draft EIR will be completed and then circulated to the public and affected agencies for review and comment. One of the primary objectives of CEQA is to enhance public participation in the planning process; public involvement is an essential feature of CEQA. Community members are encouraged to participate in the environmental review process, request to be notified, monitor newspapers for formal announcements, and submit substantive comments at every possible opportunity afforded by the District. The environmental review process provides several opportunities for the public to participate through public notice and public review of CEQA documents and public meetings. Additionally, LAUSD is required to consider comments from the scoping process in the preparation of the Draft EIR and to respond to Draft EIR public comments in the Final EIR.

1.5.2 Tiering

This type of project is one of many that were analyzed in the LAUSD SUP Program EIR that was certified by the LAUSD BOE on November 10, 2015.⁹ LAUSD's SUP Program EIR meets the criteria for a Program EIR under CEQA Guidelines Section 15168 (a)(4) as one "prepared on a series of actions that can be characterized as one large project and are related ... [a]s individual activities carried out under the same authorizing statutory or regulatory authority and having generally similar environmental effects which can be mitigated in similar ways."

The Program EIR enables LAUSD to streamline future environmental compliance and reduces the need for repetitive environmental studies.¹⁰ The Program EIR serves as the framework and baseline for CEQA analyses of later projects through a process known as "tiering." Under CEQA Guidelines Sections 15152(a) and 15385, "tiering" refers to using the analysis of general matters contained in a broader EIR (such as one prepared for a program) with later EIRs and negative declarations on narrower projects; incorporating by reference the general discussions from the broader EIR; and concentrating the later EIR or negative declaration solely on the issues specific to the later project.¹¹

The Program EIR is applicable to all projects implemented under the SUP. The Program EIR provides the framework for evaluating environmental impacts related to ongoing facility upgrade projects planned by the District.¹² Due to the extensive number of individual projects anticipated to occur under the SUP, projects were

⁹ *Program EIR for the School Upgrade Program. Report.* 2015. <http://achieve.lausd.net/ceqa>.

¹⁰ *Program EIR for the School Upgrade Program. Report.* 2015. <http://achieve.lausd.net/ceqa>.

¹¹ California Code of Regulations Title 14, § 3 Article 1-15152(a).

¹² Ibid, at 4-8.

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grouped into four categories based on project scope, type of construction and location of project. The four categories of projects are as follows:¹³

- Type 1 – New Construction on New Property
- Type 2 – New Construction on Existing Campus
- Type 3 – Modernization, Repair, Replacement, Upgrade, Remodel, Renovation, and Installation
- Type 4 – Operational and Other Campus Changes

The proposed Project is categorized as Type 2 – New Construction on Existing Campus, which includes demolition and new building construction on existing campuses and the replacement of school buildings on the same location, and Type 3 – Modernization, Repair, Replacement, Upgrade, Remodel, Renovation, and Installation, which includes modernization and infrastructure upgrades. The evaluation of environmental impacts related to Type 2 and Type 3 projects, and the appropriate project design features and mitigation measures to incorporate, are provided in the Program EIR.

The proposed Project is considered a site-specific project under the Program EIR; therefore, this EIR will be tiered from the SUP Program EIR. The Program EIR is available for review online at <http://achieve.lausd.net/ceqa> and at LAUSD’s Office of Environmental Health and Safety, 333 South Beaudry Avenue, 21st Floor, Los Angeles, CA 90017.

1.5.3 Project Plan and Building Design

The Project is subject to the California Department of Education (CDE) design and siting requirements, and the school architectural designs are subject to review and approval by the California Division of the State Architect (DSA). The proposed Project, along with all other SUP-related projects, is required to comply with specific design standards and sustainable building practices. Certain standards assist in reducing environmental impacts, such as the California Green Building Code (CALGreen Code),¹⁴ LAUSD Standard Conditions of Approval (SC), and the Collaborative for High-Performance Schools (CHPS) criteria.¹⁵

California Green Building Code. Part 11 of the California Building Standards Code is the CALGreen Code. The CALGreen Code is a statewide green building standards code and is applicable to residential and nonresidential buildings throughout California, including schools. The CALGreen Code was developed to reduce greenhouse gas (GHG) emissions from buildings; promote environmentally responsible, cost-effective, healthier places to live and work; reduce energy and water consumption; and respond to the environmental directives of the Department of Housing and Community Development.

¹³ Ibid, at 1-7.

¹⁴ California Green Building Standards Code, Title 24, Part 11.

¹⁵ The Board of Education’s October 2003 Resolution on Sustainability and Design of High Performance Schools directs staff to continue its efforts to ensure that every new school and modernization project in the District, from the beginning of the design process, incorporate CHPS (Collaborative for High Performance Schools) criteria to the extent possible.

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Standard Conditions of Approval for District Construction, Upgrade, and Improvement Projects. SCs were adopted by the BOE on February 5, 2019 (Board Report Number 241-18/19). SCs are environmental standards that are applied to District construction, upgrade, and improvement projects and used by the LAUSD Office of Environmental Health and Safety (OEHS) to offset potential environmental impacts in CEQA analyses. The SCs were largely compiled from established LAUSD design guidelines and standards, best management practices (BMPs), and regulatory requirements and are required to be included in the construction specifications. For each SC, applicability is triggered by factors such as the project type and existing conditions. These SCs are implemented during the planning, construction, and/or operational phases of the projects. It is anticipated that the BOE will adopt updates to the SCs as part of the Subsequent Program EIR for the School Upgrade Program, which is being prepared concurrently to this document. It is expected that the Subsequent Program EIR will be certified prior to the certification of the EIR for the proposed Project; therefore, all SCs referenced in this document reflect those contained in the upcoming Subsequent Program EIR.

Collaborative for High-Performance Schools. The proposed Project would include CHPS criteria points under seven categories: Integration, Indoor Environmental Quality, Energy, Water, Site, Materials and Waste Management, and Operations and Metrics. LAUSD is committed to sustainable construction principles and has been a member of the CHPS since 2001. CHPS has established criteria for the development of high-performance schools to create a better educational experience for students and teachers by designing the best facilities possible. CHPS-designed facilities are healthy, comfortable, energy efficient, material efficient, easy to maintain and operate, commissioned, environmentally responsive site, a building that teaches, safe and secure, community resource, stimulating architecture, and adaptable to changing needs. The proposed Project would comply with CHPS and LAUSD sustainability guidelines. The design team would be responsible for incorporating sustainability features for the proposed Project, including onsite treatment of stormwater runoff, “cool roof” building materials, lighting that reduces light pollution, water and energy-efficient design, water-wise landscaping, collection of recyclables, and sustainable and/or recycled-content building materials.

Project Design Features. Project design features (PDFs) are environmental protection features that modify a physical element of a site-specific project and are depicted in a site plan or documented in the project design plans. PDFs may be incorporated into a project design or description to offset or avoid a potential environmental impact and do not require more than adhering to a site plan or project design. Unlike mitigation measures, PDFs are not special actions that need to be specifically defined or analyzed for effectiveness in reducing potential impacts.

Mitigation Measures. If, after incorporation and implementation of federal, State, and local regulations; CHPS prerequisite criteria; PDFs; and SCs, there are still significant environmental impacts, then feasible and project-specific mitigation measures are required to reduce impacts to less than significant levels. Mitigation under CEQA Guidelines Section 15370 includes:

- Avoiding the impact altogether by not taking a certain action or parts of an action.
- Minimizing impacts by limiting the degree or magnitude of the action and its implementation.
- Rectifying the impact by repairing, rehabilitating, or restoring the impacted environment.

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- Reducing or eliminating the impact over time by preservation and maintenance operations during the life of the action.
- Compensating for the impact by replacing or providing substitute resources or environments.

Mitigation measures must further reduce significant environmental impacts above and beyond compliance with federal, State, and local laws and regulations; PDFs; and SCs.

The specific CHPS prerequisite criteria and LAUSD SCs are identified in the tables under each CEQA topic.¹⁶ Federal, State, regional, and local laws, regulations, plans, and guidelines; CHPS criteria; PDFs; and SCs are considered part of the Project and are included in the environmental analysis.

1.6 IMPACT TERMINOLOGY

The following terminology is used to describe the level of significance of impacts.

- A finding of *no impact* is appropriate if the analysis concludes that the Project would not affect the particular topic area in any way.
- An impact is considered *less than significant* if the analysis concludes that it would cause no substantial adverse change to the environment and requires no mitigation.
- An impact is considered *less than significant with mitigation incorporated* if the analysis concludes that it would cause no substantial adverse change to the environment with the inclusion of environmental commitments or other enforceable mitigation measures.
- An impact is considered *potentially significant* if the analysis concludes that it could have a substantial adverse effect on the environment. If any impact is identified as potentially significant, an EIR is required.

1.7 ORGANIZATION OF THE INITIAL STUDY

The content and format of this report are designed to meet the requirements of CEQA and the State CEQA Guidelines. The conclusions in this Initial Study are that the proposed Project has the potential to create a significant impact on the environment and that an EIR must be prepared. This report contains the following sections:

Chapter 1, *Introduction* identifies the purpose and scope of the Initial Study and the terminology used.

Chapter 2, *Environmental Setting* describes the existing conditions, surrounding land uses, general plan designations, and existing zoning at the proposed Project site and surrounding area.

¹⁶ CHPS criteria are summarized. The full requirement can be found at <http://www.chps.net/dev/Drupal/California>.

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Chapter 3, *Project Description* identifies the location, provides the background, and describes the scope of the proposed Project in detail.

Chapter 4, *Environmental Checklist and Analysis* presents the LAUSD CEQA checklist, an analysis of environmental impacts, and the impact significance finding for each resource topic. This section identifies the CHPS criteria, PDFs, SCs, and mitigation measures, as applicable. Bibliographical references and individuals cited for information sources and technical data are footnoted throughout this CEQA Initial Study; therefore, a stand-alone bibliography section is not required.

Chapter 5, *List of Preparers* identifies the individuals who prepared the Initial Study and technical studies and their areas of technical specialty.

Appendices have data supporting the analysis or contents of this CEQA Initial Study.

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2. Environmental Setting

2.1 PROJECT LOCATION

The approximately 11.2-acre Irving MS campus is located at 3010 W. Estara Avenue (Assessor Parcel Numbers [APNs] 5458-019-900 [main parcel], 5458-018-903 [southwest of Moss Avenue], 5458-018-904, 5458-018-905, 5458-018-906, 5458-018-907, 5458-018-908, 5458-018-909, 5458-018-910, 5458-018-911, 5458-018-912, 5458-018-913, 5458-018-914, 5458-018-915, 5458-018-916, and 5458-018-917) in the community of Northeast Los Angeles (neighborhood of Glassell Park) within the City of Los Angeles in Los Angeles County.¹⁷ Within LAUSD, Irving MS is a part of Region West and the Board District 5, currently represented by Board Member Jackie Goldberg. Regional access to the site is from State Route 2 by exiting on San Fernando Road, traveling northwest on San Fernando Road for approximately 0.2 mile, and then traveling northeast on Fletcher Drive for approximately 0.2 mile (see **Figure 1: Regional Location**).

The Project site is bounded by Fletcher Drive to the northwest, Estara Avenue to the northeast, Marguerite Street to the southeast, West Avenue 32 to the southwest, and residential properties and neighborhood commercial properties in the western corner. Additionally, Moss Avenue and Roswell Street are City-owned streets that run through the Campus and connect Fletcher Drive to Estara Avenue. LAUSD has obtained a revocable permit to occupy the City right-of-way that runs through this portion of the Campus. The proposed Project does not involve any work on the City streets; therefore, the proposed Project site consists of 11.2 acres of the Campus, not including City streets. Regionally, the Project site is approximately 0.01 mile north and approximately 0.1 mile west of State Highway 2, approximately 1.5 miles east of I-5, and approximately 2.6 miles south of State Route 134.

The Campus is located on the U.S. Geological Survey (USGS) 7.5-minute series Los Angeles quadrangle, within a valley between the San Rafael Hills to the north (with elevations of 1,600+ feet above mean sea level [msl]), the hills of Mount Washington to the east (with elevations of 900+ feet above msl), Elysian Heights to the south (with elevations of 650+ feet above msl), and Griffith Park to the west (with elevations of 1,400+ feet above msl; see **Figure 2: Topographic Map**). The Project site is sloped downwards on all sides from the campus core towards the surrounding land uses, with the lowest point in the southernmost corner, and has an elevation that ranges from approximately 390–391 to 415–416 feet above msl.

2.2 SURROUNDING LAND USES

Land uses surrounding the Project site are composed of public facilities, single- and multifamily residential, neighborhood commercial, commercial manufacturing, and limited manufacturing uses (see **Figure 3: Surrounding Land Use**). Fletcher Drive Elementary School is located across Estara Avenue to the northeast, residential uses are located immediately west and across Marguerite Street and Avenue 32 to the southeast and

¹⁷ City of Los Angeles. N.d. ZIMAS. Accessed August 22, 2023. <https://zimas.lacity.org/>

2. Environmental Setting

southwest, State Route (SR) 2 is located across Marguerite Street to the south, and commercial and manufacturing uses are located immediately west (Furniture Fosters and The Stash on York) and across Fletcher Drive to the northwest (The Crème Shop, Mendez Tax Services, Love Your Hair, Julie’s Market, Viet on Fletcher, Birds Auto Detail and Ceramic Coatings, R B Signs, Zumba, Fresh Pup Cuts, Los Angeles World Embroidery & School Uniforms, Olivares flower and party shop, and El Ranchito Meat Market).

2.3 SENSITIVE RECEPTORS

LAUSD has defined sensitive receptors as residences, schools, long-term care facilities, dormitories, motels, hotels, transient lodgings, hospitals, libraries, auditoriums, concert halls, outdoor theaters, nature and wildlife preserves, parks, and places of worship.

In addition to students on campus, nearby sensitive receptors in close proximity to the proposed Project include Fletcher Drive Elementary School to the northwest and multi-family residences to the north, east, south, and west (see **Figure 4: Location of Sensitive Receptors; Table 1: Sensitive Receptors**). There are 26 single-family residences located approximately 251 to 500 feet south of the Project site; however, as they are located on the opposite side of SR-2, which is located at an approximately 20-foot higher elevation than the project site, the SR-2 wall acts as an existing sound barrier.

Table 1
Sensitive Receptors

No.	Name	Address	Type	Location	Distance from Project Site (feet)
1	Project Site	3010 Estara Ave, Los Angeles, CA 90065	Education	On campus	0
2	Fletcher Drive Elementary School	3350 Fletcher Drive	Education	Northeast, across Estara Avenue	59
3	Multi-family Residential	Multiple addresses along W Avenue 32	Residential	Immediately west of campus	0-26
4	Multi-family Residential	Multiple addresses along Estara Avenue, Fletcher Drive, Andrita Street, and W Avenue 32	Residential	North of Fletcher Drive	155-500
5	Multi-family Residential	Multiple addresses along W Avenue 34	Residential	Northeast of W Avenue 34	365-500
6	Multi-family Residential	Multiple addresses along Estara Avenue and Marguerite Street	Residential	Southeast of Marguerite Street	60-500
7	Multi-family Residential	Multiple addresses along W Avenue 32, Fletcher Drive, and Delay Drive	Residential	Southwest of W Avenue 32	86-350

2. Environmental Setting

2.4 CAMPUS HISTORY

Irving MS has been in operation as a school since 1937.¹⁸ The site was undeveloped land as early as the late 1800s and was primarily developed with residences and associated structures through the 1900s (see Appendix A, *Phase I ESA*). The Project site was originally the location where Andrew Glassell built his “Ranch House” in 1889 on the land he purchased from the 36,403-acre Rancho San Rafael tract.^{19, 20} Andrew Glassell (1827–1901) was an American real estate attorney and investor from Virginia who was named the first president of the Los Angeles Bar Association; after his death, the Glassell family began selling some of the property, leading to subdivisions in the community that is now called Glassell Park. The land was originally surrounded by citrus orchards and walnut groves. The orchards and groves along with the surrounding areas would eventually be transformed into residential tract made up of individually designed bungalow residences. By the 1930s, two streets and commercial properties were added, and portions of the existing school were developed on the northern portion in 1936 and 1937. In 1936, the City purchased Glassell’s ranch house through eminent domain to establish Irving MS, which included the following buildings: Administration Building (1937); Auditorium (1939); Physical Education Building (1937); Cafeteria (1938); and two-unit shops that were constructed between 1936 and 1939 (**Table 2: Character-Defining Historic District Eligible Campus Buildings**).²¹ The Irving MS campus core was constructed from 1936 to 1939 in the architectural era of Public Works Administration (PWA) Moderne.²² In the 1930s, PWA funding helped buoy school construction during the Great Depression.²³ According to the Historic Resource Evaluation Report (HRER) for the Project site, the Administration Building, Auditorium, and the Physical Education Building were designed by Edwin L. Bergstrom and the Cafeteria along with the two-unit shops were designed by Alfred S. Nibecker, Jr. (see Appendix B). The buildings by Bergstrom “exhibit character-defining features associated with PWA Moderne architecture, with elements of Streamline Moderne style.”²⁴ In the 1940s and again in the 1980s, the school expanded by taking over adjacent residential properties. A third Shop Building was built in 1955, the one-story Classroom and Homemaking Buildings were built in 1956, six bungalow classrooms were added to the campus from 1947 to 1970, the two-story Classroom Building was built in 1990, and the Sanitary Building was built in 2004.²⁵ Additional structures have been developed onsite, and the existing structures and configuration of the site have been present since 2004. Today, the Project site continues to be surrounded predominantly by multi-family residential with some single-family residential, commercial, industrial, and public facilities (see **Figure 5:**

¹⁸ California Department of Education. August 17, 2023. “California School Directory - Washington Irving Middle School Math, Music and Engineering Magnet.” <https://www.cde.ca.gov/schooldirectory/details?cdscode=19647336058077>

¹⁹ Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

²⁰ United States Department of the Interior National Park Service. April 13, 2007. National Register of Historic Places Continuation Sheet. Glassell park Elementary School. <https://npgallery.nps.gov/GetAsset/aadbdf39-2ca0-4a3f-9f77-2c367a27f5b6/>

²¹ Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

²² Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

²³ Prepared by Sapphos Environmental, Inc. for the Los Angeles Unified School District Office of Environmental Health and Safety. March 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969.

<https://planning.lacity.org/odocument/5a14c032-614e-4cd2-b58a-9507df31fbd1/Los%20Angeles%20Unified%20School%20District%20Historic%20Context%2C%201870-1969.pdf>

²⁴ Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

²⁵ NAC Architecture for Los Angeles Unified School District. February 3, 2023. Irving Steam Magnet Middle School Site Analysis and Development Report.

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Existing Site Plan and Context Photos and Figure 6: Character-Defining Historic District Eligible Campus Buildings).

Table 2
Character-Defining Historic District Eligible Campus Buildings

Building ID	Building Name	Year Built	Historic Contributor/ Noncontributor	Assembly Bill (AB) 300 ¹
15553	Administration Building	1937	Contributor	Yes – insufficient seismic gaps, overstressed shear walls, and diaphragm openings that are too large
14626	Physical Education Building	1937	Contributor	Yes – overstressed shear walls and insufficient wall anchorage at the diaphragm
17203	Cafeteria	1938	Contributor	No
17042	Auditorium	1939	Contributor	Yes – insufficient wall anchorage and diagonal sheathing at the diaphragm
16011	Shop No. 1	1937	Contributor	No
16601	Shop No. 2	1937	Contributor	No

¹ State of California. Amended April 5, 1999. AB 300. http://www.leginfo.ca.gov/pub/99-00/bill/asm/ab_0251-0300/ab_300_bill_19991010_chaptered.html

2.5 EXISTING CONDITIONS

The proposed Project site is an educational facility that primarily serves Grades 6 through 8 (middle school) through a STEAM²⁶ Magnet Program with approximately 815 students enrolled in the program (**Table 3: 2023–2024 Campus Enrollment**). However, the Campus hosts a number of specialized instructional programs in addition to the STEAM Magnet Program, Isana Octavia Charter (kindergarten [K] through 8th grade), and City of Angels Community School (K through 12th grade). In total, the Campus currently has an enrollment of approximately 1,100 students.²⁸

²⁶ Science, technology, engineering, art, and mathematics

²⁸ California Department of Education. N.d. School Profile: Washington Irving Middle School Math, Music and Engineering Magnet. <https://www.cde.ca.gov/sdprofile/details.aspx?cds=19647336058077> Accessed November 2, 2023.

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Table 3
2023–2024 Campus Enrollment

School Program	Grades	Enrollment
Washington Irving Middle School Math, Music and Engineering Magnet ¹	6–8	698
ISANA Octavia Academy ²	K–8	375
City of Angels Community School ³	K–12	~30

1 California Department of Education. N.d. School Profile: Washington Irving Middle School Math, Music and Engineering Magnet. <https://www.cde.ca.gov/sdprofile/details.aspx?cds=19647336058077> Accessed November 2, 2023.

2 California Department of Education. N.d. School Profile: ISANA Octavia Academy. <https://www.cde.ca.gov/sdprofile/details.aspx?cds=19647330122655> Accessed November 2, 2023.

3 Enrollment estimate based on one student classroom capacity.

Irving MS is an irregularly shaped campus split by two vacated City streets on an approximately 11.2-acre parcel, with 11 permanent buildings comprising 57 classrooms and six portable buildings comprising 11 classrooms (see Figure 5). The main entrance gate to the Campus is located on the northeastern side, along Estara Avenue between the Administration Building and the Auditorium. The Campus site is bisected by two main walking paths. The first main walking path runs east-west across campus and connects an entrance on Marguerite Avenue to Moss Avenue. Both ends of this walking path serve as drop-off points for pedestrians. The second main walking path starts at the Main Pedestrian Gate entrance on Estara Avenue and runs southwest to the Physical Education Building. The buildings are oriented inwardly, away from the streetscape, to face walkways, parking lots, courtyards, and the playing field at the south end of the campus at the corner of West Avenue 32 and Marguerite Street. Another playing field at the corner of Fletcher Drive and Estara Avenue, paved recreation areas, and storage containers occupy the rectangular area formed by the former Moss Avenue and the former Roswell Street, both of which have been incorporated into the Campus property. The Campus contains a natural grass athletic field at the northern corner, adjacent to eight asphalt basketball courts near Fletcher Drive. At the southern end of Campus, an artificial turf soccer field surrounded by a track is located adjacent to seven additional asphalt basketball courts along Marguerite Street, with additional physical education facilities to the east of the soccer field, between the Physical Education Building and Marguerite Street. On-site parking can be accessed from the former/abandoned Roswell Street easement, which provides parking on both sides and Special Education (SPED) bus pick-up and drop-off in front of the Cafeteria Building, as well as the former/abandoned Moss Avenue. There are five pick-up/drop-off zones located on campus. There is a Magnet and afterschool program pick-up/drop-off zone located on W Avenue 32, a Charter School pick-up/drop-off zone located on Marguerite Street with an entrance at Octavia Gate, an Irving MS pick-up/drop-off zone at the Pedestrian Gate on Marguerite Street, a Charter School pick-up/drop-off zone off Fletcher Drive, and an Irving MS pick-up/drop-off zone at the Main Gate entrance.

In addition to the four original campus buildings on the eastern half of Campus, there are several shops and classroom buildings at the west side of Campus. On the southeast side of Campus off Marguerite Street is a complex of new classroom buildings, southeast of the Administration Building and between the Auditorium and the Physical Education Building. Although major elements of the exteriors of the original Campus buildings are vertically oriented, the composition of the façades also emphasizes horizontality, a characteristic identified

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in the LAUSD Historic Context Statement as associated with Streamline Moderne/Moderne architecture. All of the original buildings are constructed of reinforced cast concrete. In the case of the Bergstrom-designed buildings, the exterior walls display a prominent horizontal board-form texture, and heavy fluted cast plaster pilasters flank entrances and are highlighted by a paint palette of royal blue contrasting with stark white exterior walls. All of the major original Campus buildings have flat parapets and horizontal stringcourses encircling the exteriors a few feet below the parapet and stringcourses above and below the windows, creating a horizontal look in contrast with the verticality of the pilasters.

The proposed Project site is located entirely within an Alquist Priolo Earthquake Fault Zone, with the Hollywood Fault and the Raymond Fault running beneath the Campus, as mapped by the California Geological Survey.²⁸ The Hollywood Fault is estimated to be located in the southern corner of the Campus running west beneath the New Classroom Building and the Soccer Field; the Raymond Fault is estimated to be located in the north corner of the site running west beneath the Athletic Field; and a postulated fault is estimated to run west beneath the Homemaking Building, Classroom Building, Administration Building, and six bungalows. The proposed Project is being undertaken to alleviate existing structural and seismic deficiencies in Campus buildings and to address the risks associated with the postulated fault. In addition to potential for fault rupture, three buildings on Campus (Administration Building, Auditorium, and Physical Education Building) have been found to have structural deficiencies.²⁹ The Administration Building has insufficient seismic gaps, overstressed shear walls, and diaphragm openings that are too large. The Auditorium has insufficient wall anchorage and diagonal sheathing at the diaphragm. The Physical Education Building was found to have overstressed shear walls and insufficient wall anchorage at the diaphragm. These buildings' existing structural deficiencies currently pose greater risks of loss, injury, or death than other buildings if fault rupture were to occur. The proposed Project would reduce the potential for students and faculty to be exposed to rupture of the known earthquake fault by replacing the removed buildings with new construction at least 50 feet away from the known fault.

The buildings on the Campus range in condition from good to critical.³⁰ Most of the buildings are in poor condition. The Homemaking Building, Cafeteria, New Classroom Building, and Shop Building #2 are all in critical condition, with HVAC and Fire Protection being the primary concerns cited in the Facilities Condition Index as well as by the site observation team. Assembly Bill (AB) 300, enacted in 1999, required the State of California Department of General Services to survey the State's public school buildings (grades K–12) for earthquake safety and to submit a report of its findings to the Legislature.³¹ Since 2006, 667 of LAUSD's buildings have been identified for seismic evaluation based upon AB 300 criteria and LAUSD's higher standards. Since that time, seismic evaluations have been performed on school buildings identified to be the most seismically vulnerable, and projects have been developed to address the buildings determined to be in the greatest need of structural upgrades. The three buildings on the AB 300 list (Administration Building, Auditorium, and Physical Education Building) have all been found to have structural deficiencies (see Table 2).

²⁸ California Department of Conservation, California Geological Survey. N.d. Earthquake Zones of Required Investigation <https://maps.conservation.ca.gov/cgs/EQZApp/app/> (accessed August 17, 2023)

²⁹ NAC Architecture for Los Angeles Unified School District. February 3, 2023. Irving Steam Magnet Middle School Site Analysis and Development Report.

³⁰ NAC Architecture for Los Angeles Unified School District. February 3, 2023. Irving Steam Magnet Middle School Site Analysis and Development Report.

³¹ Los Angeles Unified School District. N.d. Seismic Safety of School Buildings. <https://www.lausd.org/Page/18943> Accessed November 2, 2023.

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The Administration Building has insufficient seismic gaps, overstressed shear walls and diaphragm openings that are too large. The Auditorium has insufficient wall anchorage and diagonal sheathing at the diaphragm. The Physical Education Building was found in the Site Analysis and Development Report to have overstressed shear walls and insufficient wall anchorage at the diaphragm. The Physical Education Building and the Administration Building are both located in a fault zone. The Classroom Building, Homemaking Building, New Classroom Building, Shop Building #2 and all six bungalow classrooms are also located in the fault.

The site topography has 20 feet of grade change across the campus. It slopes from south to north with the lowest point in the southernmost corner. The highest point is in the middle of the campus at the Administration Building and Cafeteria. There are multiple terraces, stairs, and ramps to mitigate these grade differences. Some of these ramps are accessibility upgrades that have been made over the years and contribute to the disconnected nature of the exterior spaces.

2.6 GENERAL PLAN AND EXISTING ZONING

The Project site is designated by the City General Plan and the Northeast Community Plan as “Junior High School – Public” with a “Public Facilities” land use designation (see **Figure 7: General Plan Land Use Designation Map**),³² and it is zoned “Public Facilities” (PF) (see **Figure 8: Zoning Designation Map**).³³ Both the Northeast Los Angeles Community Plan and the City zoning code permit public secondary schools in the Public Facilities designations.^{34,35} Public Facilities is the designation for the use and development of publicly owned land in order to implement the City’s adopted General Plan, including, the circulation and service systems designations in the City’s adopted district and community plans, and other relevant General Plan elements, including the circulation, public recreation and service systems elements.³⁶ Under the proposed Project, the use of the land falls under public secondary schools, which is allowed by the PF zoning designation. As allowed per Government Code Section 53094, in 2019 the LAUSD Board of Education adopted a resolution to exempt all LAUSD school sites from local land use regulations.³⁷

2.7 NECESSARY APPROVALS

It is anticipated that approval required for the proposed Project would include, but may not be limited to, those listed below.

³² City of Los Angeles. June 25, 2014. “General Plan Land Use Map – Northeast Los Angeles Community Plan.”

<https://planning.lacity.org/plans-policies/community-plan-area/north-los-angeles>

³³ City Zone Information and Map Access System (ZIMAS). <http://zimas.lacity.org/>. Accessed August 29, 2023.

³⁴ City of Los Angeles. Amended September 7, 2016. “Northeast Los Angeles Community Plan.” <https://planning.lacity.org/plans-policies/community-plan-area/north-los-angeles>

³⁵ City of Los Angeles. Municipal Code, Chapter 1, Section 12.04.09 “PF” Public Facilities Zone.

https://codelibrary.amlegal.com/codes/los_angeles/latest/lapz/0-0-0-1548 (accessed April 23, 2023)

³⁶ American Legal Publishing. Effective June 30, 1991. Los Angeles Municipal Code. Section 12.04.09. “PF” Public Facilities Zone. https://codelibrary.amlegal.com/codes/los_angeles/latest/lapz/0-0-0-1548 (accessed August 29, 2023)

³⁷ LAUSD. 2019. Board of Education Report. 18/19 ed. Vol. 256.

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Responsible Agencies

A “Responsible Agency” is defined as a public agency other than the lead agency that has discretionary approval power over a project (CEQA Guidelines §15381). The Responsible Agencies, and their corresponding approvals, for individual projects to be implemented as part of the SUP may include the following:

- California Department of General Services, Division of State Architect. Approval of site-specific construction drawings.
- Los Angeles Regional Water Quality Control Board. General Construction Activity Permit, including the Storm Water Pollution Prevention Plan.
- City of Los Angeles Public Works Department. Permit for curb, gutter, and other offsite improvements.
- City of Los Angeles Fire Department. Approval of plans for emergency access and emergency evacuation.
- City of Los Angeles Department of Building & Safety. Approval of haul route.

Trustee Agencies

“Trustee Agencies” include those agencies that do not have discretionary powers, but that may review the EIR for adequacy and accuracy. Potential Reviewing Agencies for individual projects to be implemented under the SUP may include the following:

State

- | | |
|--|--|
| ■ California Office of Historic Preservation | ■ California Department of Fish & Wildlife |
| ■ California Department of Transportation | ■ Native American Heritage Commission |
| ■ California Resources Agency | ■ State Lands Commission |
| ■ California Department of Conservation | ■ California Highway Patrol |

Regional

- Metropolitan Transportation Authority
- South Coast Air Quality Management District
- Southern California Association of Governments

Local

- | | |
|---|---|
| ■ City of Los Angeles Department of Planning | ■ City of Los Angeles Department of Recreation and Parks |
| ■ City of Los Angeles Police Department | |
| ■ City of Los Angeles Department of Water and Power | ■ City of Los Angeles Department of Environmental Affairs |

Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code Section 21080.3.1?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and Project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process (see PRC Section 21083.3.2). Information may also be available

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from the California Native American Heritage Commission's Sacred Lands File per PRC Section 5097.94 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that PRC Section 21082.3(c) contains provisions specific to confidentiality.

Pursuant to Assembly Bill 52 (AB 52), LAUSD notified the Native American tribes/tribal representatives that are traditionally and culturally affiliated with the Project area. No Native American tribes have requested consultation with LAUSD, pursuant to Public Resources Code Section 21080.3.1. LAUSD OEHS contacted the Native American Heritage Commission (NAHC) regarding all of the Major Modification Projects. NAHC provided the list of tribes affiliated within the area of all seven of the Major Modernization Projects: Barbareño/Ventureño Band of Mission Indians, Chumash Council of Bakersfield, Coastal Band of the Chumash Nation, Fernandeño Tataviam Band of Mission Indians, Gabrieleño Band of Mission Indians – Kizh Nation (two contacts), Gabrieleño/Tongva San Gabriel Band of Mission Indians, Gabrielino/Tongva Nation, Gabrielino Tongva Indians of California Tribal Council (two contacts), Gabrielino-Tongva Tribe (two contacts), Northern Chumash Tribal Council, San Fernando Band of Mission Indians, Santa Rosa Band of Cahuilla Indians, Santa Ynez Band of Chumash Indians (four contacts), and Soboba Band of Luiseno Indians. On August 25, 2023, letters requesting consultation were sent via email to all tribes listed above. Tribes had 30 days to request consultation regarding any or all of the Projects. The 30-day period has ended, and no requests were received.

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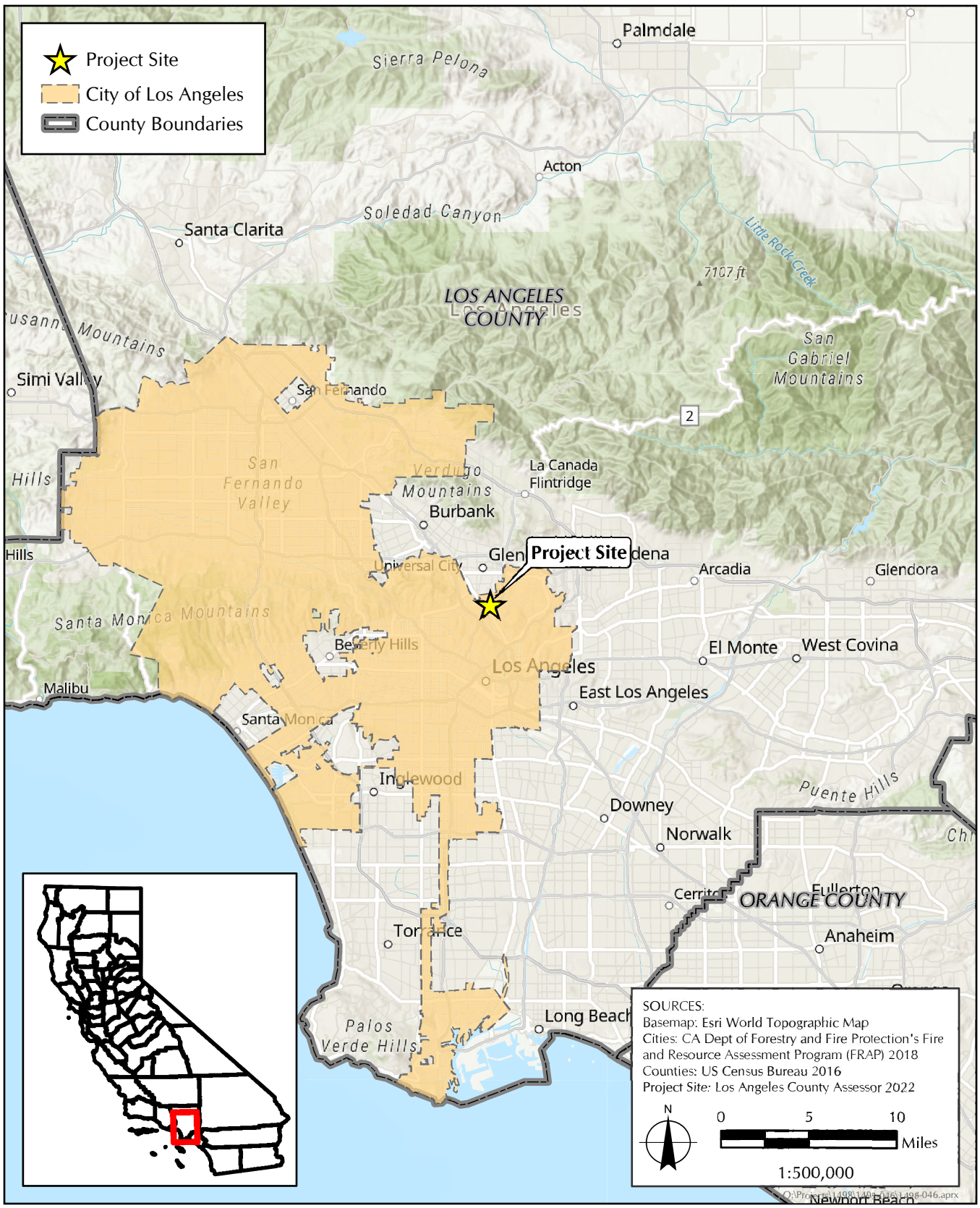


FIGURE 1
 Regional Location

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2. Environmental Setting

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FIGURE 3
 Surrounding Land Use

2. Environmental Setting

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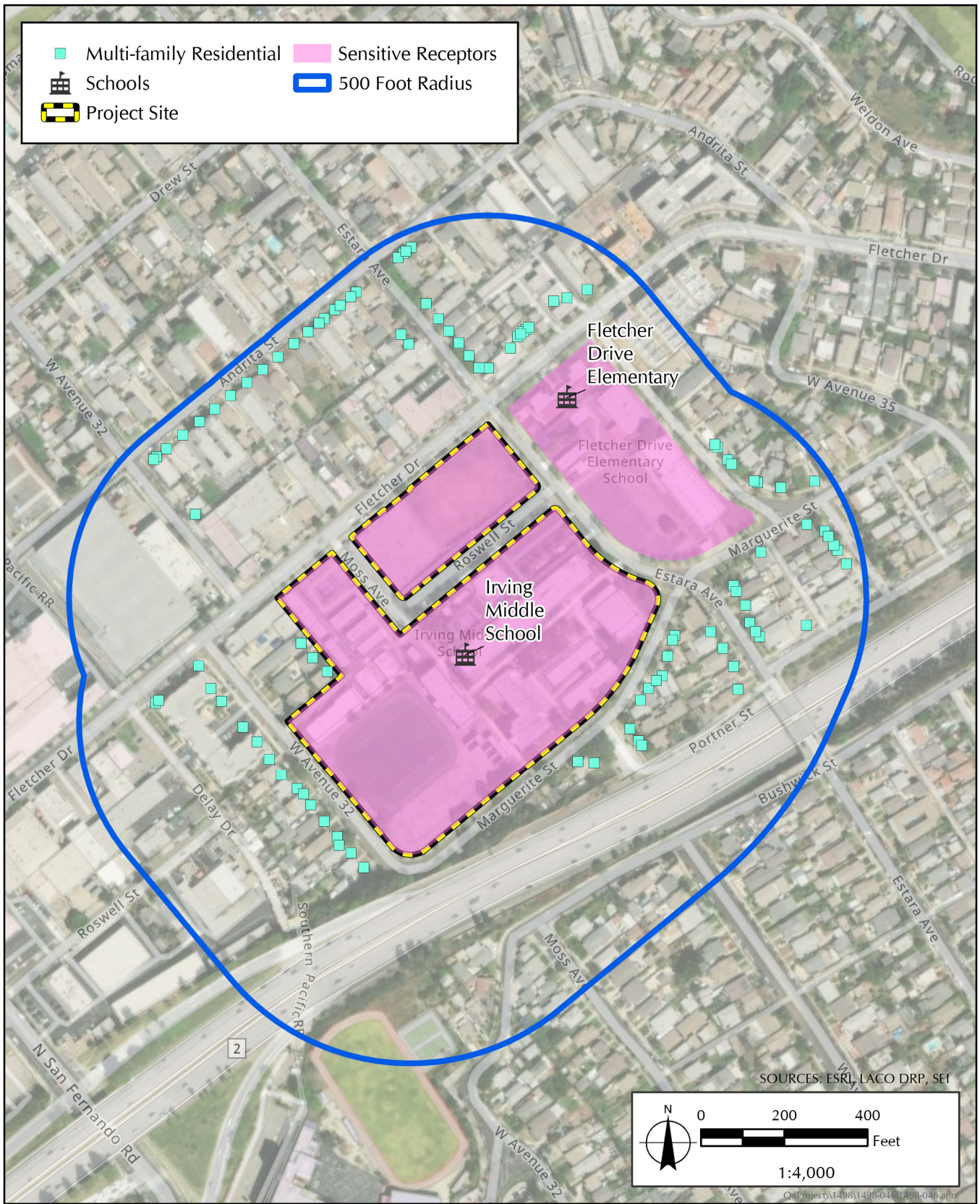


FIGURE 4
Location of Sensitive Receptors

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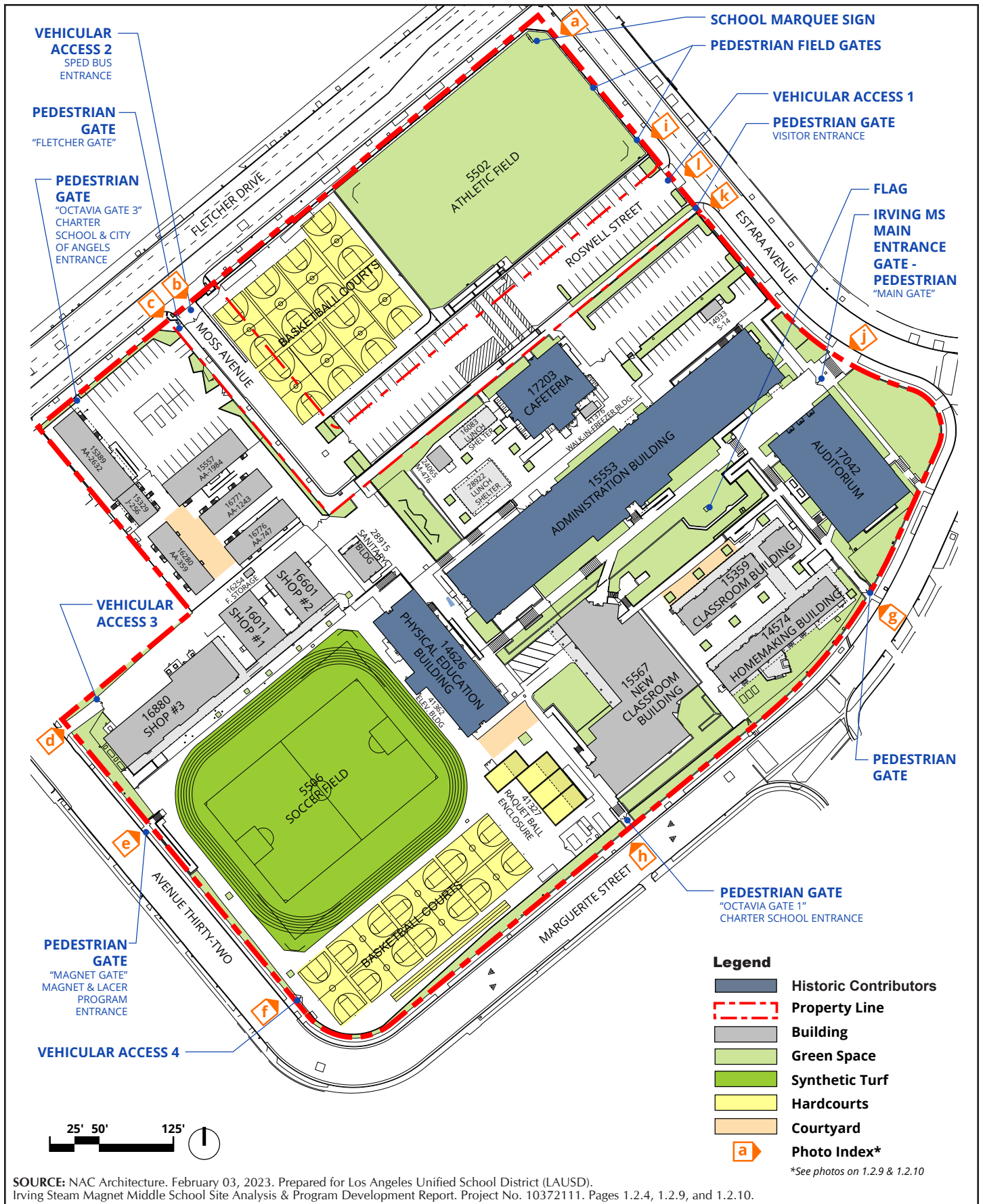


FIGURE 5
Existing Site Plan and Context Photos



a: View of athletic field at corner of Fletcher Drive and Estara Ave. Looking south.



b: Gate at Moss Ave off of Fletcher drive. Looking southeast. (Vehicular Access 2)



c: Pedestrian gate off of Fletcher Drive. Looking southeast. (Octavia Gate 3 - Pedestrian)



d: View of the Shop Buildings from 32 Ave. Looking northeast. (Vehicular Access 3)



e: Gate south of the soccer field of off 32 Ave. (Magnet Gate - Pedestrian)



f: Gate on 32 Ave. by basketball courts at south end of the campus. (Vehicular Access 4)

SOURCE: NAC Architecture. February 03, 2023. Prepared for Los Angeles Unified School District (LAUSD). Irving Steam Magnet Middle School Site Analysis & Program Development Report. Project No. 10372111. Pages 1.2.4, 1.2.9, and 1.2.10.





g: Pedestrian gate on Marguerite St between the Homemaking and Auditorium Buildings.



h: View of Charter school entrance from Marguerite St, Looking northwest. (Octavia Gate 1 - Pedestrian)



i: Pedestrian gates on Estara Ave. for Athletic Field access.



j: Original main entrance of off Estara Ave. Admin bldg is in the background. (Main Gate - Pedestrian)



k: View of main pedestrian gate from Estara Ave. Looking southwest.



l: View of parking entrance gate of off Estara Ave. Looking southwest. (Vehicular Access 1)

SOURCE: NAC Architecture. February 03, 2023. Prepared for Los Angeles Unified School District (LAUSD). Irving Steam Magnet Middle School Site Analysis & Program Development Report. Project No. 10372111. Pages 1.2.4, 1.2.9, and 1.2.10.



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Administration Building, 1937



Auditorium, 1939



Physical Education, 1937



Cafeteria, 1938

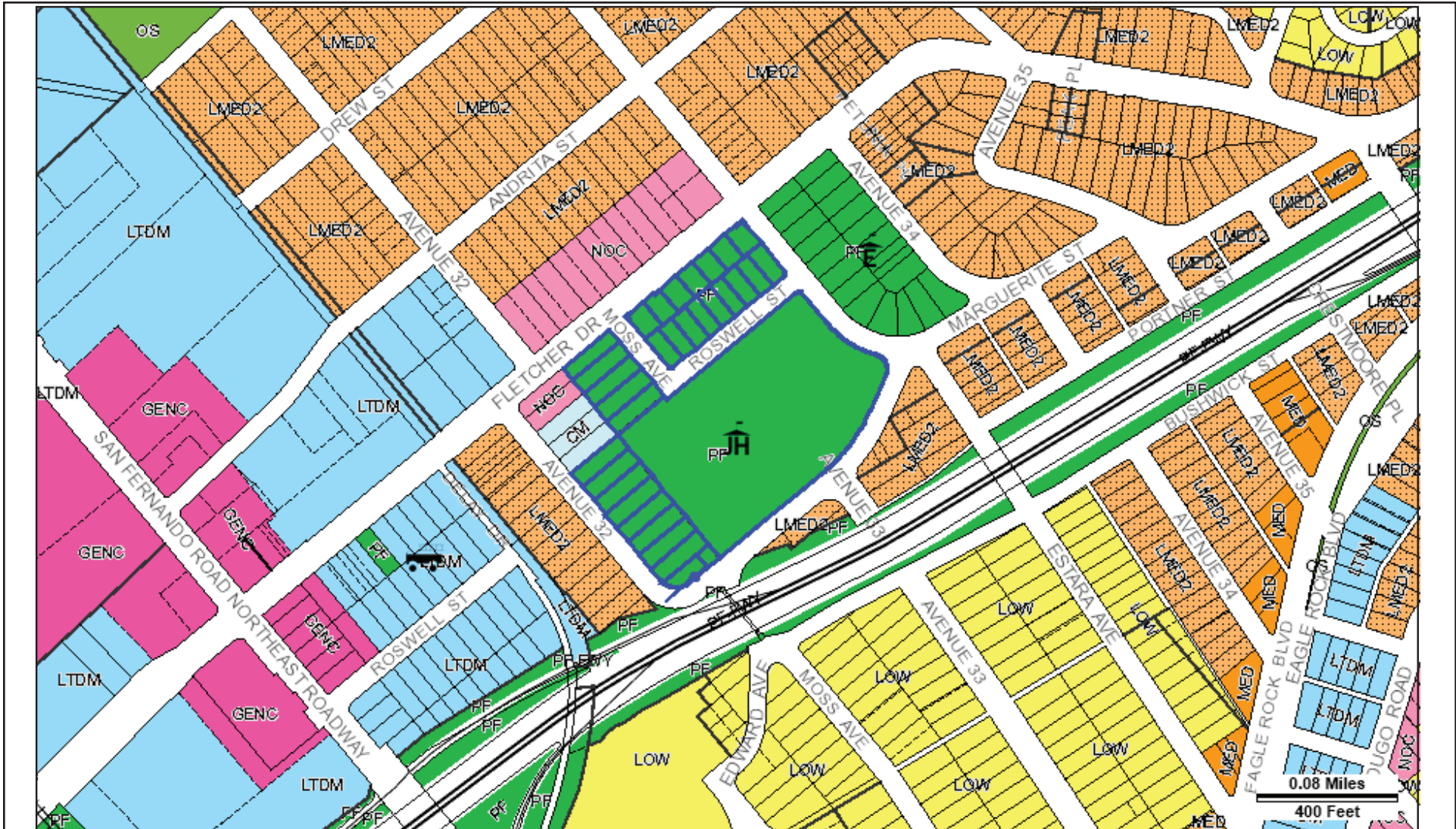
SOURCE: NAC Architecture, February 03, 2023. Prepared for Los Angeles Unified School District (LAUSD).
Irving Steam Magnet Middle School Site Analysis & Program Development Report. Project No. 10372111. Page 2.5.2.



FIGURE 6
Character-Defining Historic District Eligible Campus Buildings

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Address: undefined
 APN: 5458019900
 PIN #: 153A213 42

Tract: TR 575
 Block: None
 Lot: FR 116
 Arb: None

Zoning: PF-1-CDO
 General Plan: Public Facilities



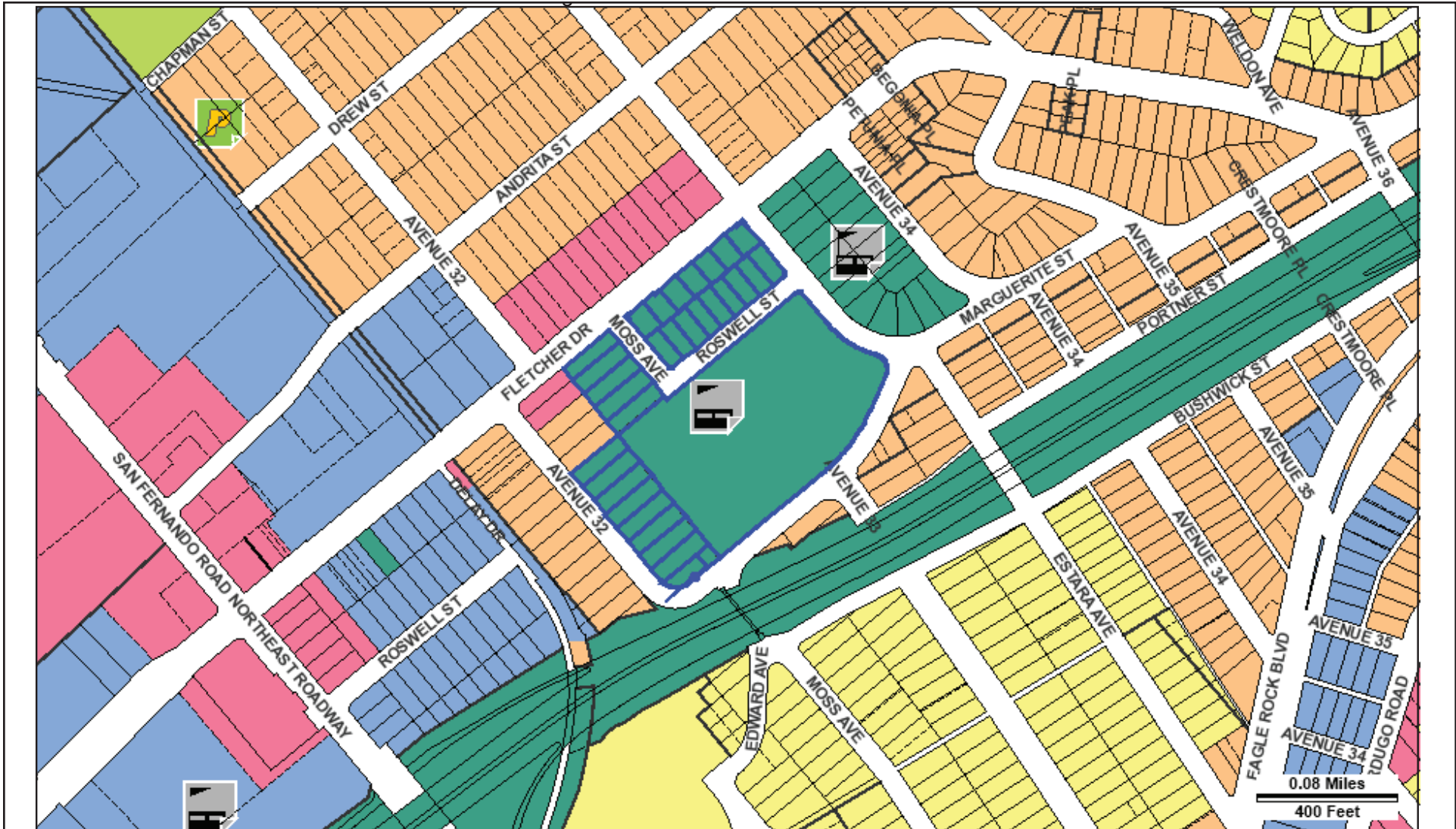
SOURCE: City of Los Angeles. July 11, 2023. ZIMAS. General Plan Land Use Background Map Display Layer. Available at: <https://zimas.lacity.org/>



FIGURE 11
 General Plan Land Use Designation Map

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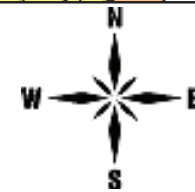
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Address: undefined
 APN: 5458019900
 PIN #: 153A213 42

Tract: TR 575
 Block: None
 Lot: FR 116
 Arb: None

Zoning: PF-1-CDO
 General Plan: Public Facilities



SOURCE: City of Los Angeles. July 11, 2023. ZIMAS. Generalized Zoning Background Map Display Layer. Available at: <https://zimas.lacity.org/>



FIGURE 8
 Zoning Designation Map

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3. Project Description

3.1 BACKGROUND

Purpose and Need for the Project. On August 24, 2021, the Board of Education (Board) adopted an update to the SUP (SUP Program EIR certified by the Board on November 10, 2015) to integrate Measure RR funding and priorities into its operational framework, and it approved the Measure RR Implementation Plan to help guide the identification of sites and development of project proposals. The goal of the LAUSD SUP is to improve student health, safety, and education through the modernization of school facilities. The proposed Project has been developed under the LAUSD's SUP to provide Measure RR funding to give every student access to safe, secure, and updated schools. Irving MS was identified as one of five schools in the District most in need of an upgrade due to the physical condition of the facilities.³⁸ The primary objective of the proposed Project is to address the most critical physical conditions and essential safety of the site, which includes alleviating seismic and structural risks discovered on the Campus.

Four objectives have been established for the SUP and will aid decision makers in their review of the Project and associated environmental impacts:

1. Repair aging schools and improve student safety.
2. Upgrade schools to modern technology and educational needs.
3. Create capacity to attract, retain, and graduate more students through a comprehensive portfolio of small, high-quality pre-K through adult schools.
4. Promote healthier environment through green technology.

The three buildings on the AB 300 list (Administration Building, Auditorium, and Physical Education Building) have all been found to have structural deficiencies (see Table 2). The Administration Building has insufficient seismic gaps, overstressed shear walls and diaphragm openings that are too large. The Auditorium has insufficient wall anchorage and diagonal sheathing at the diaphragm. The Physical Education Building was found in the Site Analysis and Development Report to have overstressed shear walls and insufficient wall anchorage at the diaphragm. The Physical Education Building and the Administration Building are both located in a fault zone. The Classroom Building, Homemaking Building, New Classroom Building, Shop Building #2 and all six bungalow classrooms are also located in the fault.

³⁸ Los Angeles Unified School District. November 15, 2022 Board of Education Report (File #: Rep-074-22/23). Approve the Redefinition of Five Major Modernization Projects at 49th Street Elementary School, Canoga Park High School, Garfield High School, Irving Middle School, and Sylmar Charter High School, and Amend the Facilities Services Division Strategic Execution Plan to Incorporate Therein.

3. Project Description

Goals. The District has established six core principles/objectives for the scoping of major modernization projects. The core principles of major modernization project scoping are as follows:³⁹

1. Buildings meeting AB 300 criteria for seismic evaluation may be addressed, to the extent feasible, with a focus on those determined to have a high seismic vulnerability, through retrofit, removal, or seismic modernization, which will be determined based on an assessment of the seismic vulnerability of the building(s), the historic context of the building/site, actual or potential impact to the learning environment, site layout, and the approach that best ensures compliance with Division of the State Architect (DSA) requirements.
2. The buildings, grounds, and site infrastructure that have significant/severe physical conditions that already do or are highly likely in the near future to pose a health and safety risk, or negatively impact a school's ability to deliver the instructional program and/or operate may be addressed by repair or replacement.
3. The District reliance on relocatable buildings, especially for K–12 instruction, should be reduced.
4. Necessary and prioritized upgrades must be made throughout the school site in order to comply with the program accessibility requirements of the Americans with Disabilities Act (ADA) Title II Regulations, and the District's Self-Evaluation and Transition Plan under Title II of the ADA.
5. The exterior conditions of the school site will be enhanced around new buildings and/or areas impacted by construction to improve the visual appearance including landscape and hardscape.
6. Outdoor learning environments will be developed where the site layout and project planning provide the opportunity.

The proposed Project would substantially modernize the Irving MS campus. The Project would be completed under LAUSD's SUP. As such, the goals of the Project are consistent with the SUP's goal to build, modernize, and repair school facilities to improve student health, safety, and educational quality (per the SUP Program EIR certified by the Board on November 10, 2015).

3.2 PROPOSED PROJECT

The proposed Project involves building replacement and reconfiguration on the Irving MS campus as part of the update to the SUP. The scope consists of the modernization of the campus to facilitate a safe and secure campus that is better aligned with the current instructional program and meets current DSA requirements and educational specifications. Structurally vulnerable buildings located on an identified earthquake fault will be demolished and replaced by a new building that will improve educational quality and safety for students and staff. The proposed Project also includes essential upgrades including seismic retrofit of the Auditorium Building outside of the earthquake fault, the removal of barriers and other accessibility upgrades, and various

³⁹ Los Angeles Unified School District. November 15, 2022 Board of Education Report (File #: Rep-074-22/23). Approve the Redefinition of Five Major Modernization Projects at 49th Street Elementary School, Canoga Park High School, Garfield High School, Irving Middle School, and Sylmar Charter High School, and Amend the Facilities Services Division Strategic Execution Plan to Incorporate Therein.

3. Project Description

landscape and hardscape improvements. The Project will reduce the total number of standard classrooms on the campus from 65 to 46 to accommodate the long-term needs of the school and community, while providing additional outdoor learning and gathering spaces for its students.

3.2.1 Campus Improvements

The proposed Project would include the changes to the Campus Buildings shown in **Table 4: Proposed Project (Demolition, Removal, and Construction)**, **Figure 9: Proposed Project Site Plan**, and **Figure 10: Demolition Plan**.

Table 4
Proposed Project (Demolition, Removal, and Construction)

Bldg. No.	Building	Building Type	Demolition	Removal	New Construction	Remodel/ Seismic Retrofit	Existing to Remain
14574	Homemaking Building	Permanent	4,432				
14626	Physical Education Building	Permanent					15,776
14933	S-14	Portable - Service		255			
15329	J-256 Relocatable Building	Portable - Sanitary		902			
15359	Classroom Building	Permanent	4,061				
15389	AA-2632 Relocatable Building	Portable - Bungalow		2,774			
15553	Administration Building	Permanent	53,949				
15557	AA-1984 Relocatable Building	Portable - Bungalow		2,555			
15567	90's Classroom Building	Permanent					29,084
16011	Shop #1	Permanent					3,000
16254	Flammable Storage	Permanent					45

3. Project Description

**Table 4
Proposed Project (Demolition, Removal, and Construction)**

Bldg. No.	Building	Building Type	Demolition	Removal	New Construction	Remodel/ Seismic Retrofit	Existing to Remain
16280	AA-359 Relocatable Building	Portable - Bungalow		1,852			
16601	Shop #2	Permanent					2,999
16771	AA-1243 Relocatable Building	Portable - Bungalow		1,922			
16776	AA-747 Relocatable Building	Portable - Bungalow		1,912			
16880	Shop #3	Permanent					6,541
17042	Auditorium	Permanent				14,957	
17203	Cafeteria	Permanent					5,231
24065	M-476	Portable - Storage					381
28915	Sanitary Building	Permanent					864
41362	Elevator Building	Permanent					413
41376	Walk-in Freezer	Portable enclosure					151
New Building Construction							
	(New) Administration and Classroom Building	Permanent			55,000		
	M&O #1	Permanent			2,600		
	Modular Classroom Building (for City of Angels)	Permanent			2,400		
	Campus Total* (does not include outdoor space)		62,442	12,172	60,000	14,958	64,485

3. Project Description

Note: All numbers are in square feet. All new square footages are approximate and subject to change during final site and architectural planning and design phases. These square footage changes would not significantly change the environmental analysis or findings in this IS. This table provides square footage for changes to existing and proposed buildings and portable structures; it does not include 4,211 square feet in demolition of arcades.

* Square footage totals may not add up exactly due to rounding and the way usable space is calculated. All numbers are based on *LAUSD Irving Middle School Preliminary Draft Space Program*, June 21, 2023, and *Test Fit 3A in LAUSD Irving Steam Magnet Middle School Site Analysis and Program Development Report (Site Analysis)*, February 3, 2023.

Current total square footage = 154,057. After Project square footage = 139,443. Decrease in campus square footage = 14,614.

Demolition and Removal

As shown in Figure 10, the proposed Project includes the demolition of the three permanent classroom buildings located directly over the identified earthquake fault (Homemaking Building, Classroom Building, and Administration Building). Additionally, the proposed Project includes the removal of six relocatable buildings in the northwest corner of the site due to their location over the fault as part of the District's goal of eliminating portable classroom facilities on campus. The proposed Project would also remove one accessory service structure. Total north of the Administration Building demolition is estimated at approximately 62,442 square feet.

New Construction

The three permanent buildings and six relocatable buildings planned to be demolished would be replaced by the construction of one, approximately 55,000-square-foot, two-story building that would house 19 classrooms and support spaces, administration offices, library, and other building service spaces. Additionally, the proposed Project would include construction of a new Maintenance and Operation (M&O) Building and two modular classrooms to be used by the City of Angeles Community School to the north of the identified fault and vacated Moss Avenue cul-de-sac. All new structures would be located a minimum of 50 feet away from the identified fault as required by state regulations.

Building Upgrades

In addition to the demolition of existing buildings and construction of new buildings, the proposed Project includes seismic and structural retrofitting for the Auditorium.

Additionally, the proposed Project would also improve portions of the parking lots and playgrounds that are located on District property. Any areas located directly above the fault would be turned into outdoors areas, such as hardscape, landscape, or parking areas. The proposed Project also provides for ADA upgrades impacted by the Project scope. Interim Housing would be provided to ensure school is fully operational throughout construction.

After completion of the proposed Project, the City of Angels Community School program would remain elsewhere on Campus, and the Octavia Charter School would be relocated off Campus.

The proposed Project is not anticipated to result in an increase in enrollment at Irving Middle School, as it would modernize the existing school for the safety of existing students. When completed, there would be fewer

3. Project Description

classrooms than the existing conditions, as the current 65 standard classrooms would be reduced to 46 standard classrooms.

3.2.2 Site Access, Circulation, and Parking

Vehicular Site Access

Irving MS provides existing vehicular access at the following locations:

- Vehicular Access 1 on Estara Avenue providing access to along the abandoned Roswell Street, which runs through campus and provides on-campus parking
- Vehicular Access 2 on Fletcher Drive (“SpEd Bus Entrance”) providing access to the abandoned Moss Street cul de sac, which runs through campus and provides a connection to existing on-campus parking locations
- Vehicular Access 3 near Avenue 32
- Vehicular Access 4 on Avenue 32

The proposed Project does not anticipate any reconfiguration or relocation of the four existing vehicular campus points of entry. One new vehicular point of entry would potentially be added along Marguerite Street to provide access to approximately 30 new parking stalls (Figure 9).

Pedestrian Site Access

Irving Middle School provides existing pedestrian access at the following locations:

- Three Pedestrian Field Gates providing access to the Athletic Field from Estara Avenue
- Pedestrian Gate (“Visitor Entrance”) on Estara Avenue at Roswell Street
- Irving MS Main Entrance Gate – Pedestrian (“Main Gate”) on Estara Avenue
- Pedestrian Gate on Marguerite Street
- Pedestrian Gate on Marguerite Street (“Octavia Gate 1” serving as the Charter School Entrance)
- Pedestrian Gate on Avenue 32 (“Magnet Gate” serving as the Magnet and Lacer Program Entrance)
- Pedestrian Gate on Fletcher Drive (“Octavia Gate 3” serving as the City of Angels Entrance)
- Pedestrian Gate on Fletcher Drive (“Fletcher Gate”)

After the proposed Project, all existing pedestrian points of entry would remain except for “Octavia Gate 3,” which serves as the City of Angels Entrance along Fletcher Drive. This entrance would be relocated, as the City of Angels would be relocated on-campus.

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On-Campus Circulation and Parking

On-campus circulation would be modified due to new and reconfigured landscaped, hardscaped, and parking areas on campus. The proposed Project would remove approximately 45 parking spaces south of Roswell Street in order to accommodate the new Administration and Classroom Building, and it would add approximately 30 parking spaces on-campus north of Marguerite Street and five parking spaces on-campus north of Bridwell Street. Additional parking spaces on the Campus may be removed and/or reconfigured to accommodate new landscaping or hardscape areas such as basketball courts. Upon completion of the Project, the minimum parking requirements would either be met or exceeded. Required parking and adequate vehicle circulation would also be maintained throughout the duration of construction.

3.2.3 Landscaping

Landscaped and hardscaped areas would be designed to be located directly above the fault as only nonstructural construction is permitted in those areas. The proposed Project would include new landscaped areas that contribute to meeting the District Board’s goal of 30 percent landscaped areas. The proposed Project would increase pervious ground cover by converting existing impervious areas (such as the existing Administration Building, Classroom Building, Homemaking Building, hardscaped parking areas, and hardscaped recreation areas).

Tree Removal

Irving MS has several mature trees located on Campus. The Tree Inventory in the Site Analysis documented a total of 120 trees that were determined to be “protected” or “significant.” Per the LAUSD Tree Trimming and Removal Procedure guidelines, “protected” trees include all indigenous oaks species (excluding scrub oak), western sycamore, American sycamore, Southern California black walnut, and California bay laurel, if they measure 4 inches or more in cumulative diameter at 4.5 feet above ground level at the base of the tree and were not grown as part of a tree planting program.⁴⁰ A “significant” tree is any tree with a trunk diameter of 8 inches or larger. Of the 120 trees inventoried on the Campus, four are protected, including one coast live oak and three western sycamore trees. The remaining 116 trees are significant and subject to the District’s policies.

Figure 11: Tree Inventory Status Map documents the existing trees inventoried on the Campus. Any tree under 8 inches in diameter was not documented, as it would not be considered “significant.” There are four protected trees located on the Campus, one of which requires removal under the proposed Project and is therefore subject to the LAUSD Tree Trimming and Removal Procedure guidelines. The protected tree that would be removed is Tree #67 (western sycamore), which is located where the new Administration and Classroom Building would be constructed. The protected trees that would remain on the Campus are Trees #5, #16, and #115 (see Appendix C, *Tree Inventory from Site Analysis & Program Development Report*). Tree #5 (western sycamore) is located above the fault at the southern corner of Moss Avenue and Roswell Street, Tree #16 (western sycamore) is located next to the Shop #3 Building, and Tree #115 (coast live oak) is located along the southern edge of the project site near the basketball courts.

⁴⁰ Los Angeles Unified School District Office of Environmental Health & Safety. Revised April 24, 2023. Tree Trimming & Removal Procedure. https://www.lausd.org/cms/lib/CA01000043/Centricity/Domain/135/LAUSD_Tree_Protection.pdf

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As required by the LAUSD tree trimming and removal procedure guidelines, Tree #67 may be relocated or removed subject to submittal of a Tree Removal Application and approval by the Director of OEHS and replacement equivalent to the City of LA Tree Preservation Ordinance requirements.

Additionally, any corrective tree trimming or removal must comply with LAUSD OEHS guidelines and procedures. Tree trimming or removal shall be avoided during the avian breeding and nesting season (February 1st through August 31st) when feasible. For any work requiring tree removal, or pruning, the presence of culturally significant trees should be identified with the school administrator to determine if proposed activities may impact trees.

3.2.4 Construction Phasing and Equipment

Construction is planned to start in the first quarter (Q1) of 2026 and be completed by Q3 2029 (approximately 42 months). **Table 5: Construction Schedule and Equipment** summarizes the proposed construction activities and schedule for implementation of the proposed Project. Access would be provided throughout construction from Fletcher Avenue onto Moss Avenue and/or from Estara Avenue onto Roswell Street. It is anticipated that construction would be conducted in five phases:

- **Phase 1: Set Up Interim Housing**

Prior to the demolition and construction of any structures, temporary interim facilities would be added to the campus to house classrooms during construction. The interim facilities would be located along Fletcher Avenue adjacent to the Athletic Field.

- **Phase 2: Demolish Administration Building**

- **Phase 3: Construct New Administration and Classroom Building**

Staging is anticipated to move to where the Administration Building was located.

- **Phase 4: Remove Homemaking Building, Classroom Building, Six Bungalows and Interim Housing**

- **Phase 5: Site Work Including Landscape, Hardscape, Parking**

The final stage of construction would involve the installation of the M&O buildings and any site work.

The construction schedule utilized in the analysis represents a “worst-case” analysis scenario as emission factors for construction equipment decrease as the phasing schedule time increases, due to improvements in technology and more stringent regulatory requirements. The duration of construction activities would be approximately 42 months, from Q1 2026 to Q3 2029, and the associated construction equipment represents a reasonable estimate of the construction fleet required. The construction scenario assumes construction activities would occur in the following phases: demolition, site preparation, grading, building construction, paving, and architectural coating. Construction equipment anticipated to be used for each phase, as listed in Table 5, was estimated based on projects of comparable size and land uses.

3. Project Description

Table 5
Construction Schedule and Equipment

Schedule	# of Equipment	Equipment Type	# Hours/Day
Demolition			
1/12/2026 – 6/26/2026 (120 days)	1	Excavators	4
	1	Rubber tired dozers	2
Site Preparation			
6/27/2026 – 1/22/2027 (150 days)	1	Tractors/loaders/backhoes	4
Building Construction			
1/23/2027 – 7/20/2029 (650 days)	1	Cranes	4
	1	Forklifts	4
	1	Generator sets	8
	1	Tractors/loaders/backhoes	7
	1	Welders	2
Paving			
7/21/2029 – 9/10/2029 (36 days)	1	Pavers	8
	1	Rollers	8
Architectural Coating			
9/11/2029 – 9/24/2029 (10 days)	1	Air compressors	6

The demolition phase would involve the use of heavy equipment to permanently remove 62,442 square feet of existing buildings. Site preparation activities would involve hand tools and minimal use of heavy equipment to water the proposed Project site following demolition, vegetation clearing, and the removal of unwanted materials at the proposed Project site. Portable buildings will also be removed during his phase and relocated during the construction phase.

Building construction involves the construction of the new pads for the relocation of the portable buildings and construction of the newly proposed buildings. Construction employees are anticipated to work at the proposed Project site for the duration of all construction phases, but site-specific construction fleet would vary due to specific Project needs at the time of construction. The final construction phase, including architectural coating, is required for the interior and exterior surfaces for the new educational and service buildings.

3. Project Description

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Irving MS Project – Project Scope and Budget

Proyecto en Irving MS – Componentes y presupuesto del proyecto

New Construction

- (~19) Classrooms and Support Spaces
- Administration
- Library
- Maintenance & Operations
- (2) Classrooms for City of Angels District Program

Seismic Retrofit

- Auditorium

Site Work

- Site Infrastructure (as required)
- Landscape Improvements
- Parking
- Interim Facilities (as required)

Project Budget

- \$139.9 million

Construcción Nueva

- ~19 Aulas y espacios de apoyo
- Administración
- Biblioteca
- Mantenimiento y Operaciones
- (2) Aulas para el Programa del Distrito de la Ciudad de Ángeles

Reforzamiento sísmico

- Auditorio

Trabajo en el sitio

- Infraestructura del sitio (según sea necesario)
- Mejoras de jardinería
- Estacionamiento
- Instalaciones provisionales (según sea necesario)

Presupuesto

- \$139.9 millones

KEY	
	PORTABLES TO BE REMOVED
	BUILDINGS TO BE REMOVED
	BUILDINGS TO BE MODERNIZED
	MINIMAL SEISMIC RETROFIT
	MINIMAL MODERNIZATION
	DEVELOPMENT ZONE

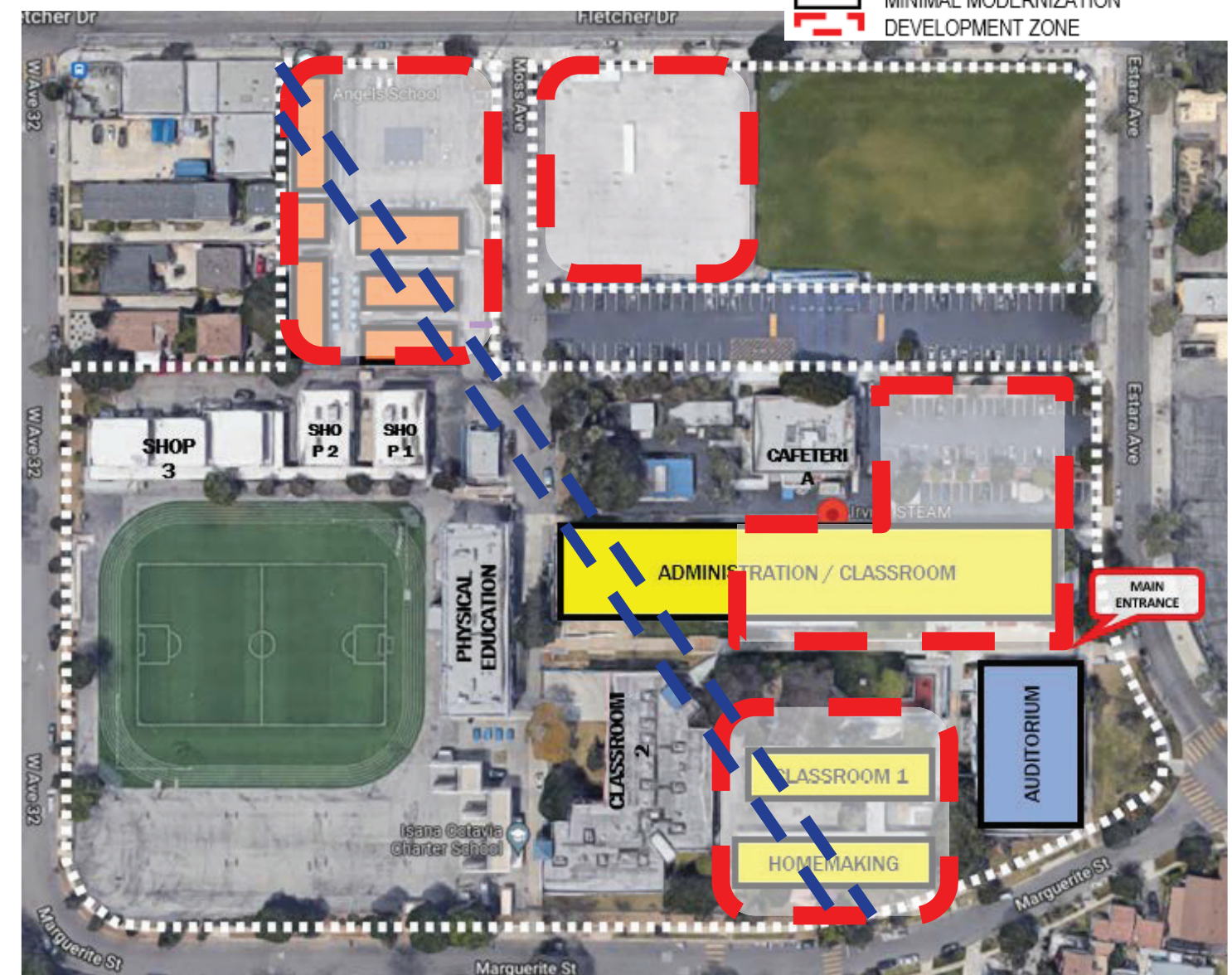
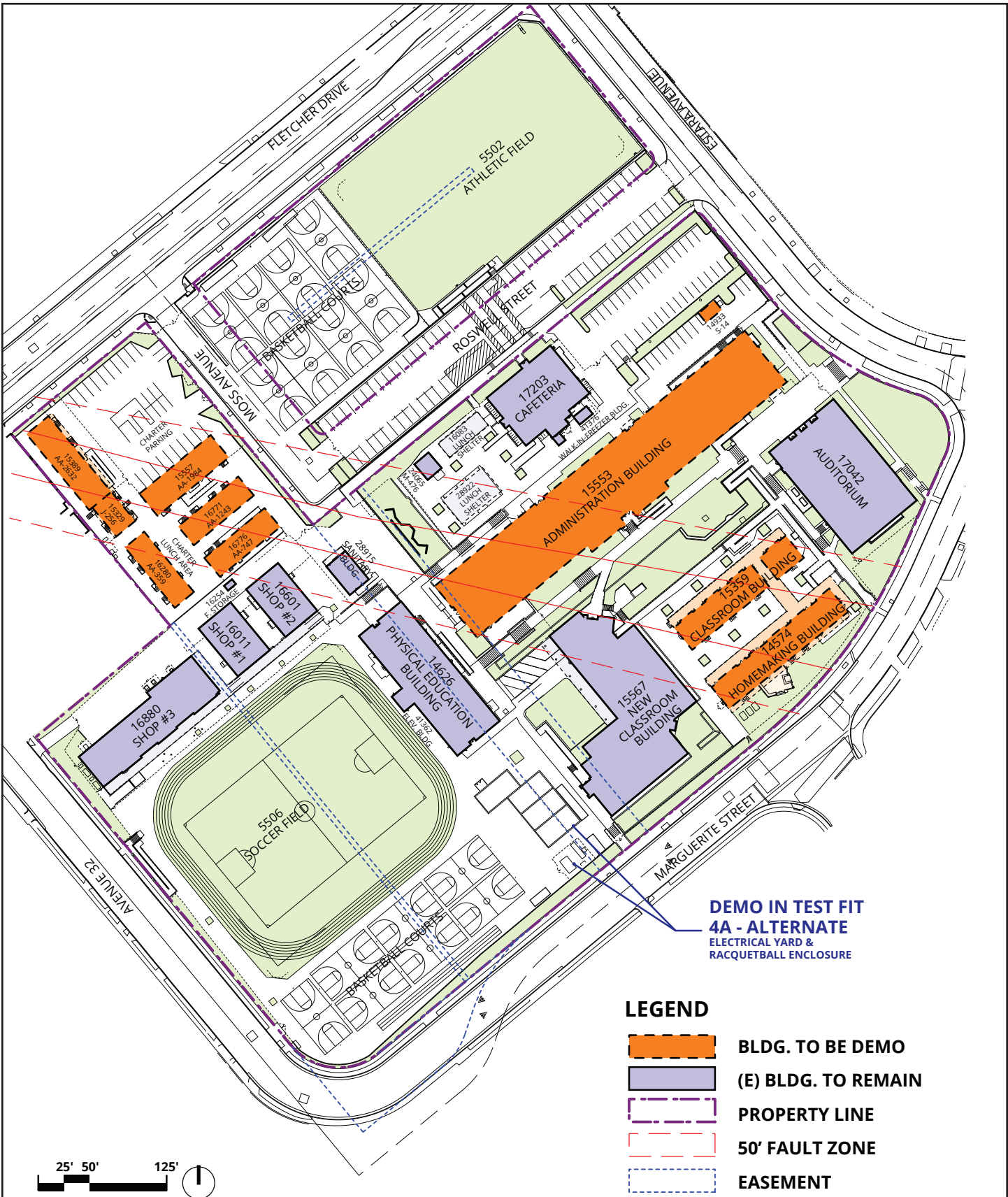


FIGURE 9
Proposed Project Site Plan

3. Project Description

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SOURCE: NAC Architecture, February 03, 2023. Prepared for Los Angeles Unified School District (LAUSD).
Irving Steam Magnet Middle School Site Analysis & Program Development Report. Project No. 10372111. Page 5.1.2.



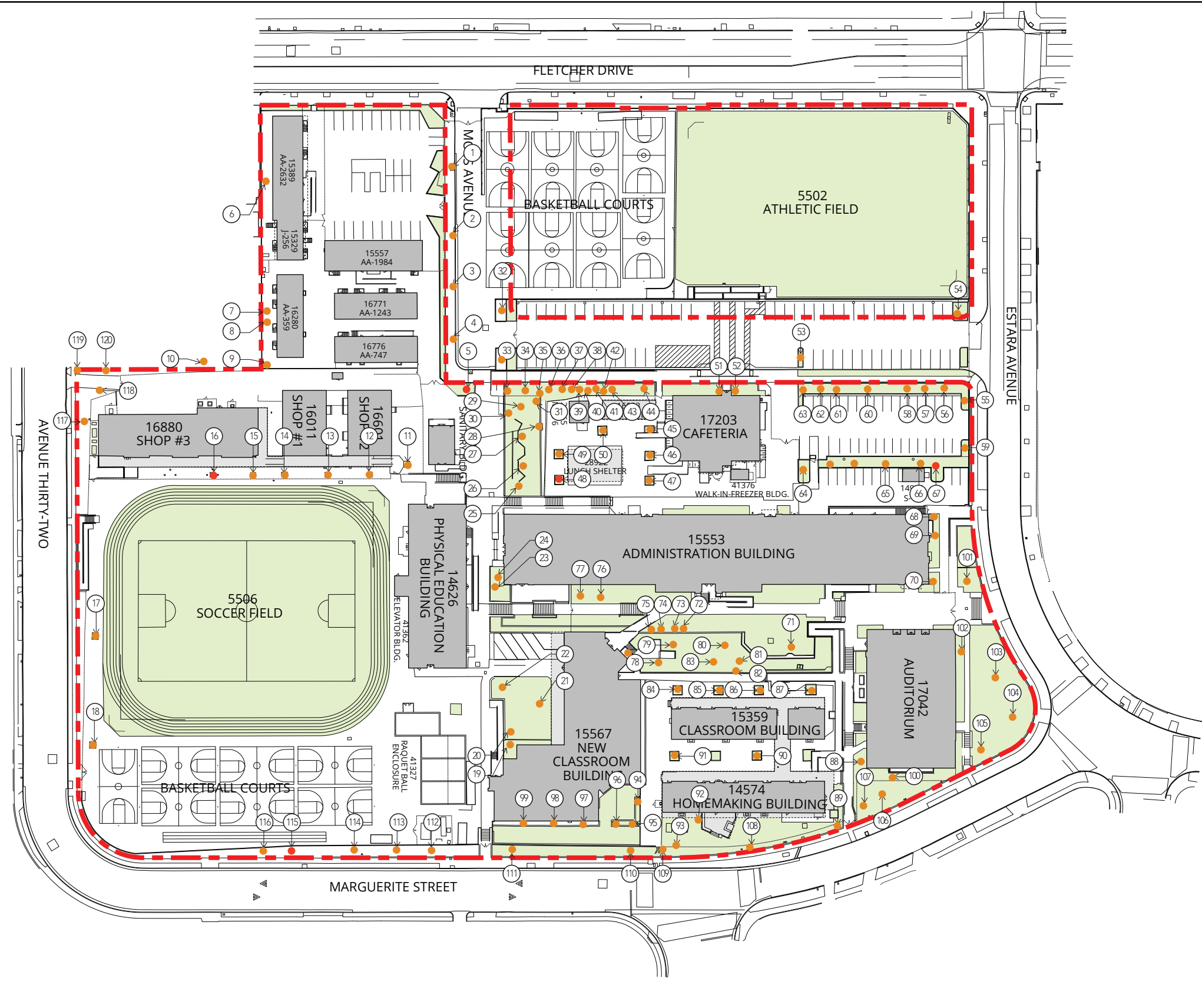
FIGURE 10
Demolition Plan

3. Project Description

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LEGEND

- Project Boundary Area
- Building
- Protected
- Significant



SOURCE: NAC Architecture. February 03, 2023. Prepared for Los Angeles Unified School District (LAUSD). Irving Steam Magnet Middle School Site Analysis & Program Development Report. Project No. 10372111. Page 2.4.21.



FIGURE 11
Tree Inventory Status Map

3. Project Description

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4. Environmental Checklist and Analysis

4. Environmental Checklist and Analysis

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this Project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages.

- | | | |
|---|---|--|
| <input type="checkbox"/> Aesthetics | <input checked="" type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Agriculture & Forestry Resources | <input type="checkbox"/> Hydrology & Water Quality | <input checked="" type="checkbox"/> Transportation & Traffic |
| <input checked="" type="checkbox"/> Air Quality | <input type="checkbox"/> Land Use & Planning | <input type="checkbox"/> Tribal Cultural Resources |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Utilities & Service Systems |
| <input checked="" type="checkbox"/> Cultural Resources | <input checked="" type="checkbox"/> Noise | <input type="checkbox"/> Wildfire |
| <input type="checkbox"/> Energy | <input checked="" type="checkbox"/> Pedestrian Safety | <input checked="" type="checkbox"/> Mandatory Findings of Significance |
| <input type="checkbox"/> Geology & Soils | <input type="checkbox"/> Population & Housing | |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Public Services | |
| | <input type="checkbox"/> None | <input type="checkbox"/> None with Mitigation Incorporated |

DETERMINATION

On the basis of this initial evaluation:

- I find that the proposed Project could not have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions on the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find the proposed Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed Project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed Project, nothing further is required.

4. Environmental Checklist and Analysis



Signature

Carlos A. Torres

Printed Name

December 1, 2023

Date

CEQA Officer for LAUSD

Title

4. Environmental Checklist and Analysis

EVALUATION OF ENVIRONMENTAL IMPACTS:

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Negative Declaration: Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from “Earlier Analyses,” as described in (5) below, may be cross-referenced).
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
 - a) Earlier Analysis Used. Identify and state where they are available for review.
 - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - c) Mitigation Measures. For effects that are “Less than Significant with Mitigation Measures Incorporated,” describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8. This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project’s environmental effects in whatever format is selected.
9. The explanation of each issue should identify:
 - a) the significance criteria or threshold, if any, used to evaluate each question; and
 - b) the mitigation measure identified, if any, to reduce the impact to less than significance.

4. Environmental Checklist and Analysis

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4. Environmental Checklist and Analysis

ENVIRONMENTAL IMPACTS

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS. Except as provided in Public Resources Code section 21099 (where aesthetic impacts shall not be considered significant for qualifying residential, mixed-use residential, and employment centers), would the project:				
a. Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to aesthetic resources. Applicable SCs related to aesthetic resource impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-AE-1	<p>LAUSD shall review all designs to ensure that demolition of existing buildings or construction of new buildings on its historic campuses are designed to ensure compatibility with the existing campus. The School Design Guide shall be used as a reference to guide the design.</p> <p>School Design Guide⁴¹ This document outlines measures for re-use rather than destruction of historical resources. It requires the consideration of architectural appearance/consistency and other aesthetic factors during the preliminary design review for a proposed school upgrade project. Architectural quality must consider compatibility with the surrounding community.</p>
SC-AE 2	<p>LAUSD shall review all designs to ensure that methods from the current School Design Guide are incorporated throughout the planning, design, construction, and operation of the Project in order to limit aesthetic impacts.</p> <p>School Design Guide</p>

⁴¹ The School Design Guide establishes a consistent level of functionality, quality and maintainability for all District school facilities. The document has design guidelines and criteria for the planning, design and technical development of new schools, modernizations, and building expansion projects; it includes by reference the Facilities Space Program, the Educational Specifications, the Guide Specifications, the Standard Technical Drawings of the District, and applicable codes, regulations and industry standards.

4. Environmental Checklist and Analysis

LAUSD Standard Conditions of Approval	
	This document outlines measures to reduce aesthetic impacts around schools, such as shrubs and ground treatments that deter taggers, vandal-resistant and graffiti-resistant materials, painting, etc.
SC-AE 3	LAUSD shall assess the proposed project's consistency with the general character of the surrounding neighborhood, including, but not limited to, any proposed changes to the density, height, bulk, and setback of new buildings (including stadiums), additions, or renovations. Where feasible, LAUSD shall make appropriate design changes to reduce or eliminate viewshed obstruction and degradation of neighborhood character. Such design changes may include, but are not limited to, changes to the campus layout, height of buildings, landscaping, and/or the architectural style of buildings.
SC-AE-4	<p>LAUSD shall review all designs to ensure that the installation of a school marquee complies with Marquee Signs Bulletin BUL 5004.1.</p> <p>Marquee Signs Bulletin BUL-5004.1</p> <p>This policy provides guidance for the procurement and installation of marquee signs (outdoor sign with electronic message display) on District campuses. The policy includes requirements for the design, approval, placement, operation, and maintenance of electronic school marquees erected and operated at schools. The policy also includes measures to mitigate light and glare, such as the use of "luminaries" in connection with school construction.</p>
SC-AE 5	<p>LAUSD shall review all designs and test new lights following installation to ensure that adverse light trespass and glare impacts are avoided.</p> <p>School Design Guide</p> <p>This document outlines Illumination Criteria, requirements for outdoor lighting and measures to minimize and eliminate glare that may impact pedestrians, drivers and sports teams, and to avoid light trespass onto adjacent properties.</p>
SC-AE 6	<p>The International Dark-Sky Association (IDA) and the Illuminating Engineering Society (IES) Model Lighting Ordinance (MLO) shall be used as a guide for environmentally responsible outdoor lighting. The MLO has outdoor lighting standards that reduce glare, light trespass, and skyglow. The MLO uses lighting zones (LZ) 0 to 4, which allow the District to vary the lighting restrictions according to the sensitivity of the community. The MLO also incorporates the Backlight-Uplight-Glare (BUG) rating system for luminaires, which provides more effective control of unwanted light. The MLO establishes standards to:</p> <ul style="list-style-type: none"> • Limit the amount of light that can be used. • Minimize glare by controlling the amount of light that tends to create glare. • Minimize sky glow by controlling the amount of uplight. • Minimize the amount of off-site impacts or light trespass.

a) Have a substantial adverse effect on a scenic vista?

Less than Significant Impact. The proposed Project would result in less than significant impacts to aesthetics in relation to substantial adverse effects on scenic vistas. There are no designated scenic vista points within the proposed Project area according to the California Department of Transportation's (Caltrans) inventory of

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scenic vistas or the SUP Program EIR.^{42,43} Vista points, as defined by Caltrans, are “places where motorists can safely view scenery or park and relax” that are throughout the state highway system.⁴⁴ Vista points and related facilities are further defined as a vista point, scenic overlook, wildlife viewing, trailhead access area, or other places specifically for the public to stop and view the local landscape, which include walkways, interpretive displays and information, railings, benches, trash receptacles, monuments, and other facilities and are designed to be fully accessible.^{45,46} The proposed Project site is not visible from any scenic vistas or aesthetic features designated in the SUP Program EIR or by Caltrans due to distance, intervening topography and tree canopy, development, elevated highway systems, and sprawl and high density characteristics between the proposed Project area and any designated scenic vistas.⁴⁷ The designated scenic vistas or aesthetic features identified in the Program EIR that are closest to the proposed Project site include Dodger Stadium, Elysian Park, and Griffith Park and Observatory. Of the three scenic vistas or aesthetic features, Elysian Park is the nearest at approximately 2.0 miles south-southwest of the proposed Project site. The Project site is not visible from Elysian Park. Griffith Park and Observatory are approximately 3.3 miles west of the Project site. The Project site, which slopes upward from the edges of the site to the campus core, is an existing school campus containing one- to two-story buildings and 120 landscape trees. Griffith Park and Observatory is perched on the southern edge of the Griffith Park ridgeline and is visible from the Project site as the Project site sits at a lower elevation, and Griffith Park and Observatory can be seen as part of the background hillside and natural skyline to the west. However, based on the City’s high density and urban sprawl characteristics, distance, topography, citywide street tree canopies in the basin area, elevated freeway systems, and varying heights of development within the viewshed, plus Griffith Park and Observatory’s projection of the City from a higher elevation, the Project site is not distinguishable among the urban massing from Griffith Park and Observatory.

The proposed Project would incorporate SCs to limit and/or minimize impacts to aesthetics and visual resources such as scenic vistas or viewsheds during construction and operations. The following SCs shall be included: SC-AE 2 and SC-AE 3 to minimize obstruction or impacts to visual resources. The location of the new structures would not alter the viewshed of the two nearest scenic resources, Elysian Park and Griffith Park and Observatory. While the Project site would remain visible from Griffith Park and Observatory, the replacement of buildings on the existing campus would not dominate or obstruct views from this feature or cause the Project site to become distinguishable. Therefore, the Project would result in less than significant impacts to aesthetics from the proposed Project in relation to scenic vistas, aesthetics features, or vista points with incorporation of SCs. No further analysis is warranted.

⁴² California Department of Transportation (Caltrans). N.d. Vista Points: Vista Point Planning and Design. Accessed 8/27/23.

Available at: <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-k-vista-points>

⁴³ Los Angeles Unified School District. September 2015. LAUSD School Upgrade Program EIR. Accessed 8/27/23.

⁴⁴ California Department of Transportation (Caltrans). N.d. Vista Points: Vista Point Planning and Design. Accessed 8/27/23.

Available at: <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-k-vista-points>

⁴⁵ California Department of Transportations (Caltrans). July 1, 2020.. Highway Design Manual, Seventh Edition Update. Accessed 8/27/23/ Available at: <https://dot.ca.gov/programs/design/manual-highway-design-manual-hdm>

⁴⁶ California Department of Transportations (Caltrans). July 1, 2020. Highway Design Manual, Seventh Edition: Topic 914 – Vista Points. Accessed 8/27/23/ Available at: <https://dot.ca.gov/-/media/dot-media/programs/design/documents/chp0910-a11y.pdf>

⁴⁷ Los Angeles Unified School District. September 2015. LAUSD School Upgrade Program EIR. Accessed 8/27/23.

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b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. The proposed Project would result in no impacts to aesthetics regarding substantially damaging scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway. There are no officially designated or eligible state scenic highways within the proposed Project area. According to the California Scenic Highway Program,⁴⁸ the U.S. Department of Transportation Federal Highway Administration,⁴⁹ and the Program EIR,⁵⁰ the three nearest scenic highways to the proposed Project site are SR-2, Interstate (I) 210, and SR-110:

- The nearest officially designated state scenic highway is the Angeles Crest Highway (SR-2) in the Angeles National Forest, approximately 8.3 miles north-northeast of the proposed Project site from Interstate 210 (I-210) to the San Bernardino County Line.
- The nearest eligible state scenic highway is the I-210, approximately 5.5 miles north from I-5 (near Tunnel Station) to SR-134 in Pasadena.
- The Project site is also located near a federal scenic and historic designated byway, Arroyo Seco Historic parkway (SR-110), approximately 2.6 miles south-southeast of the proposed Project site.

Due to distance, intervening topography, tree canopies and dense vegetation, and the urban context of the Project site in the foreground at a lower elevation than all three highways, the Project site is not located in the foreground and not likely to be visible from the Officially Designated or Eligible State scenic highways or the federal scenic and historic byway.

The proposed Project would incorporate SCs to limit and/or minimize impacts to aesthetics in relation to substantially damaging visual resources within a state scenic highway during construction and operations. The following SCs would be included: SC-AE 1, SC-AE 2, SC-AE 3, and SC-AE 4 to minimize damages or impacts to visual resources. The Project site is not located within a state or federal designated scenic highway/byway corridor. Therefore, the Project site would result in no impacts to aesthetics in relation to substantially damaging scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway with implementation of SCs. No further analysis is warranted.

c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less than Significant Impact. The proposed Project would result in less than significant impacts to aesthetics in relation to substantially degrading the existing visual character or quality of public views of the site and its surroundings. The proposed Project is an existing middle school campus located in an urbanized area that is

⁴⁸ California Department of Transportation (Caltrans). N.d. California State Scenic Highways System. Accessed on 8/25/23. Available at: <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>

⁴⁹ U.S. Department of Transportation Federal Highway Administration. N.d. National Scenic Byways and All-American Roads: Arroyo Seco Historic Parkway – Route 110. Accessed 8/27/23. Available at: <https://fhwaapps.fhwa.dot.gov/bywaysp/byways>

⁵⁰ Los Angeles Unified School District. September 2015. LAUSD School Upgrade Program EIR. Accessed 8/27/23.

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situated on an approximate 11.2-acre site located within the Northeast Community Area Plan in the urban neighborhood of Glassell Park. LAUSD has many humanmade aesthetic resources that include buildings or building clusters that have distinctive appearance; history; societal or cultural importance; and locations or sites with significance or sense of place.⁵¹ The Project site was originally the location where Andrew Glassell built his “Ranch House” in 1889.⁵² The land was originally surrounded by citrus orchards and walnut groves. The orchards and groves along with the surrounding areas would eventually be transformed into residential tract made up of individually designed bungalow residences. In 1936, the City purchased Glassell’s ranch house through eminent domain to establish Irving MS, which included the following buildings: Administration Building; Auditorium; Physical Education Building; Cafeteria; and two-unit shops that were constructed between 1936 and 1939.⁵³ According to the HRER (Appendix B), the Administration Building, Auditorium, and Physical Education Building were designed by Edwin L. Bergstrom; and the Cafeteria and two-unit shops were designed by Alfred S. Nibecker Jr. The buildings by Bergstrom “exhibit character-defining features associated with Public Works Administration ... Moderne architecture, with elements of Streamline Moderne style.”⁵⁴ Today the Project site continues to be surrounded predominantly by multi-family residential with some single-family residential, commercial, industrial, and public facilities. While there are street trees that line Fletcher Drive, commercial and industrial uses are mostly present along the roadway where the residential is beyond Fletcher Drive into the neighborhood. The existing two-story Administration Building would be replaced with a similar two-story Administration Building and classroom combination building with a slightly reconfigured footprint, and the campus skyline would not encounter a major change. Aside from the school’s architectural character and style, there are not many remnants of bungalow in the surrounding area, and much of the neighborhood structures appears transformed into modern day structures with mixed architecture styles and materials.

The proposed Project would consist of building replacement and reconfiguration including the demolition of the historic contributor Administration Building plus other classrooms, both fixed and portable; the construction of a new administration and classroom combination permanent building, and some smaller portable building structures for facilities; and other building and exterior upgrades. The purpose for replacement and reconfiguration of buildings on the campus is seismic safety due to their location being directly over a current fault line. The Program EIR has indicated that for safety reasons the historic Administration Building, among other buildings, will need to be replaced and reconfigured on site. The proposed Project would incorporate the LAUSD SCs to minimize impacts to aesthetics in relation to substantially degrading visual character or quality of public view of the site and its surroundings during construction and operations. The proposed Project’s land use and zoning designations would not change as a result of the improvements; nor would it conflict with existing applicable regulations relating to scenic quality. The following SCs shall be included: SC-AE 1 through SC-AE 6 to minimize damages or impacts to visual resources due to the replacement of the Administration Building.

The proposed Project would involve replacement of historical structures, which would need to comply with design review guidelines and process for maintaining consistency with historic architecture. The proposed Project would not conflict with land use and zoning designations as there would be no changes in use.

⁵¹ Los Angeles Unified School District. September 2015. LAUSD School Upgrade Program EIR. Accessed 8/27/23.

⁵² Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

⁵³ Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

⁵⁴ Los Angeles Unified School District. August 2022. Historic Resource Evaluation Report.

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Furthermore, there would be no conflict with zoning designations because, as allowed per Government Code Section 53094, in 2019 the LAUSD Board of Education adopted a resolution to exempt all LAUSD school sites from local land use regulations. Therefore, the proposed Project would have less than significant impact with implementation of SCs in relation to visual character, quality of public views, and applicable zoning. No further analysis is warranted.

d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

Less than Significant Impact. The proposed Project would result in less than significant impacts to aesthetics related to the creation of a new source of substantial light or glare that would adversely affect daytime or nighttime views in the vicinity of the proposed Project area.

Due to its urban context, the Los Angeles basin experiences a very high nighttime sky glow and as well as nighttime and daytime glare. The Program EIR indicates that the existing lighting consists of exterior lighting fixtures located on the building facades that include surface mounted light-emitting diode (LED) floor/box lighting fixtures. According to the Program EIR, the following lighting systems are included in the proposed Project: flood lighting (pole mounted and utility power pole), parking lot (pole mounted LED fixtures), flood lighting (surface mounted), and sports lighting. However, overhead streetlights surround the Project site along Estara Avenue, Fletcher Drive, Marguerite Street, and Moss Avenue. In addition, there is perimeter lighting that is aimed at the Project site to illuminate the school and play fields while also providing security. Two major causes of light pollution are glare and spill light. Spill light is caused by misdirected light that illuminates areas outside the area intended to be lit. Glare occurs when a bright object is against a dark background, such as oncoming vehicle headlights or an unshielded light bulb. In addition, as stated in the Program EIR, “when the surrounding conditions get brighter, more light is needed to see. Providing greater power than is needed potentially leads to debilitating glare and an increasing spiral of brightness as overbright projects populate surrounding conditions causing future projects to unnecessarily require greater power resulting in wasted energy.”⁵⁵ The construction of the new buildings would comply with the following SCs: SC-AE 2, SC-AE- 4, SC-AE 5, and SC-AE-6 plus consideration of efficient glazing materials and window films with glare control finishes as well as daylighting analysis, as noted in the Program EIR and LAUSD School Design Guide, to minimize effects of light trespass and glare. Therefore, the proposed Project would result in less than significant impacts to aesthetics related to the creation of a new source of substantial light or glare that would adversely affect daytime or nighttime views in the proposed Project area with implementation of SCs. No further analysis is warranted.

⁵⁵ Los Angeles Unified School District. September 2015. LAUSD School Upgrade Program EIR. Accessed 8/27/23.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FORESTRY RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997, as updated) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with existing zoning for agricultural use or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220[g]), timberland (as defined by Public Resources Code Section 4526) or timberland zoned Timberland Production (as defined by Government Code Section 51104[g])?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

The Program EIR does not include any include any SCs for minimizing Project impacts to agriculture and forestry resources. Projects implemented under the SUP were determined in the Program EIR to result in less than significant impacts to agriculture and forestry resources. The Project-specific analysis has determined that implementation of the proposed Project would result in no impacts to agriculture and forestry resources.

The Project site has been a completely developed school since 1937. There are no prime or unique farmlands or farmlands of local or statewide importance or suitable for such a designation. There are also no forest or timberland reserves. Project site visits confirmed that the only existing trees at the subject site were trees that had been planted for the school property. Agriculture and forestry resources in the Project vicinity were evaluated with regard to the Farmland Mapping and Monitoring Program (FMMP) of the California

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Department of Conservation, the Los Angeles City General Plan,⁵⁶ the California Department of Conservation Williamson Act Contract Land website,⁵⁷ and the Los Angeles City Zoning Code.⁵⁸

a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Impact. The Project site is currently developed and void of any agricultural uses. The California Department of Conservation Important Farmland Map for Los Angeles County identified the Project site as urban and built-up land. Further, there is no Prime Farmland, Unique Farmland, or Farmland of Statewide Importance located adjacent to the Project site. Therefore, no impact to Prime Farmland, Unique Farmland, or Farmland of Statewide Importance would occur.⁵⁹ No mitigation or further study is required.

b) Conflict with existing zoning for agricultural use or a Williamson Act contract?

No Impact. A Williamson Act contract is an agreement between private landowners and their city and/or county where the landowner voluntarily restricts their land to agriculture and compatible open space uses. The Project site is a school campus with no agricultural uses and does not include land enrolled in a Williamson Act contract. Therefore, no impact would occur regarding conversion of existing agriculture uses or Williamson Act contracts. No mitigation or further study is required.

c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

No Impact. The proposed Project would not conflict with existing zoning of forest land or cause rezoning of forest land, timberland, or timberland zoned for Timberland Production. The proposed Project does not involve any changes to current General Plan land use or zoning designations for forest land, or timberland. Additionally, there are no timberland-zoned production areas within the Project site or surrounding areas. Therefore, no impact to forest land or timberland would occur. No mitigation or further study is required.

d) Result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. The Project site and surrounding area contain no forest land. The Project site is located in an urbanized environment. Thus, implementation of the proposed Project would result in no impacts related to the loss or conversion of forest land to non-forest use. No mitigation or further study is required.

⁵⁶ Los Angeles Department of City Planning. Adopted September 2001. Conservation Element of the City of Los Angeles General Plan. Available at: <https://planning.lacity.org/cwd/gnlpln/consvelt.pdf>

⁵⁷ California Department of Conservation, Williamson Act Program. 2015-2016. Williamson Act Program Overview. Available at: https://www.conservation.ca.gov/dlrp/wa/Pages/wa_overview.aspx; map of Williamson Act contracts in Los Angeles County available at: <ftp://ftp.consrv.ca.gov/pub/dlrp/wa/>

⁵⁸ City of Los Angeles Municipal Code, Chapter I, Planning & Zoning, SEC. 12.04.09, "PF" Public Facilities Zone.

⁵⁹ California Department of Conservation. 2023. Maps, Reports, and Data. Available at: <https://www.conservation.ca.gov/dlrp/fmmp/>

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- e) **Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?**

No Impact. The Project site does not contain agricultural or forest uses. The Project site is developed with school facilities. No changes to the existing environment would occur from implementation of the proposed Project that could result in conversion of farmland to nonagricultural use or forest land to non-forest use. Thus, no impact would occur. No mitigation or further study is required.

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Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations.

Are significance criteria established by the applicable air district available to rely on for significance determinations? Yes No

Would the project:

- | | | | | |
|---|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| a. Conflict with or obstruct implementation of the applicable air quality plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Expose sensitive receptors to substantial pollutant concentrations? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explanation:

LAUSD has SCs for minimizing impacts to air quality. Applicable SCs related to air quality impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval

SC-AQ-1	<p>LAUSD shall complete a Health Risk Assessment for new campus locations that would place classrooms or play areas within close proximity (less than 0.25 mile) of existing sources of adverse emissions.</p> <p>LAUSD shall identify all permitted and non-permitted stationary sources, freeways and other busy traffic corridors, railyards, and large agricultural operations within 0.25 mile of the project. Once identified, make a determination about the need for qualitative evaluation, screening level evaluation in accordance with air district specific guidance and tools, or a refined evaluation with air dispersion modeling, to determine the if risks constitute an actual or potential endangerment of public health to persons who would attend or be employed at the school.</p> <p>For freeways and other busy traffic corridors within 500 feet, air dispersion modeling must be used to make the health risk determination (no screening, no qualitative discussion, etc.).</p> <p>The Health Risk Assessment shall comply with 'Air Toxics Health Risk Assessment (HRA)'. This document includes guidance on HRA protocols for permitted, non-permitted, and mobile sources that might reasonably be anticipated to emit hazardous air emissions and result in potential long-term and short-term health impacts to student and staff at the school site.</p>
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	<p>The HRA must find that health risks are below criteria thresholds. If health risks which exceed air district criteria thresholds are identified, the school campus shall be redesigned or relocated to a site farther from the emissions generator.</p>
SC-AQ 2	<p>Construction Contractor shall ensure that construction equipment is properly tuned and maintained in accordance with manufacturer's specifications, to ensure excessive emissions are not generated by unmaintained equipment.</p>
SC-AQ 3	<p>Construction Contractor shall:</p> <ul style="list-style-type: none"> • Maintain speeds of 15 miles per hour (mph) or less with all vehicles. • Load impacted soil directly into transportation trucks to minimize soil handling. • Water/mist soil as it is being excavated and loaded onto the transportation trucks. • Water/mist and/or apply surfactants to soil placed in transportation trucks prior to exiting the site. • Minimize soil drop height into haul trucks or stockpiles during dumping. • During transport, cover or enclose trucks transporting soils, increase freeboard requirements, and repair trucks exhibiting spillage due to leaks. • Cover the bottom of the excavated area with polyethylene sheeting when work is not being performed. • Place stockpiled soil on polyethylene sheeting and cover with similar material. • Place stockpiled soil in areas shielded from prevailing winds.
SC-AQ-4	<p>LAUSD shall analyze air quality impacts:</p> <p>If site-specific review or monitoring data of a school construction project identifies potentially significant adverse regional and localized construction air quality impacts, then LAUSD shall implement all feasible measures to reduce air emissions below the South Coast Air Quality Management District's (SCAQMD) regional and localized significance thresholds.</p> <p>Construction bid contracts shall include protocols that reduce construction emissions during high-emission construction phases from vehicles and other fuel driven construction engines, activities that generate fugitive dust, and surface coating operations. The Construction Contractor shall be responsible for documenting compliance with the identified protocols. Specific air emission reduction protocols include, but are not limited to, the following.</p> <p><u>Exhaust Emissions</u></p> <ul style="list-style-type: none"> • Schedule construction activities that affect traffic flow to off-peak hours (e.g. between 10:00 AM and 3:00 PM). • Consolidate truck deliveries and limit the number of haul trips per day. • Route construction trucks off congested streets, as permitted by local jurisdiction haul routes. • Employ high pressure fuel injection systems or engine timing retardation. • Use ultra-low sulfur diesel fuel, containing 15 ppm sulfur or less (ULSD) in all diesel construction equipment. • Use construction equipment rated by the United States Environmental Protection Agency as having at least Tier 4 (model year 2008 or newest available model) emission limits for engines between 50 and 750 horsepower. • Restrict non-essential diesel engine idle time, to not more than five consecutive minutes. • Use electrical power rather than internal combustion engine power generators. • Use electric or alternatively fueled equipment, as feasible. • Use construction equipment with the minimum practical engine size. • Use low-emission on-road construction fleet vehicles. • Ensure construction equipment is properly serviced and maintained to the manufacturer's standards.

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- Apply non-toxic soil stabilizers according to manufacturers' specification to all inactive construction areas (previously graded areas inactive for 10 days or more).
- Replace ground cover in disturbed areas as quickly as possible.
- Sweep streets at the end of the day if visible soil material is carried onto adjacent public paved roads (recommend water sweepers with reclaimed water).
- Install wheel washers where vehicles enter and exit unpaved roads onto paved roads, or wash off trucks and any equipment leaving the site each trip.
- Pave unimproved construction roads that have a traffic volume of more than 50 daily trips by construction equipment, and/or 150 daily trips for all vehicles.
- Pave all unimproved construction access roads for at least 100 feet from the main road to the project site.
- Enclose, cover, water twice daily, or apply non-toxic soil binders according to manufacturers' specifications to exposed piles (i.e., gravel, dirt, and sand) with a 5% or greater silt content.
- Suspend all excavating and grading operations when wind speeds (as instantaneous gusts) exceed 25 miles per hour (mph).
- Water disturbed areas of the active construction and unpaved road surfaces at least three times daily, except during periods of rainfall.
- Limit traffic speeds on unpaved roads to 15 mph or less.
- Prohibit fugitive dust activities on days where violations of the ambient air quality standard have been forecast by SCAQMD.
- Tarp and/or maintain a minimum of 24 inches of freeboard on trucks hauling dirt, sand, soil, or other loose materials.
- Limit the amount of daily soil and/or demolition debris loaded and hauled per day.

General Construction

- Use ultra-low VOC or zero-VOC surface coatings.
- Phase construction activities to minimize maximum daily emissions.
- Configure construction parking to minimize traffic interference.
- Provide temporary traffic control during construction activities to improve traffic flow (e.g., flag person).
- Prepare and implement a trip reduction plan for construction employees.
- Implement a shuttle service to and from retail services and food establishments during lunch hours.
- Increase distance between emission sources to reduce near-field emission impacts.

The primary air pollutants of concern for which ambient air quality standards (AAQS) have been established are ozone (O₃), carbon monoxide (CO), coarse inhalable particulate matter (PM₁₀), fine inhalable particulate matter (PM_{2.5}), sulfur dioxide (SO₂), nitrogen dioxide (NO₂), and lead (Pb). Areas are classified under the federal and California Clean Air Act as either in attainment or nonattainment for each criteria pollutant based on whether the AAQS have been achieved. The South Coast Air Basin (SoCAB), which is managed by the South Coast Air Quality Management District (SCAQMD), is designated nonattainment for O₃, and PM_{2.5} under the California and National AAQS, nonattainment for PM₁₀ under the California AAQS, and nonattainment for lead (Los Angeles County only) under the National AAQS.⁶⁰

⁶⁰ Area Designations Maps / State and National. August 22, 2014. Accessed October 01, 2018.
<http://www.arb.ca.gov/design/adm/adm.htm>.

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a) Conflict with or obstruct implementation of the applicable air quality plan?

Potentially Significant Impact. The proposed Project may violate any air quality standard or contribute substantially to an existing or projected air quality violation. The Draft EIR will thus analyze this impact and will identify applicable air quality standards and the federal and state attainment status for pollutants within the SoCAB. The Draft EIR will also include an analysis of the estimated emissions associated with construction and operation of the proposed Project, as well as an analysis of cumulative impacts associated with emissions of criteria pollutants.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Potentially Significant Impact. The proposed Project may result in a cumulatively considerable net increase of a criterial pollutant for which the Project region is in non-attainment under an applicable federal or state ambient air quality standard. The Draft EIR will thus analyze this impact and will identify air quality standards and the federal and state attainment status for pollutants within the SoCAB. The Draft EIR will also include an analysis of the estimated emissions associated with construction and operation of the proposed Project, as well as an analysis of cumulative impacts associated with emissions of criteria pollutants.

c) Expose sensitive receptors to substantial pollutant concentrations?

Potentially Significant Impact. The proposed Project may expose sensitive receptors to substantial pollutant concentrations. The Draft EIR will thus analyze this impact and will identify applicable air quality standards and the federal and state attainment status for pollutants within the SoCAB. The Draft EIR will also include an analysis of the estimated emissions associated with construction and operation of the proposed Project and will also include an analysis of impacts to nearby sensitive receptors associated with emissions of criteria pollutants.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less than Significant Impact. The proposed Project would result in less than significant impacts to air quality regarding the creation of objectionable odors that would adversely affect a substantial number of people. According to the California Air Resource Board (CARB's) Air Quality Handbook,⁶¹ land uses associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. There are no land uses typically associated with the generation of nuisance odors in the Project area. Construction of the proposed Project would release short-term odorous emissions, which would cease upon completion of the proposed Project; however, the implementation of SC-AQ-3 and SC-AQ-4, during construction activities would lower exhaust emissions and fugitive dust levels. The incorporation of SC-AQ-2 would mandate contractors to keep equipment properly tuned and thereby reduce harmful emissions and odors. Odors from landscaping equipment, such as lawnmowers and leaf blowers, would result from operation and maintenance activities of the proposed Project site, but would not change in comparison to the existing setting. Both construction and operation are

⁶¹ California Air Resources Board. April 2005. Air Quality and Land Use Handbook: A Community Health Perspective. <http://www.arb.ca.gov/ch/handbook.pdf>

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anticipated to result in less than significant impacts regarding emissions leading to odors or adversely affecting a substantial number of people. No further analysis is warranted.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modification, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to biological resources. Applicable SCs related to biological resources impacts associated with the proposed Project are provided below.

LAUSD Standard Conditions of Approval	
SC-BIO 1	<p>An LAUSD-qualified nesting bird Surveyor or Biologist shall identify plant and animal species and habitat within and near the project site. LAUSD will conduct a literature search, which shall consider a one-mile radius beyond the project construction site and shall be performed by a qualified nesting bird Surveyor or Biologist with knowledge of local biological conditions as well as the use and interpretation of the data sources identified below. Where appropriate, in the opinion of the Biologist, the literature search shall be supplemented with a site visit and/or aerial photo analysis. Resources and information that shall be investigated for each site should include, but not be limited to:</p> <ul style="list-style-type: none"> • United States Fish and Wildlife Service (USFWS) • National Marine Fisheries Services (NMFS) • California Department of Fish and Wildlife (CDFW) • California Native Plant Society (CNPS)

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- County and/or city planning or environmental offices for sensitive species, habitat, and/or heritage trees that may not exist on published databases.
- California Natural Diversity Data Base (CNDDDB) California Native Plant Society (CNPS) Rare Plant Inventory
- Local Audubon Society
- Los Angeles County Department of Regional Planning for information on Significant Ecological Areas
- California Digital Conservation Atlas for District-wide location of reserves, plan areas, and land trusts that may overlap with project sites.

Biological Resources Report

If a report is necessary and the LAUSD qualified nesting bird Surveyor or Biologist determines that a school construction project will affect an identified sensitive plant, animal, or habitat, a biological resources report shall be prepared. To provide a complete assessment of the flora and fauna within and adjacent to a site-specific project impact area, with particular emphasis on identifying endangered, threatened, sensitive, and locally unique species and sensitive habitats, the biological resources report shall include the following.

- Information on regional setting that is critical to the assessment of rare or unique resources.
- A thorough, recent floristic-based assessment of special status plants and natural communities, following the CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities. CDFW recommends that floristic, alliance- and/or association-based mapping and vegetation impact assessments be conducted at the project site and neighboring vicinity. The Manual of California Vegetation (Sawyer et al.) should also be used to inform this mapping and assessment. Adjoining habitat areas should be included in this assessment where site activities could lead to direct or indirect impacts offsite. Habitat mapping at the alliance level will help establish baseline vegetation conditions.
- A current inventory of the biological resources associated with each habitat type onsite and within the area of potential effect. CDFW's California Natural Diversity Data Base (CNDDDB) should be contacted to obtain current information on any previously reported sensitive species and habitat, including Significant Natural Areas identified under Chapter 12 of the Fish and Game Code.
- An inventory of rare, threatened, and endangered, and other sensitive species onsite and within the area of potential effect. Species to be addressed should include all those identified in CEQA Guidelines Section 15380, including sensitive fish, wildlife, reptile, and amphibian species. Seasonal variations in use of the project area should also be addressed. Focused species-specific surveys, conducted at appropriate time of year and time of day when sensitive species are active or otherwise identifiable, are required. Acceptable species-specific survey procedures should be developed in consultation with the CDFW and USFWS.
- A discussion of the potential adverse impacts from light, noise, human activity, exotic species, and drainage. Drainage analysis should address project-related changes on drainage patterns on and downstream from the site; the volume, velocity, and frequency of existing and post-project surface flows; polluted runoff; soil erosion and/or sedimentation in streams and water bodies; and post-project fate of runoff from the project site.
- Discussions about direct and indirect project impacts on biological resources, including resources in nearby public lands, open space, adjacent natural habitats, wetland and riparian ecosystems, and any designated and/or proposed or existing reserve lands

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	<p>(e.g., preserve lands associated with a NCCP). Impacts on, and maintenance of, wildlife corridor/movement areas, including access to undisturbed habitats in adjacent areas.</p> <ul style="list-style-type: none"> • Mitigation measures for adverse project-related impacts to sensitive plants, animals, and habitats. Measures should emphasize avoidance and reduction of biological impacts. For unavoidable impacts, onsite habitat restoration or enhancement should be outlined. If onsite measures are not feasible or would not be biologically viable, offsite measures through habitat creation and/or acquisition and preservation in perpetuity should occur. This measure should address restrictions on access, proposed land dedications, monitoring and management programs, control of illegal dumping, water pollution, increased human intrusion, etc. • Plans for restoration and vegetation shall be prepared by qualified nesting bird Surveyor or Biologist with expertise in southern California ecosystems and native plant vegetation techniques. Plans shall include, at a minimum: <ul style="list-style-type: none"> ○ Location of the mitigation site. ○ Plant species to be used, container sizes, and seeding rates. ○ Schematic depicting the mitigation area. ○ Planting schedule. ○ Irrigation method. ○ Measures to control exotic vegetation. ○ Specific success criteria. ○ Detailed monitoring program. ○ Contingency measures should the success criteria not be met. ○ Identification of the party responsible for meeting the success criteria and providing for conservation of the site in perpetuity. <p>LAUSD shall consult with the U.S. Army Corps of Engineers, USFWS and/or the CDFW and comply with any permit conditions or directives from those agencies regarding the protection, relocation, creation, and/or compensation of sensitive species and/or habitats.</p>
SC-BIO 2	<p>LAUSD shall protect sensitive wildlife species from harmful or disruptive exposure to light by shielding light sources, redirecting light sources, or using low intensity lighting. All exterior light fixtures shall be listed as dark sky compliant as required under SC-AE-6.</p>
SC-BIO 3	<p>LAUSD shall comply with the following specifications related to bird and bat nesting sites. Project activities (including, but not limited to, staging and disturbances to native and non-native vegetation, structures, and substrates⁶²) should occur outside of nesting season to avoid take of birds, bats, or their eggs.⁶³</p> <p>Bird Surveys - Construction Demolition or Vegetation Removal in or adjacent to Native Habitat</p> <ul style="list-style-type: none"> • For construction projects occurring in or adjacent to native habitat, a qualified LAUSD nesting bird Surveyor or qualified Biologist (Surveyor/Biologist) may determine that additional surveys are required outside of the breeding and nesting season (February 1st through August 31st, beginning January 1st for raptors) to determine if protected birds occupy the area (e.g., project site is adjacent to areas with suitable habitat for Southwestern willow flycatcher). • If avoidance of the avian breeding season is not feasible, beginning 30 days prior to the initiation of the project activities, the Surveyor/Biologist with experience conducting nesting bird surveys shall conduct weekly bird surveys to detect protected native birds occurring in suitable nesting habitat that is to be disturbed and (as access to adjacent

⁶² Substrate is the surface on which a plant or animal lives.

⁶³ Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture or kill (Fish and Game Code Section 86), and includes take of eggs and/or young resulting from disturbances that cause abandonment of active nests.

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areas allows) any other such habitat within 300 feet of the disturbance area (within 500 feet for raptors). The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of project activities. In areas that contain suitable habitat for listed species, species-specific surveys shall be conducted by a qualified Biologist authorized by the regulatory agencies.

If a protected bird is observed, additional protocol-level surveys may be required to determine if the sighting was a transient individual or if the site is used as nesting habitat for that species. Project activities shall be delayed until there is a final determination.

If an active nest is located, project activities within 300 feet of the nest (within 500 feet for raptor nests), or as determined by the Surveyor/Biologist shall be delayed until the nest is vacated and juveniles have fledged and there is no evidence of a second attempt at nesting. Flagging, stakes, and/or construction fencing shall be used to demarcate the boundary of the 300- or 500-foot buffer between the project activities and the nest or tree. Project personnel, including all Construction Contractors working on site, shall be instructed on the sensitivity of the area. Protective measures shall be documented to show compliance with applicable State and Federal laws pertaining to the protection of birds.

If the Surveyor/Biologist determines that a narrower buffer between the project activities and active nests is warranted, a written explanation for the change shall be submitted to the LAUSD OEHS CEQA Project Manager. If approved, the Surveyor/Biologist can reduce the demarcated buffer.

A Surveyor/Biologist shall be present on site during all grubbing and clearing of vegetation to ensure that these activities remain outside the demarcated buffer and that the flagging, stakes, and/or construction fencing are maintained, and to minimize the likelihood that active nests are abandoned or fail due to project activities. The Monitor shall send weekly monitoring reports to LAUSD OEHS CEQA Project Manager during the grubbing and clearing of vegetation, and shall notify LAUSD immediately if project activities damage avian nests.

Bird Surveys - Construction, Demolition, or Vegetation Removal at Existing Campuses

- If avoidance of the avian breeding season is not feasible, the Surveyor/Biologist with survey experience shall conduct a nesting bird surveys to determine if active nests are within or adjacent to the work area.
- The survey shall be conducted no more than 3 days prior to construction activities. A memo describing results of the survey shall be submitted to the OEHS CEQA Project Manager.
- If an active bird nest is observed, the Surveyor/Biologist shall determine the appropriate buffer around the nest. Buffers are determined on species-specific requirements and nest location.
- The Monitor shall send weekly monitoring reports to LAUSD OEHS CEQA Project Manager.
- No construction activity shall occur within the buffer zone until nest is vacated, juveniles have fledged, and there is no evidence of a second attempt at nesting.

Bat Surveys

- Bat species inventories and habitat use studies shall be completed for demolition or new construction projects in native habitat as well as projects that require the removal of mature conifer, cottonwood, sycamore or oak trees or abandoned buildings.
- Bat surveys must be conducted by a qualified bat Surveyor or Biologist (Surveyor/Biologist). The Surveyor/Biologist shall use the appropriate combination of structure inspection, sampling, exit counts, and acoustic monitors to survey an area that may be affected by the project.

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	<ul style="list-style-type: none"> • If bats are found, the Surveyor/Biologist shall identify the species and evaluate the colony to determine potential impacts. • Mitigation measures shall be determined on a project-specific basis and may include: <ul style="list-style-type: none"> ○ Avoidance ○ Humane exclusion prior to demolition <ul style="list-style-type: none"> ▪ Bats should not be evicted from roost sites during the reproductive period (May-September), or during winter hibernating periods to avoid direct mortality ▪ Bats should be flushed from trees prior to felling or trimming. <p>Off-site habitat improvements shall be conducted in coordination with the California Department of Fish and Wildlife.</p>
SC-BIO 4	<p>LAUSD shall comply with the following conditions if a new school would be located in an area containing native habitat or if a protected tree would be removed from an existing campus:</p> <p>New Construction in Native Habitat</p> <p>LAUSD shall avoid constructing new schools in areas containing mature native protected trees to the extent feasible. If site avoidance is not feasible, individual trees should be protected. If protected trees may be impacted, the following condition(s) may be required:</p> <ul style="list-style-type: none"> • Translocation of rare plants is prohibited in most instances. CDFW, in most cases does not recommend translocation, salvage, and/or transplantation of rare, threatened, or endangered plant species, in particular oak trees, as compensation for adverse effects because successful implementation of translocation is rare. Even if translocation is initially successful, it will typically fail to persist over time. • Permanent conservation of habitat. To ensure the conservation of sensitive plant species, the preferred method is permanent conservation of habitat containing these species; any translocation proposed shall only be an experimental component of a larger, more robust plan. • Off-site acquisition of woodland habitat. Due to the inherent difficulty in creating functional woodland habitat with associated understory components, the preferred method is off-site acquisition of woodland habitat in the local area. All acquired habitat shall be protected under a conservation easement and deeded to a local land conservancy for management and protection. • Creation of woodlands. Any creation of functioning woodlands shall be of similar composition, structure, and function of the affected woodland. The new woodland shall mimic the function, demonstrate recruitment, plant density, canopy, and vegetation cover, as well as other measurable success criteria before the measure is deemed a success. <ul style="list-style-type: none"> ○ All seed and shrub sources used for tree and understory species in the new planting site shall be collected or grown from on-site sources or from adjacent areas and may be purchased from a supplier that specializes in native seed collection and propagation. This method should reduce the risk of introducing diseases and pathogens into areas where they might not currently exist. ○ Woodland species should be replaced by planting seeds. Monitoring efforts, including the exclusion of herbivores, shall be employed to maximize seedling survival during the monitoring period. ○ Monitoring period for woodlands shall be at least 10 years with a minimum of 7 years without supplemental irrigation. This allows the trees to go through one typical drought cycle. This should also be the minimal time needed to see signs of stress and disease and determine the need for replacement plantings.

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	<p>LAUSD shall request CDFW review and comment on any translocation plans, habitat preservation, habitat creation and/or restoration plans.</p> <p>Removal of Protected Trees on Existing Campuses LAUSD shall comply with the LAUSD OEHS Tree Trimming and Removal Policy. This policy ensures the management of District trees while ensuring that District activities will not conflict with locally adopted tree preservation policies and ordinances</p>
SC-BIO-5	<p>LAUSD shall comply with CDFW recommendations:</p> <ul style="list-style-type: none"> • Project development or conversion that results in a reduction of wetland acreage or wetland habitat values shall not occur unless, at a minimum, replacement or preservation results in “no net loss” of either wetland habitat values or acreage. • All wetlands and watercourses, whether intermittent or perennial, should be retained and provided with substantial setbacks which preserve the riparian and aquatic values and maintain their value to on-site and off-site wildlife populations. • A jurisdictional delineation of creeks and their associated riparian habitats shall be conducted pursuant to the USFWS wetland definition. • Implementation of recommended measures shall compensate for affected mature riparian corridors and loss of function and value of wildlife corridors.

The Campus is fully developed and does not contain any habitat to support candidate, sensitive, or special status species. Special-status plant and wildlife species are those that are candidates, proposed, or listed as threatened or endangered by the U.S. Fish and Wildlife Service (USFWS) or the California Department of Fish and Wildlife (CDFW) and plant species that are considered sensitive by the California Native Plant Society. The proposed Project site is in the northwestern-most portion of the Los Angeles, California U.S. Geological Survey (USGS) 7.5-minute topographic quadrangle. According to searches of the CDFW California Natural Diversity Database,⁶⁴ there are 12 species within a 1-mile vicinity of the Project site that are considered special-status by local, State and/or federal agencies. The Project site does not contain suitable habitat necessary to support special-status wildlife species or designated critical habitat for any species listed as rare, threatened, or endangered pursuant to the federal Endangered Species Act.

According to a search of the USFWS National Wetlands Inventory (NWI)⁶⁵ and site assessment, there are no federally or State protected wetlands or Waters of the U.S. within the Project site as defined by Section 404 of the Clean Water Act or Section 1600 of the State Fish and Game Code.

As a fully developed and urbanized area, the Project site does not serve as a migratory corridor or nursery site capable of facilitating the movement of any native resident or migratory fish or wildlife species. However, mature trees may provide habitat for nesting birds afforded protection pursuant to the Migratory Bird Treaty Act (MBTA). The nearest identified habitat linkage occurs in the Los Angeles River, which is approximately 0.6 mile southwest, outside the potential impact area for the proposed Project.

The Arborist Report inventoried a total of 120 mature trees within the Project site afforded protection pursuant to the LAUSD OEHS Tree Trimming and Removal Procedure or any other local ordinances or policies

⁶⁴ California Department of Fish and Wildlife. 2023. Rarefind 5: California Natural Diversity Database.

⁶⁵ <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>. Accessed August 9, 2023.

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protecting biological resources (Appendix C). Of the 120 landscape trees on the campus, 116 are “significant” and four are “protected” (see Figure 11). The four “protected” landscape trees within the campus are:

- #5 (Western sycamore [*Platanus racemosa*] near intersection of Moss Avenue and Roswell Street; this area would not be demolished)
- #16 (Western sycamore near Shop #3 Building; this area would remain as-is)
- #67 (Western sycamore northwest of the Administration Building; this tree would need to be removed)
- #115 (Coast live oak [*Quercus agrifolia*] between the basketball courts and Marguerite Street; this area would remain as-is)

A site visit was conducted on July 5, 2023. Around the Project site, the landscape sidewalk trees within the public right-of-way include Western sycamore and Coast live oak trees. Although the Site Analysis & Program Development Report does not specify whether these four trees are natural or part of a landscaping plan, based on the July 2023 site visit, they appear to be planted trees.

The Project site is not located within any existing or proposed Habitat Conservation Plan (HCP); Natural Community Conservation Plan (NCCP); or other approved local, regional, or State habitat conservation plan.

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

No Impact. The proposed Project would result in no impact to biological resources related to a substantial adverse effect directly or through habitat modification on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulation or the CDFW or USFWS. The proposed Project site is located within a highly anthropogenically modified area of the City of Los Angeles and is encompassed by existing infrastructure. A records search confirmed no known historical occurrences for special status species within the boundaries of the proposed Project site. A records search identified 12 different species (five birds, three mammals, two invertebrates, one plant, and one reptile) with known historical occurrences within 1 mile of the proposed Project site. The Campus is characterized by existing buildings, expansive paved areas with little to no tree canopy coverage and a lack of landscape uniformity, with only a handful of planting areas. The proposed Project site does not contain suitable habitat for the 12 special-status species identified to occur within 1 mile of the proposed Project site. Similarly, the adjacent parcels are designated as General Plan land use designations for the properties surrounding the Project site include “Medium Residential” to the north, “Neighborhood Commercial” to the east and southeast, “Low Medium I Residential” to the south and southwest, and “Low Medium II Residential” to the west and northwest would not be expected to contain suitable habitat either. The nearest known occupied habitat for a sensitive species of plant or wildlife is the Los Angeles River, which contains riverine and riparian habitat and is located roughly 0.6 mile to the south of the proposed Project site. There is no proposed or designated critical habitat with the proposed Project site or adjacent parcels; therefore, there is no impact to USFWS-designated Critical Habitat. The nearest USFWS-designated Critical Habitat is for the Coastal California Gnatcatcher, approximately 10 miles to the southeast.

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The proposed Project would have no adverse effect on any candidate, sensitive, or special status species or designated Critical Habitat, and no mitigation or further analysis is warranted.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

No Impact. The proposed Project would result in no impact to biological resources in terms of having a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or afforded protection by the CDFW or USFWS. Sensitive communities are defined as providing suitable habitat for species regulated by local, State, or Federal resource agencies. The approximately 11.2-acre Campus currently contains 11 permanent buildings and six portable buildings (see Figure 6). The Campus is characterized by expansive paved areas with little tree canopy coverage and a lack of landscape uniformity, with only a handful of planting areas. As a result of a review of available historic records and maps, it has been determined that there are no sensitive natural communities, woodlands, coastal sage scrub, chaparral, natural drainages, or riparian habitat within the proposed Project, or in the adjacent parcels. The closest sensitive natural community is California Black Walnut Forest, located approximately 2.7 miles southeast of the site. The proposed Project would result in no substantial adverse changes to riparian habitat and other sensitive natural resources, and no mitigation or further analysis is warranted.

c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. The proposed Project would result in no impact to biological resources regarding having a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means. The proposed Project site is fully developed with asphalt and concrete, primarily lawn and ornamental tree landscaping, an artificial turf soccer field, and existing buildings; and there are no wetlands, streams, or other riparian or aquatic habitats present on the site. The USGS 7.5 minutes series Los Angeles topographic quadrangle and the NWI were reviewed, and there are no state or federally protected wetlands located within the proposed Project property or adjacent parcels. The Los Angeles River is the nearest state or federally protected wetlands and is located approximately 0.6 mile southwest of the proposed Project site. There would be no substantial adverse changes to these wetlands or any other areas potentially subject to 1600 or 404 jurisdictions. No mitigation or further analysis is warranted.

d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less than Significant Impact. The proposed Project would result in less than significant impacts to biological resources regarding interfering substantially with the movement of any native resident or migratory fish and/or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites. Important areas that facilitate wildlife movement are limited to foothills, streambed, canyon, ridgelines, and hillside areas. There are no prominent topographic or vegetative features associated with

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or surrounding the Project area that would funnel wildlife through the area; nor is there any contiguous natural habitat through which wildlife would be expected to move through. The nearest potential wildlife corridors are within the Los Angeles River, which is approximately 0.6 mile southwest of the proposed Project site.

However, the proposed Project site has the potential to provide breeding habitat for birds afforded protection pursuant to the MBTA during the breeding season (February 1 through August 31). There are 120 mature trees on the campus. It is anticipated that at least 48 trees, including #67 (Western sycamore), would be removed, and additional trees would be located near construction activities (see Appendix C). Tree removal, building demolition, and construction-related noise and vibration may have the potential to disrupt birds that are nesting in the trees or buildings during breeding season. Therefore, construction activities (including demolition and tree removal) have the potential to impact nesting birds. However, the proposed Project would implement SC-BIO 3 so that removal of the trees shall occur outside of the nesting season. If avoidance of breeding season is not feasible, implementation of SC-BIO 3 including pre-construction clearance surveys, monitoring of nesting birds during vegetation clearing, and protective buffer zones surrounding observed nests during construction activities would reduce impacts to less than significant. No mitigation or further study is required.

e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less than Significant Impact. The proposed Project would result in less than significant impacts after the incorporation of LAUSD Standard Conditions of Approval SC-BIO 1 through 5 in relation to conflicts with local policies or ordinances protecting biological resources. Per the LAUSD Tree Trimming and Removal Procedure guidelines, “protected” trees include all indigenous oaks species (excluding scrub oak), western sycamore, American sycamore, Southern California black walnut, and California bay laurel, if they measure 4 inches or more in cumulative diameter at 4.5 feet above ground level at the base of the tree and were not grown as part of a tree planting program.⁶⁶ A “significant” tree is any tree with a trunk diameter of 8 inches or larger. Four protected trees are within the boundaries of the proposed Project site, including one oak tree and three western sycamore trees. An additional 116 trees were identified as “significant” within the proposed Project site boundaries (see Appendix C). It is anticipated that at least 48 trees, including #67 (western sycamore), would be removed, and additional trees would be located near construction activities. In accordance with SC-BIO 4, any relocation or removal of protected or significant tree species within the proposed Project would be subject to the LAUSD tree trimming and removal procedure guidelines, which requires submittal of a Tree Removal Application and approval by the Director of OEHS and replacement equivalent to the City of LA Tree Preservation Ordinance requirements.

No Wildflower Reserve Areas, Significant Ecological Areas, or Coastal Resource Areas overlap the Project site boundaries. Tree removal, building demolition, and construction-related noise and vibration may have the potential to disrupt birds that are nesting in the trees or buildings during breeding season. Therefore, construction activities (including demolition and tree removal) have the potential to impact nesting birds. However, the proposed Project would implement SC-BIO 3 so that removal of the trees will occur outside of the nesting season. If avoidance of breeding season is not feasible, implementation of SC-BIO 3 including pre-

⁶⁶ Los Angeles Unified School District Office of Environmental Health & Safety. Revised April 24, 2023. Tree Trimming & Removal Procedure. https://www.lausd.org/cms/lib/CA01000043/Centricity/Domain/135/LAUSD_Tree_Protection.pdf

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construction clearance surveys, monitoring of nesting birds during vegetation clearing, and protective buffer zones surrounding observed nests during construction activities would reduce impacts to less than significant.

Impacts would be less than significant after implementation of LAUSD Standard Conditions of Approval SC-BIO 1 through 5.

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The proposed Project would result in no impact to biological resources regarding conflicts with the provisions of an adopted HCP; NCCP; or other approved local, regional, or State habitat conservation plan. The closest HCP or NCCP is the Orange County Transportation Authority NCCP/HCP, located more than 10 miles from the proposed Project site. The proposed Project would result in no substantial adverse changes to biological resources in terms of conflicts with the provisions of an HCP, NCCP or other local, regional, or state habitat conservation plan. No mitigation or further analysis is warranted.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES: Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to cultural resources. Applicable SCs related to cultural resources impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-CUL-1	<p>Historic Architect</p> <p>For projects involving structural upgrades to historic resources, the Design Team shall include a qualified Historic Architect with demonstrated project-level experience in historic projects.</p> <p>For campuses with qualifying historical resources under CEQA, the Design Team shall include a LAUSD-qualified Historic Architect. The Historic Architect/s shall meet the Secretary of the Interior's Professional Qualifications Standards and the standards described on page 8 of the LAUSD Design Guidelines and Treatment Approaches for Historic Schools.</p> <p>Throughout the project design progress the Historic Architect shall provide input to ensure compliance with the Secretary of the Interior's Standards for the Treatment of Historic Properties and LAUSD requirements and guidelines for the treatment of historical resources.</p> <p>Role of the Historic Architect</p> <p>The tasks of the Historic Architect on the Design Team shall include, but are not limited to:</p> <ul style="list-style-type: none"> • The Historic Architect shall work with the Design Team (including the Structural Engineer) and LAUSD to ensure that project components, including new construction and modernization of existing facilities, comply with the Secretary of the Interior's Standards for the Treatment of Historic Properties and LAUSD Design Guidelines and Treatment Approaches for Historic Schools. The Historic Architect shall work with the Design Team and LAUSD throughout the design process to develop project options that facilitate compliance with the applicable historic preservation standards. • For new construction, the Historic Architect shall work with the Design Team and LAUSD to identify options and opportunities for: (1) ensuring compatibility of scale and character for new construction, site and landscape features, and circulation corridors, and (2) ensuring that new construction is designed and sited in such a way that reinforces and strengthens, as much as feasible, character-defining site plan features, landscaping, and circulation corridors throughout campus. • For modernization and upgrade projects involving contributing (significant) buildings or features, the Historic Architect shall work with the Design Team and LAUSD to ensure that specifications for design and implementation of projects comply with the applicable historic preservation standards.

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	<ul style="list-style-type: none"> • The Historic Architect shall participate in Design Team meetings during all phases of the project through 100% construction drawings, pre-construction, and construction phases, as applicable. • The Historic Architect shall prepare a memo at the 50% and at the 100% construction drawings stages, demonstrating how principal project components and treatment approaches comply with applicable historic preservation standards, including the Secretary of the Interior's Standards for the Treatment of Historic Properties and LAUSD Design Guidelines and Treatment Approaches for Historic Schools. The memos shall be submitted to LAUSD OEHS for review. • The Historic Architect shall participate in pre-construction and construction monitoring activities, as appropriate, to ensure continuing conformance with Secretary's Standards and/or avoidance of a material impairment of the historical resources. • The Historic Architect shall provide specifications for architectural features or materials requiring restoration or removal, maintaining and protecting relevant features in place, or on-site storage. Specifications shall include detailed drawings or instructions where historic features may be impacted. • The Design Team and Historic Architect shall be responsible for incorporating LAUSD's recommended updates and revisions during the design development and review process.
<p>SC-CUL-2</p>	<p>LAUSD shall follow the guidelines outlined in these documents to the maximum extent practicable when planning and implementing projects and adjacent new construction involving historical resources.</p> <p>The Design Team, Historic Architect, and Construction Contractor shall apply LAUSD School Design Guide and LAUSD Design Guidelines and Treatment Approaches for Historic Schools and the Secretary's Standards for all new construction and modernization projects. In keeping with the District's adopted policies and goals, historical resources shall be reused rather than destroyed, where feasible.</p> <p>General guidelines include:</p> <ul style="list-style-type: none"> • Retain and preserve the character of historic resources. • Repair rather than remove, replace, or destroy character-defining features; if replacement is necessary, replace in-kind to match materials, dimensions, and appearance. • Treat distinctive architectural features or examples of skilled craftsmanship that characterize a building with sensitivity. • Where practical, conceal reinforcement required for structural stability or the installation of life safety or mechanical systems. <p>Where necessary to halt deterioration and after the preparation of a condition assessment, undertake surface cleaning, preparation of surfaces, and other projects involving character-defining features using the least invasive, gentlest means possible. Avoid using any abrasive materials or methods including sandblasting and chemical treatments.</p>
<p>SC-CUL-3</p>	<p>Prior to any major alteration to or adjacent to a historic resource that may potentially damage historic resources (or previously identified historic features), the Historic Architect shall develop a Temporary Protection Plan that identifies potential risks to the historic resource. The Temporary Protection Plan shall be prepared in coordination with the Construction Contractor and LAUSD prior to demolition or construction. The Temporary Protection Plan may include, but not be limited to, the following components:</p> <ul style="list-style-type: none"> • Notation of the historic resource on construction plans. • Pre-construction survey to document the existing physical condition of the historic resource.

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	<ul style="list-style-type: none"> • Procedures and timing for the placement and removal of temporary protection features, around the historic resource. • Monitoring of the installation and removal of temporary protection features by the Historic Architect, or designee. • Post-construction survey to document the condition of the historic resource after Project completion. • Preparation of a technical memorandum documenting the pre-construction and post-construction conditions of the historic resource and compliance with protective measures outlined Temporary Protection Plan.
SC-CUL-4	<p>Prior to significant alteration or demolition of a historical resource, LAUSD shall retain an Architectural Photographer and/or a Historian or Architectural Historian who meet the Secretary of the Interior's Professional Qualifications Standards and who shall prepare a HABS-like Historic Documentation Package (Package).</p> <p>The Package shall include photographs and descriptive narrative. Documentation will draw upon primary- and secondary-source research including available studies prepared for the property (measured drawings are not required). The specifications for the Package include:</p> <ul style="list-style-type: none"> • Photographs: Photographic documentation shall focus on the historical resources/features proposed to be significantly altered or demolished, with overview and context photographs for the campus and adjacent setting. A professional-quality camera will be used to take photographs of interior and exterior features of the buildings. Photographs will include context views, elevations/exteriors, architectural details, overall interiors, and interior details (if warranted). Digital photographs will be in black and white (as well as in color or as requested by the District) and provided in an electronic format. • Descriptive and Historic Narrative: The Historian or Architectural Historian shall prepare descriptive and historic narrative of the historical resources/features. Physical descriptions will detail each resource, elevation by elevation, with accompanying photographs and information on how the resource fits within the broader campus during its period of significance. The historic narrative will include available information on the campus design, history, architect/contractor/designer as appropriate, history of the area, and historic context. In addition, the narrative will include a methodology section specifying the name of researcher, date of research, and sources/archives visited, as well as a bibliography. Within the written history, statements shall be footnoted as to their sources, where appropriate. <p>Historic Documentation Package Submittal: Upon completion of the descriptive and historic narrative, all materials will be compiled in electronic format and presented to LAUSD for review and comment. Upon approval, one electronic copy and one hard copy shall be submitted to LAUSD OEHS. Photographs will be individually labeled and provided to LAUSD in electronic format.</p>
SC-CUL-5	<p>LAUSD shall comply with Design Specification 01 3591, Historic Treatment Procedures, as applicable. This Specification requires the Construction Contractor to submit a Historic Treatment Plan to the District for the protection, repair, and replacement of historic materials and features.</p>
SC-CUL-6	<p>LAUSD shall retain a qualified Archaeologist to be available on-call. The Archaeologist shall meet the Secretary of the Interior's Professional Qualifications Standards (48 Federal Register 44738–39). The archaeologist must have knowledge of both prehistoric and historical archaeology.</p> <p>To reduce impacts to previously undiscovered buried archaeological resources, following completion of the final grading plan and prior to any ground disturbance, a qualified archaeologist shall prepare an Archaeological Monitoring Program as described under SC-CUL-7.</p>

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SC-CUL-7	<p>The Construction Contractor shall halt construction activities within a 30 foot radius of the find and shall notify the LAUSD.</p> <ul style="list-style-type: none"> • LAUSD shall retain an Archaeologist that meets the Secretary of the Interior’s Professional Qualifications Standards (48 Federal Register 44738–39). The archaeologist must have knowledge of both prehistoric and historical archaeology. • The Archaeologist shall have the authority to halt any project-related construction activities that could impact potentially significant resources. • The Archaeologist shall be afforded the necessary time to recover and assess the find. Ground-disturbing activities shall not continue until the discovery has been assessed by the Archaeologist. With monitoring, construction activities may continue on other areas of the project site during evaluation and treatment of historic or unique archaeological resources. • If the find is determined to be of value, the Archaeologist shall prepare an Archaeological Monitoring Program and shall monitor the remainder of the ground-disturbing activities. • Significant archaeological resources found shall be curated as determined necessary by the Archaeologist and offered to a local museum or repository willing to accept the resource. • Archaeological reports shall be submitted to the South Central Coastal Information Center at the California State University, Fullerton. • The Archaeological Monitoring Plan shall include: <ul style="list-style-type: none"> ○ Extent and duration of the monitoring based on the grading plans ○ At what soil depths monitoring of earthmoving activities shall be required ○ Location of areas to be monitored ○ Types of artifacts anticipated ○ Procedures for temporary stop and redirection of work to permit sampling, including anticipated radius of suspension of ground disturbances around discoveries and duration of evaluation of discovery to determine whether they are classified as unique or historical resources ○ Procedures for maintenance of monitoring logs, recovery, analysis, treatment, and curation of significant resources ○ Procedures for archaeological resources sensitivity training for all construction workers involved in moving soil or working near soil disturbance, including types of archaeological resources that might be found, along with laws for the protection of resources. The sensitivity training program shall also be included in a worker’s environmental awareness program that is prepared by LAUSD with input from the Archaeologist, as needed. ○ Accommodation and procedures for Native American monitors, if required. ○ Procedures for discovery of Native American cultural resources. • The construction manager shall adhere to the stipulations of the Archaeological Monitoring Plan.
SC-CUL-8	<p>Cultural resources sensitivity training shall be conducted for all construction workers involved in ground-disturbing activities. This training shall review the types of archaeological resources that might be found, along with laws for the protection of resources and shall be included in a worker’s environmental awareness program that is prepared by LAUSD with input from a qualified Archaeologist, as needed.</p>
SC-CUL-9	<p>LAUSD shall determine whether it is feasible to prepare and implement a Phase III Data Recovery/Mitigation Program. If feasible, the Archaeologist shall prepare a Phase III Data Recovery/Mitigation Program to outline procedures to recover a statistically valid sample of the archaeological remains and to document the site and reduce impacts to be less than significant. All documentation shall be prepared in the standard format of the ARMR Guidelines, as prepared by the OHP. Once a Phase III Data Recovery/Mitigation Program is completed, an</p>

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	Archaeological Monitor shall be present to oversee the ground-disturbing activities to ensure that construction proceeds in accordance with the Program.
SC-CUL-10	All work shall stop within a 30-foot radius of the discovery. Work shall not continue until the discovery has been evaluated by a qualified Archaeologist and the local Native American representative has been contacted and consulted to assist in the accurate recordation and recovery of the resources.
SC-CUL-11	<p>LAUSD shall retain a Paleontological Monitor to oversee specific ground-disturbing activities as determined by the scope of work and final grading plan. The Monitor shall provide the construction crew(s) with a brief summary of the sensitivity, the rationale behind the need for protection of these resources, and information on the initial identification of paleontological resources.</p> <p>If paleontological resources are uncovered, the Construction Contractor shall halt construction activities within a 30 foot radius of the find and shall notify the LAUSD.</p> <ul style="list-style-type: none"> • Ground-disturbing activities shall not continue until the discovery has been assessed by the Paleontologist. • The paleontologist shall have the authority to halt construction activities to allow a reasonable amount of time to identify potential resources. • Significant resources found shall be curated as determined necessary by the Paleontologist.

a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

Potentially Significant Impact. As documented in the HRER (Appendix B), the Campus is eligible for federal, state, or local, designation, and is considered a historical resource for the purpose of CEQA.⁶⁷ Irving MS was given a status code of 3S, or recommended eligible for listing in the National Register of Historic Places (NRHP), through survey evaluation.⁶⁸ A historic resources technical report will be prepared as part of the Draft EIR, which will evaluate the potential for implementation of the Project to substantially change the significance of an identified historical resource and will include mitigation measures and/or alternatives to reduce impacts to historical resources, if necessary.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less than Significant Impact. Implementation of the proposed Project would cause less than significant impacts in relation to causing a substantial adverse change in the significance of an archaeological resource. As documented in the Updated Program EIR and confirmed in an updated record search at the South Central Coastal Information Center (SCCIC), there are no known archaeological resources on or within a quarter mile radius of the proposed Project site. The SCCIC record search indicates that there is one report within the project area and five within a quarter mile radius. Although it is unlikely that archeological resources are present on the proposed Project site, it is possible that construction activity could unearth archaeological resources. If archaeological resources are discovered during construction, LAUSD shall implement standard conditions SC-

⁶⁷ Marilyn Novell, Shannon Davis. August 24, 2022. Final Historic Resource Evaluation Report for Irving Middle School, Los Angeles, California

⁶⁸ Heumann, Leslie, & Associates, and Anne Doehne 2002 Historic Schools of the Los Angeles Unified School District. Science Applications International Corporation, a presentation prepared for LAUSD Facilities Services Division (March 2002)

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CUL-6 through -9 for evaluation and appropriate treating the archaeological resources. Therefore, the impacts would be less than significant. No mitigation or further study is required.

c) **Disturb any human remains, including those interred outside of formal cemeteries?**

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to disturbing any human remains, including those interred outside of formal cemeteries. Based on a review of USGS topographic maps, an updated records search at the SCCIC, and the known history of use of the site there has not been a formal cemetery on the site and there is a low potential to encounter human remains in relation of the historic land uses of the site, including occupation by indigenous people. Although unlikely, it is possible that construction activity could unearth previously unknown human remains. If human remains are unearthed during construction, the LAUSD shall implement the process specified by SC-CUL-10 and Section 7050.5 of the California Health and Safety Code. The Los Angeles County Coroner shall be notified, and no further disturbance shall occur until the County Coroner has made the necessary findings as to the origin and disposition. Therefore, the impacts would be less than significant. No mitigation or further study is required.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. Energy: Would the project:				
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Conflict with or obstruct a state or local plan for renewable energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

The proposed Project would comply with CHPS green building criteria⁶⁹ and LAUSD policies.⁷⁰ The proposed Project is designed to meet CHPS criteria for energy performance and LAUSD sustainability guidelines, with implementation of an energy management system. LAUSD is a current member of the CHPS (since 2001) and consistently applies sustainable construction principles as part of its development criteria. CHPS criteria were established for the development of high-performance schools to create a better educational experience for students and teachers by designing the best facilities possible. CHPS-designed facilities are planned to be healthy, comfortable, energy efficient, material efficient, easy to maintain and operate, commissioned, environmentally responsive site, a building that teaches, safe and secure, community resource, stimulating architecture, and adaptable to changing needs.

Electrical Power. Electrical power in the City of Los Angeles, including the Project site, is supplied by the Los Angeles Department of Water and Power (LADWP). Electricity provided by the LADWP is generated from a diverse mix of power sources, including coal, natural gas, nuclear, and large hydropower, in addition to renewable sources such as wind, solar, small hydroelectric, biomass & bio-waste, and geothermal. The 2022 Strategic Long-Term Resource Plan, a 25-year roadmap, provides guidance for the LADWP's Power System to supply reliable and cost-effective electricity to attain 100 percent carbon-free energy system by 2035. Overhead electrical distribution lines (110–161 kilovolt) operated by Southern California Edison closest to the proposed Project are located approximately 40 feet southeast, along the northern, western, and eastern edges of the perimeter of and opposite of Marguerite Street, along the southern edge of the roadway.⁷¹

Henderson Engineers prepared a site analysis report in 2023 that characterized baseline conditions for energy resources on-site.⁷² Power distribution for the campus is provided by an outdoor 480 volt (V), three phase, four wire, 2,500 ampere (amp) 65KAIC main switchboard. The switchboard provision date and manufacturer is currently unknown but was revised from its original campus construction. It is located at the south-east quadrant of the campus along Marguerite Street. There are two electrical service locations on campus. The main

⁶⁹ Collaborative for High Performance Schools. N.d. CHPS Criteria. <https://chps.net/chps-criteria>

⁷⁰ Los Angeles Unified School District. June 8, 2015. Policy Bulletin: Energy and Resource Conservation Policy. http://learninggreen.laschools.org/uploads/8/0/0/0/8000811/bul-6513_energyconservationpolicy.pdf

⁷¹ California Energy Commission. 2023. California Electric Infrastructure App. Available at: <https://www.energy.ca.gov/maps/>

⁷² Henderson Engineers. February 2023. MEP – Site Summary – 10372111. Irving STEAM Magnet Middle School, 3010 Estara Avenue, Los Angeles CA 90065. Prepared for LAUSD.

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electrical service yard is located south between the existing basketball courts and new classroom buildings, just north of Marguerite Street. The secondary electrical service is located along the northwestern perimeter of the site.

Water Consumption. Water supply in the City of Los Angeles, including the Project site, is supplied by LADWP. Substantial energy is required to pump and transport water into the Los Angeles basin. Source water extraction, treatment and local distribution also require significant amounts of energy. The Los Angeles Aqueduct, local groundwater, and supplemental water purchased from the Metropolitan Water District of Southern California (MWD) are the primary sources of water for the city. LADWP has initiated a study to determine the nexus between water and energy consumption, and to evaluate the associated carbon footprint of its water supply sources. The water purchased from MWD is the most energy intensive source of water for LADWP. This is followed by the local production of recycled water and the treatment of groundwater.⁷³ Because water supplies are declining due to environmental degradation, variable hydrology, and impacts from climate change, the LADWP is implementing recycled water programs, such as “operation NEXT water supply” to fill a larger portion of the city’s water supply portfolio while reducing dependence on imported water. The first water meter is located on the east side of the school that connects to the Administration Building along Estara Avenue. The second water meter is located southeast of the school that connects to the Auditorium. The third water meter for the new classroom building is located on the southern side of the school along Marguerite Avenue.

The California Urban Water Management Planning Act (effective January 1, 1984) requires that every urban water supplier prepare and adopt an Urban Water Management Plan (UWMP) every 5 years. The LADWP’s 2020 UWMP is the most recent plan available. It is the City’s master plan for water supply and resources management and is consistent with the City’s goals and policy objectives.⁷⁴ Total water demand varies from year to year and is influenced by population growth, weather, water conservation efforts, drought, and economic activity. From fiscal year (FY) 2012/13 through FY 2014/15, drought conditions triggered State and City mandatory conservation measures. This helped to reduce water use by 13 percent from FY 2013/14 to FY 2014/15, and average water demand between FY 2015/16 and FY 2019/20 was lower compared to 1970s recordings. Since 1991, the City of Los Angeles has recognized that water conservation is a foundation to improve water supply reliability. Water use must be characterized as either indoor or outdoor use in order to determine the potential for water use efficiency and target conservation programs. The city is currently aiming for a 25 percent per capita reduction in potable water by 2035 and strives to maintain the same reduction rate through 2050, using FY 2013/14 as a baseline.

Natural Gas. As stated in the SUP Program EIR, natural gas is provided to the City of Los Angeles including the Project site by the Southern California Gas Company (SoCalGas). SoCalGas obtains most of its natural gas supply from sources outside of California, primarily from basins in the southwestern United States and Canada, including the Rocky Mountains.⁷⁵ According to the SoCalGas website, SoCalGas owned or operated high-pressure distribution lines are located approximately 0.42 mile southwest of the Project site, along San Fernando

⁷³ Los Angeles Department of Water and Power. Approved April 29, 2021. 2020 Urban Water Management Plan. Available at: <https://www.ladwp.com/cs/groups/ladwp/documents/pdf/mdaw/nzyy/~edisp/opladwpccb762836.pdf>

⁷⁴ Los Angeles Department of Water and Power. Approved April 29, 2021. 2020 Urban Water Management Plan. Available at: <https://www.ladwp.com/cs/groups/ladwp/documents/pdf/mdaw/nzyy/~edisp/opladwpccb762836.pdf>

⁷⁵ California Gas and Electric Utilities. 2023. 2023 California Gas Report. Available at: https://www.socalgas.com/sites/default/files/Joint_Biennial_California_Gas_Report_2023_Supplement.pdf

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Road.⁷⁶ Based on provided utility consumption report, the campus is served by a total of three gas meters. The first gas meter is located on the eastern side of the Administration Building off Estara Avenue. The second gas meter is located on the southern side of Building 2. The third gas meter is located along the southeastern perimeter of the Homemaking Building.

Petroleum Based Fuel. California currently imports two-thirds of its petroleum from out-of-state, and accounts for about 10 percent of U.S. gasoline and diesel consumption. California has continued its shift away from fossil fuels to zero-emission and near-zero-emission vehicles powered by renewable sources to achieve its climate goals, with the governor’s goals to displace 1.5 billion gallons of petroleum fuels with 1.5 million zero-emissions vehicles by 2025.^{77,78}

a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less than Significant Impact. The proposed Project would result in less than significant impacts related to wasteful, inefficient, or unnecessary consumption of energy resources.

Construction Phase

The proposed Project would ensure compliance with existing state and local plans by replacing outdated buildings with CHPS-design facilities. The facilities are designed with sustainability features provided by the guidelines; including “cool roof” building materials, lighting to reduce energy use and light pollution, water, and energy-efficient design. Construction of the proposed Project would create temporary increased demands for electricity and vehicle fuels. Transportation energy use depends on the type and number of trips, per capita vehicle miles traveled (VMT), fuel efficiency of vehicles, and travel mode. During construction, energy use would come from the transport and use of construction equipment, delivery vehicles, and construction employee vehicles that use diesel fuel or gasoline. Vehicles would fluctuate according to the phase of construction and would be temporary; the Contractor, pursuant to 13 CCR, Article 4.8, Chapter 9, Section 2249, shall minimize nonessential idling of construction equipment.

While off-road equipment would be required for construction activities proposed, certain activities would be limited to hand tools, such as power drills, and lighting, which require minimal electricity. Natural gas-powered-equipment would additionally be used for proposed activities, which would comply with SC-USS-1 (see *Utilities and Service Systems*, below), requiring the reuse, recycling, salvaging, or disposal of nonhazardous waste materials during demolition and new construction to foster material recovery and reuse, to minimize disposal in landfills. Los Angeles Municipal Code (LAMC) specific requirements sourced from the CALGreen code, including the required recycling of construction materials and energy efficiency standards, would apply to the proposed Project’s construction activities. The proposed Project is not anticipated to result in inefficient, wasteful, or unnecessary impacts of energy use during construction; impacts would be less than significant.

⁷⁶ Southern California Gas Company. n.d. Natural Gas Pipeline Map. Available at:

<https://socalgas.maps.arcgis.com/apps/webappviewer/index.html?id=c85ced1227af4c8aae9b19d677969335>

⁷⁷ California Energy Commission. 2016. 2016 Integrated Energy Policy Report Update. Publication Number: CEC-100-2016-003-CMF. Available at: https://www.energy.ca.gov/2016_energypolicy/

⁷⁸ Office of the Governor of California. March 23, 2012. Executive Order B-16-2012. Available at: <https://www.ca.gov/archive/gov39/2012/03/23/news17472/index.html>

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Operational Phase

The proposed Project would result in no impacts during operations regarding wasteful, inefficient or unnecessary consumption of energy resources. The proposed Project's operational consumption of energy resources would include electricity and natural gas usage to power assets pertaining to landscaping maintenance, light fixtures, equipment, and similar functions. Operation of the proposed Project would consume energy, but would not introduce any new demand for electricity, natural gas, and transportation on the Project site. Existing uses include heating, cooling, and ventilation of buildings, water heating, operation of electrical systems, use of on-site equipment and appliances, and indoor/outdoor/perimeter lighting. The proposed Project would result in a reduced demand of energy use with the implementation of CHPS-design facilities.

Vehicular travel to and from the proposed Project site would also consume energy resources and include the use of personal vehicles for staff and student pickup and drop-offs, along with school buses for public travel and delivery trucks to maintain operations at the proposed Project site. The travel demand to and from the campus, and associated energy use, would not result in any changes to the existing condition on-site. The Program EIR provides that the school's capacity is not expected to increase, and energy demand would also not increase with implementation of the proposed Project. The proposed Project would also comply with SC-GHG-5 (see *Greenhouse Gas Emissions*, below), requiring the proposed Project to be at least 10 percent more energy efficient than the Building Efficiency Standards.

The proposed Project would result in less than significant impacts in relation to energy consumption and would result in a net benefit with incorporation of CHPS design and sustainability features. No further analysis is warranted.

b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

No Impact. The proposed Project would result in no impact in relation to conflicts with or obstructions of a state or local plan for renewable energy or energy efficiency. Renewable sources of electricity include wind, small hydropower, solar, geothermal, biomass, and biogas. Electricity production from renewable sources is generally considered carbon neutral. The proposed Project is subject to the energy-efficient provisions of the current California Building Standards Code (CCR Title 24), CHPS criteria, and applicable CALGreen (CCR Title 24, Part 11) mandatory measures.⁷⁹ Construction and operation of the proposed Project would remove existing permanent and temporary buildings, to provide CHPS-design facilities.

Executive Order S-14-08, signed in November 2008, expanded the state's renewables portfolio standard (RPS) to 33 percent renewable power by 2020. This standard was adopted by the Legislature in 2011 (SB X1-2). The statewide RPS goal is not directly applicable to individual development projects, but to utilities and energy providers such as LADWP, which provides all the electricity needs for the proposed Project. The proposed Project would comply with LADWP in meeting the RPS goals by implementing energy efficient buildings to comply with the latest 2019 Building Energy Efficiency Standards and CALGreen, in addition to SC-GHG-5. The proposed Project would not conflict with any state or local plan and would implement more energy efficient and sustainability features. All SUP-related projects, including the proposed Project, have been designed in

⁷⁹ California Building Standards Commission. Effective January 1, 2023. 2023 California Green Building Standards Code. CALGreen (Part 11 of Title 24). Available at: <http://www.bsc.ca.gov/Home/CALGreen.aspx>

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conformance with District Standards for energy efficiency and would comply with CHPS and LAUSD sustainability guidelines.

Since the proposed Project would result in improvements to energy use on the campus and address infrastructure vulnerabilities, the proposed Project would not result in conflicts with or obstructions of a state or local plan for renewable energy or energy efficiency, no impacts would occur. No further analysis is warranted.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS. Would the project:				
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to California Geological Survey Special Publication 42.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii. Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii. Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv. Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994, as updated), creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Explanation:

LAUSD has one SC for minimizing impacts to geology and soils. Applicable SCs related to geology and soils impacts associated with the proposed Project are provided below. The SC requiring the preparation of a Geohazard Assessment has been met through the preparation of the 2023 Geological Investigation for Irving Middle School Modernization by RMA Group (Appendix D, *Geotechnical Investigation*). The report contains geotechnical construction recommendations and procedures that must be followed as part of Project design.

LAUSD Standard Conditions of Approval

SC-GEO-1	LAUSD shall prepare a Geohazard Assessment for the construction of any new school or applicable school addition.
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- a. **Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:**
- i. **Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to California Geological Survey Special Publication 42.)**

No Impact. The proposed Project would result in no impacts in relation to the rupture of a known earthquake fault. The proposed Project site is located entirely within an Alquist Priolo Earthquake Fault Zone, with the Hollywood Fault and the Raymond Fault running beneath the campus, as mapped by the California Geological Survey.⁸⁰ As shown in **Figure 12: Geologic and Fault Map**, multiple known earthquake faults have been mapped beneath the Campus. The Hollywood Fault is estimated to be located in the southern corner of the Campus running west beneath the New Classroom Building and the Soccer Field; the Raymond Fault is estimated to be located in the north corner of the site running west beneath the Athletic Field; and a postulated fault is estimated to run west beneath the Homemaking Building, Classroom Building, Administration Building, and six bungalows (Appendix D). The proposed Project is being undertaken to alleviate existing structural and seismic deficiencies in Campus buildings and to address the risks associated with the postulated fault.

Due to the presence of known earthquake faults beneath the Campus, the existing conditions are characterized by potential fault rupture, particularly at the Homemaking Building, Classroom Building, Administration Building, and six bungalows. The Geotechnical Investigation states that the existing probability of surface rupture is moderate.

In addition to potential for fault rupture, three buildings on Campus (Administration Building, Auditorium, and Physical Education Building) have been found to have structural deficiencies.⁸¹ The Administration Building has insufficient seismic gaps, overstressed shear walls, and diaphragm openings that are too large. The Auditorium has insufficient wall anchorage and diagonal sheathing at the diaphragm. The Physical Education Building was found to have overstressed shear walls and insufficient wall anchorage at the diaphragm. These buildings' existing structural deficiencies currently pose greater risks of loss, injury, or death than other buildings if fault rupture were to occur.

Although the proposed Project site has moderate potential for surface fault rupture, the proposed Project would reduce the potential for students and faculty to be exposed to rupture of the known earthquake fault.

⁸⁰ California Department of Conservation, California Geological Survey. N.d. Earthquake Zones of Required Investigation <https://maps.conservation.ca.gov/cgs/EQZApp/app/> (accessed August 17, 2023)

⁸¹ NAC Architecture for Los Angeles Unified School District. February 3, 2023. Irving Steam Magnet Middle School Site Analysis and Development Report.

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As shown in Figure 10, the proposed Project would demolish or remove the buildings that are located directly above the postulated fault (Homemaking Building, Classroom Building, Administration Building, and six bungalows). By removing the buildings that are located directly over the fault, the proposed Project would greatly reduce the risk related to surface fault rupture. The proposed Project would replace the removed buildings with one new building that would be constructed at least 50 feet away from the known fault. No structures would be constructed above a known fault. Furthermore, the proposed Project would alleviate structural and seismic risks in other buildings on Campus, which would reduce their risk of damage if surface rupture were to occur nearby.

Furthermore, the proposed Project would not result in an increase of enrollment at Irving MS or accommodate more students or faculty; therefore, it would not expose more people to risk of loss, injury, or death than the existing conditions. Therefore, there would be no impact. No further analysis is warranted.

ii. Strong seismic ground shaking?

No Impact. The proposed Project would result in no impacts in relation to strong seismic ground-shaking. As previously stated, three known earthquake faults have been mapped beneath the campus (see Figure 12), including a postulated fault zone estimated to run west beneath the Homemaking Building, Classroom Building, Administration Building, and six bungalows. The proposed Project is being undertaken to alleviate existing structural and seismic deficiencies in Campus buildings and to address the risks associated with the postulated fault.

The existing conditions are characterized by potential for strong seismic ground shaking due to earthquakes. Generally, the most intense ground shaking occurs near the rupturing fault, indicating that the Homemaking Building, Classroom Building, Administration Building, and six bungalows are currently at risk for the strongest seismic ground shaking in case of earthquake. Risks associated with seismic ground shaking may be exacerbated under existing conditions by the structural deficiencies found in the Administration Building, Auditorium, and Physical Education Building.

Although the proposed Project site has the potential for seismic ground shaking, the improvements proposed would not result in a greater risk to students and staff on Campus than what currently exists. Rather, the proposed Project would reduce the potential for students and faculty to be exposed to strong seismic ground shaking.

By removing the buildings that are located directly over the fault (Homemaking Building, Classroom Building, Administration Building, and six bungalows) and constructing the new Administration and Classroom Building at least 50 feet away from the fault (see Figures 9 and 12), the proposed project would reduce the amount of ground shaking experienced during earthquakes. The proposed Project would also alleviate structural and seismic risks in other buildings on Campus, which would reduce their risk of damage due to strong seismic ground shaking.

Furthermore, the proposed Project would not result in an increase of enrollment at Irving MS or accommodate more students or faculty; therefore, it would not expose more people to risk of loss, injury,

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or death than the existing conditions. Therefore, there would be no impact. No further analysis is warranted.

iii. Seismic-related ground failure, including liquefaction?

No Impact. The proposed Project would result in no impacts in relation to seismic-related ground failure, including liquefaction. Based on review of the Geotechnical Investigation (Appendix D) and the California Geological Survey, the site is not within a potential liquefaction hazard zone.⁸² The Geotechnical Investigation performed calculations of liquefaction potential using peak ground acceleration, earthquake magnitude, depth to groundwater table, and soil boring results. Considering that the depth to ground water table for the liquefaction evaluation was 25 feet, the Geotechnical Investigation determined that no ground surface manifestations of liquefaction would be expected to occur. Similarly, the Geotechnical Investigation determined that seismically induced ground settlement would not be substantial. Therefore, there would be no impact. No further analysis is warranted.

iv. Landslides?

No Impact. The proposed Project would result in no impacts in relation to landslides. Based on review of the Geotechnical Investigation (Appendix D) and the California Geological Survey, the site is not within a potential earthquake-induced landslide hazard zone.⁸³ Additionally, the proposed Project site is not located within or immediately downslope of a landslide hazard area. The nearest landslide zone is approximately 0.4 mile east of the Campus. There is intervening topography and development, such as a freeway, between the Campus and the landslide zone. Considering this, the Geotechnical Investigation determined that the potential for seismically induced landslide within the proposed construction site is judged to be very low to nil. Therefore, there would be no impact. No further analysis is warranted.

b. Result in substantial soil erosion or the loss of topsoil?

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to substantial soil erosion or the loss of topsoil. The existing school has been developed with structures and pavement that cover the majority of the Campus. The proposed Project site comprises 11.2 acres of the Campus, not including City streets. Of this area, 25 percent is covered by structures and 35 percent is impermeable surfaces such as asphalt parking lots, play areas, and the synthetic turf field, which is installed over an asphalt play yard. Greenspace encompasses 20 percent of the Campus, and there is another 20 percent of the Project site dedicated to planting areas. The school's highest point is in the middle, and it slopes down in all directions at a rate of approximately one percent. The proposed Project's site's developed nature generally precludes it from being susceptible to erosion.

Construction Phase

Construction of the proposed Project (construction of a new building and removal and addition of hardscape/landscape) would result in ground surface disruption during excavation, grading, and trenching that

⁸² California Department of Conservation, California Geological Survey. N.d. Earthquake Zones of Required Investigation <https://maps.conservation.ca.gov/cgs/EQZApp/app/> (accessed August 17, 2023)

⁸³ California Department of Conservation, California Geological Survey. N.d. Earthquake Zones of Required Investigation <https://maps.conservation.ca.gov/cgs/EQZApp/app/> (accessed August 17, 2023)

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would create the potential for erosion to occur. The California State Water Resources Control Board regulates stormwater discharges from construction sites because of the potential to mobilize pollutants, including soil erosion. As the proposed Project site is greater than 1 acre, the proposed Project would be required to obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities.⁸⁴ Construction of the proposed Project would be regulated by the statewide construction general permit (CGP), as well as the LAUSD compliance checklist for Stormwater requirements at construction sites (SC-HWQ-2). Regulations as part of SC-HWQ-02 would require the construction contractor to implement BMPs in order to minimize erosion, sedimentation, and siltation. During construction, the proposed Project would control erosion and siltation with the implementation of a site-specific Stormwater Pollution Prevention Plan (SWPPP) and an Erosion and Sediment Control Plan that is part of the SWPPP. These regulations require that the site maintains all construction debris within a frequently inspected perimeter control, and that all open spaces and slopes are either actively undergoing construction or stabilized via erosion control BMPs. Therefore, the proposed Project would not result in substantial soil erosion or the loss of topsoil, and there would be less than significant impacts due to construction of the proposed Project. No further analysis is warranted.

Operational Phase

After construction of the proposed Project, the Campus ground cover would be similar to current conditions, covered primarily by structures and impermeable surfaces, which generally precludes it from being susceptible to erosion. There would be a minor increase in greenspace, planting areas, and landscaped features, which would be operated and maintained by LAUSD and would not result in soil erosion or loss of topsoil. Therefore, impacts would be less than significant. No further analysis is warranted.

c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to being located on a geologic unit or soils that are unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse.

Subsurface investigations conducted for the proposed Project's Geotechnical Investigation (Appendix D) encountered surficial asphalt and concrete typically between 2 to 4 inches thick and up to 6 inches of base. Excavations found a layer of artificial fill (disturbed soil from the onsite alluvium) across the Campus at a depth of 4 feet. This is consistent with the existing land use, which has been entirely developed as a school. Further excavation found the soil beneath Irving MS consisted of clay, silty sand, clayey sand, and clay. In certain borings across the campus, researchers found sandstone bedrock at 30 feet below ground surface. The Geotechnical Investigation did not discover a geologic unit or soil that is currently unstable or unsuitable for construction.

Geologic hazards related to unstable soils, such as lateral spreading, subsidence, collapse, liquefaction, or landslide, are not anticipated at the proposed Project site. The Geotechnical Investigation determined that

⁸⁴ California State Water Resources Control Board. August 17, 2023. "NPDES 2022 Construction Stormwater General Permit." https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction/general_permit_reissuance.html

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seismically induced ground settlement would not be substantial. Shrinkage is the decrease in the volume of soil upon removal and recompaction, and subsidence occurs as natural ground is densified to receive fill. These factors account for changes in earth volumes that would occur during grading. As stated in the Geotechnical Investigation, the construction contractor would be required to balance the earthwork near the completion of grading based on the degree to which fill soils are compacted and the variations in the existing soil densities.

The Geotechnical Investigation includes other earthwork and grading specifications that the construction contractor would be required to follow for all clearing and grubbing, removal of existing structures, preparation of land to be filled, filling of the land, spreading, compaction and control of the fill, and all subsidiary work. It includes specifications for placing and spreading engineered fill (including moisture, compaction, and slope specifications), ground preparation of the soils, suitable fill materials, excavations, and other construction requirements which would ensure that the proposed Project results in less than significant impacts.

As previously discussed, the proposed Project site is not at risk of landslides because it is not within or immediately downslope of a landslide hazard zone, and it is not at risk of liquefaction because it is not within a potential liquefaction hazard zone and the water table is approximately 25 feet below the surface.^{85,86}

Consistent with SC-GEO-1, a detailed Project-specific Geotechnical Investigation was prepared. Incorporation of the recommendations of the Geotechnical Investigation into the design of the school and the construction of the proposed Project would ensure that any potential damage as a result of any encountered unstable soils would be reduced to below the level of significance. Therefore, the proposed Project would result in less than significant impacts in regard to being located on a geologic unit or soil that is unstable. No further analysis is warranted.

d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994, as updated), creating substantial direct or indirect risks to life or property?

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to expansive soils. Consistent with SC-GEO-1, a detailed Project-specific Geotechnical Investigation was prepared. The Geotechnical Investigation conducted expansion testing performed in accordance with American Society for Testing and Materials (ASTM) D4829 Standard Test Method for Expansion Index of Soils. The expansion testing indicated that earth materials underlying the proposed Project site have a low expansion classification. As site grading would redistribute earth materials, the Geotechnical Investigation recommends that potential expansive properties be verified at the completion of rough grading. Incorporation of the recommendations of the Geotechnical Investigation into the design of the school and the construction of the proposed Project would ensure that any potential damage as a result of any encountered expansive soils would be reduced to below the level of significance. Therefore, impacts would be less than significant. No further analysis is warranted.

⁸⁵ California Department of Conservation, California Geological Survey. N.d. Earthquake Zones of Required Investigation <https://maps.conservation.ca.gov/cgs/EQZApp/app/> (accessed August 17, 2023)

⁸⁶ RMA Group. Revised March 23, 2023. Geotechnical Investigation for Irving Middle School Modernization.

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e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The proposed Project would result in no impacts in relation to soils incapable of adequately supporting the use of septic tanks. The proposed Project's Site Analysis and Program Development Report states that the proposed Project site is served by City of Los Angeles sanitary sewer lines, including 8-inch pipes along Moss Avenue, Roswell Street, and Marguerite Street.⁸⁷ The proposed Project has not been designed to increase faculty or student enrollment; therefore, the proposed Project's water demand would not increase from current conditions, and the wastewater treatment provider would have adequate capacity to serve the Project's projected demand. Further, the proposed Project would not add any septic tanks or alternative wastewater disposal systems to the Campus because the existing sewage infrastructure would support the new building under the proposed Project. Therefore, there would be no impact. No further analysis is warranted.

f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic features?

Less than Significant Impact. The proposed Project would result in less than significant impacts to paleontological resources. As previously stated, the Geotechnical Investigation excavations found a layer of artificial fill (disturbed soil from the onsite alluvium) across the Campus at a depth of 4 feet (Appendix D). This is consistent with the existing land use, which has been entirely developed as a school. While most of the proposed Project site is underlain by previously disturbed soils due to development, construction of the new Classroom and Administration Building would require excavation and grading activities in areas that are currently parking and landscaped areas. These areas were previously disturbed at a shallower depth than that required for the proposed Project's new building. A record search conducted at the Natural History Museum indicates that there are no fossil localities within the Project area and five localities surrounding the Project area with the same sedimentary deposits (Appendix E, *Natural History Museum Record Search*). In the unlikely event that paleontological resources are discovered during construction, LAUSD shall implement SC-CUL-11 for evaluating and appropriately treating paleontological resources. Therefore, while the proposed Project has a low potential to encounter paleontological resources during construction, it would not result in potentially significant impacts. No further analysis is warranted.

⁸⁷ NAC Architecture for Los Angeles Unified School District. February 3, 2023. Irving Steam Magnet Middle School Site Analysis and Development Report.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS. Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to greenhouse gas emissions. Applicable SCs related to greenhouse gas emissions impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-GHG-1	During operation, LAUSD shall perform regular preventative maintenance on pumps, valves, piping, and tanks to minimize water loss.
SC-GHG-2	LAUSD shall utilize automatic sprinklers set to irrigate landscaping during the early morning hours to reduce water loss from evaporation.
SC-GHG-3	LAUSD shall reset automatic sprinkler timers to water less during cooler months and rainy season.
SC-GHG-4	LAUSD shall develop a water budget for landscape (both non-recreational and recreational) and ornamental water use to conform to the local water efficient landscape ordinance. If no local ordinance is applicable, then use the landscape and ornamental budget outlined by the California Department of Water Resources.
SC-GHG-5	LAUSD shall ensure that the designed time dependent valued energy shall be at least 10%, with a goal of 20% less than a standard design that is in minimum compliance with the California Title 24, Part 6 energy efficiency standards that are in force at the time the project is submitted to the Division of the State Architect.
SC-USS-1	Implementation of SC-USS-1.

- a) **Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?**

Potentially Significant Impact. The Proposed Project would generate GHG emissions during temporary construction activities and long-term operations. Construction would result in short-term GHG emissions produced by construction equipment exhaust as well as on-road truck and other vehicle trips. While the Proposed Project would not increase the capacity of Roosevelt Elementary School, operation of the Proposed Project would result in GHG emissions from energy consumption. Therefore, this impact is

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considered potentially significant and the EIR will evaluate the potential for the Proposed Project to generate a substantial increase in GHG emissions.

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Potentially Significant Impact. The proposed Project would potentially result in significant impacts in relation to conflicting with an applicable plan, policy or regulation adopted for the purpose of reducing GHG emissions. The primary plans and policies applicable to the proposed Project include the CARB Scoping Plan,⁸⁸ and SCAG's Connect SoCal 2020.⁸⁹ The Proposed Project would emit GHGs during temporary construction activities and long-term operations. Therefore, this impact is considered potentially significant and the potential for the Proposed Project to conflict with applicable plans, policies, or regulations adopted for the purpose of reducing GHG emissions will be analyzed in the EIR.

⁸⁸ California Air Resources Board. December 2022. Final 2022 Scoping Plan. Available at: <https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents>

⁸⁹ Southern California Association of Governments. September 2020. Connect SoCal. Available at: https://scag.ca.gov/sites/main/files/file-attachments/0903fconnectsocial-plan_0.pdf?1606001176

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IX. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and/or accident conditions involving the release of hazardous materials into the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to hazards and hazardous materials. Applicable SCs related to hazards and hazardous materials impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-HAZ-1	<p>LAUSD shall determine the proximity of electromagnetic field (EMF) generators to new classrooms or outdoor play areas to ensure the EMF generator does not pose a threat.</p> <p>Criteria for School Siting in Proximity to High Voltage Power Lines or Cell Towers Board of Education resolutions (Effects of Non-Ionizing Radiation-2000, Wireless Telecommunication Installations - 2009 and T-Mobile - Cell Tower Notification and Condemnation-2009) regarding electromagnetic field (EMF) and radio frequency exposures associated with cellular towers near schools whereby a prohibition exists regarding siting towers on school campuses.</p> <p>LAUSD's screening perimeter for new classroom construction or outdoor play area is 200 feet from cell towers and 500 feet from high voltage power lines.</p>
SC-HAZ-2	<p>LAUSD shall determine the proximity of new classrooms or outdoor play areas to ensure that these new facilities are placed outside of the established exclusion zone.</p>

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	<p>Pipeline Safety Hazard Analysis</p> <p>This document outlines the process for evaluating safety hazards associated with underground and above-ground natural gas and hazardous liquid pipelines. The pipeline safety hazard assessment (PSHA) process determines whether potential releases of natural gas, petroleum product, and crude oil from pipelines located near a school site pose a safety risk to students and staff.</p>
SC-HAZ-3	<p>LAUSD shall prepare a Rail Safety Study (RSS) for the construction of any new classrooms or outdoor play areas that would be located within 1,500 feet of an existing rail line. For construction on existing campuses, if a proposed scope of work has the potential to exacerbate a safety hazard, a RSS will be triggered.</p> <p>Rail Safety Study Protocol</p> <p>This document provides a guidance protocol for conducting a RSS. It is designed to assist in evaluating whether traffic on rail lines within a 1,500-foot radius of a school site poses an unreasonable safety hazard to students and staff at the school.</p>
SC-HAZ-4	<p>The Construction Contractor shall comply with the following OEHS Site Assessment practices and requirements (as applicable):</p> <ul style="list-style-type: none"> • District Specification Section 01 4524, Environmental Import / Export Materials Testing. • Removal Action Workplan or Remedial Activities Workplan. • South Coast Air Quality Management District Rule 1466. • District Specification Section 02 8400, Polychlorinated Biphenyl (PCB) Remediation. • Lead and asbestos abatement requirements identified by the Facilities Environmental Technical Unit (FETU) in the Phase I / Phase II, or abatement plan(s).
SC-AQ-1	<p>Implementation of SC-AQ-1.</p>

The Project site is an existing middle school. A Phase I ESA Report was prepared for the Project site in 2022 that found onsite listings consistent and typical of a school (see Appendix A). According to the Phase I ESA, Irving MS was listed in the following environmental databases: California Environmental Reporting System (CERS) Hazwaste, Hazmat, HAZNET, USEPA's FIFRA/TSCA Tracking System (FTTS), RCRA-LQR, Facility Index System (FINDS), and Enforcement and Compliance History Online (ECHO). The Phase I ESA Report, California Department of Toxic Substances Control (DTSC) EnviroStor database, and California State Water Resources Control Board GeoTracker database show that the proposed Project site is not listed as a hazardous waste site.^{90,91} No violations were noted, and no additional offsite listings were considered an environmental concern to the Project site. The Environmental Data Resources, Inc. (EDR) environmental database search report also noted several off-site properties of potential concern based on the Project site's location within an older, densely developed urban environment. However, based on case status, distance and direction from the site, and hydraulic location with respect to groundwater flow direction, these listings were not considered an environmental concern to the site. The Los Angeles County Department of Public Health,

⁹⁰ California Department of Toxic Substances Control (DTSC). N.d. EnviroStor: 3010 Estara Ave, Los Angeles, CA 90065. Available at: <https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=3010+Estara+Ave+Los+Angeles>. Accessed 10 August 2023.

⁹¹ California State Water Resources Control Board. N.d. GeoTracker: 3010 Estara Ave, Los Angeles, CA 90065. Available at: <https://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=3010+Estara+Ave+Los+Angeles>. Accessed 10 August 2023.

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Los Angeles Regional Water Quality Control Board (LARWQCB), Los Angeles County Fire Department (LACFD), and D'TSC reported that they had no files pertaining to the site address. No records indicating the presence of any environmental conditions were provided by SCAQMD.

The 2022 Phase I ESA (Appendix A) revealed no evidence of recognized environmental conditions (RECs), controlled environmental conditions (CRECs), or historical recognized environmental conditions (HRECs), or *de minimis* conditions at the Project site. The report did acknowledge three LAUSD required scope items:

- Asbestos-containing building materials were identified onsite. It is probable lead-based paint and PCBs in the building materials also exist onsite due to the age of the onsite buildings.
- There is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides from historical application of termiticides to be present in shallow soil at the site.
- There is indoor radon potential at the Project site; however, since the Phase I ESA was prepared, the site's designation has changed from a "high radon zone" to a "moderate radon zone". The site is located within a "moderate radon zone" as defined by the California Department of Conservation/California Geological Survey radon map.⁹²

Based on the age of the Project site buildings, exterior soils may be impacted with lead due to the weathering of lead-based paint and with arsenic and/or organochlorine pesticides as a result of possible pesticide applications at the property. In addition to surficial applications, organochlorine pesticides may be found at depth as a result of treatment or injection beneath buildings as a termiticide.

The LAUSD OEHS conducted a Preliminary Environmental Assessment (PEA) in 2023 including detailed soil investigations to further understand potential contaminants onsite (Appendix F, *Preliminary Environmental Assessment Equivalent Document*). The survey was completed in May and June of 2023 per OEHS guidelines. The following conclusions were made in the PEA-E report:

- A former oil heating Underground Storage Tank (UST) and hydrocarbon impacted soil adjacent to the UST were identified to be present north of the Administration building.
- Arsenic-impacted soil was identified in five locations in the shallow soil within the site.
- Asbestos impacted soil was identified in two locations in the shallow soil within the site.
- All other remaining chemicals of concern, including those listed in the SCAQMD Rule 1466, such as lead, cadmium, nickel, mercury, polyaromatic hydrocarbons (PAHs), polychlorinated biphenyl (PCBs) and others were reported below their respective screening level or the 95% Upper Confidence Limit (95% UCL).

⁹² California Department of Conservation. Indoor Radon Potential Map. State of California 2016. Accessed October 30, 2023. <https://maps.conservation.ca.gov/cgs/radon>

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Upon review of the City of Los Angeles 2018 Local Hazard Mitigation Plan, the proposed Project would have no impact to the local hazard mitigation plan outlined in the report.⁹³ The Project site is an active middle school campus with an existing Safe School Plan that follows the LAUSD Integrated Safe School Plan.⁹⁴ While schools are required to comply with California Education Code 32280-9, the Safe School Plan 2023-2024 for Irving MS was not accessible for review as it is in the process of being updated. It is anticipated to be available on October 2, 2023.

The Project site is not located within 500 feet of existing high voltage lines or cell towers.⁹⁵ Overhead electrical distribution lines (66 kilovolt) operated by Southern California Edison are located approximately 20 feet north of the Project site, along Fletcher Drive.⁹⁶ The Antelope Valley line and Ventura County Metro Link lines are located approximately 1,800 feet west of the Project site. According to SoCalGas's gas Transmission Pipeline Interactive Map, SoCalGas owned or operated transmission lines are located immediately west of the Project site, along W San Fernando Road.⁹⁷ According to the urban/wildland interface fire maps within the City of Los Angeles 2018 Local Hazard Mitigation Plan, the Project site is not located within a wildfire hazard zone; however, it does border an area of very high wildfire severity zone due to its proximity to the vegetated areas within the Silverlake neighborhood and Griffith Park.⁹⁸

a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?

Potentially Significant Impact. The proposed Project would have the potential to result in significant impacts in regard to the routine transport, use, or disposal of hazardous materials during construction activities due to the presence of arsenic and asbestos in shallow soil onsite and the presence of an UST.

According to the Phase I ESA EDR report, Irving MS was listed in the following environmental databases: CERS Hazwaste, Hazmat, HAZNET, FTTS, RCRA-LQR, FINDS, and ECHO. Violations regarding failures to maintain Hazardous Waste Manifests, active generator permit, and improper labeling were reported in 2015, 2016, 2018, and 2019. The site is listed in the HAZNET database for the tracking of generated hazardous waste including asbestos-containing waste from 1990 to 2019; and laboratory waste, paint sludge, and organics from 1997 to 2014. All listings relate to tracking; and therefore, none of these listings represent an obvious environmental concern. In addition, no additional off-site listings were considered an environmental concern

⁹³ City of Los Angeles 2018 Local Hazard Mitigation Plan. January 2018. Tetra Tech.

https://emergency.lacity.gov/sites/g/files/wph1791/files/2021-10/2018_LA_HMP_Final_with_maps_2018-02-09.pdf

⁹⁴ LAUSD. 2001. Integrated Safe School Plan 2021-2022 Highlights. Available at

<https://ca01000043.schoolwires.net/cms/lib/CA01000043/Centricity/Domain/318/New%20ISSP%20Components%202021-22%20final.pdf> (accessed August 10, 2023).

⁹⁵ City of Los Angeles. February 3, 2016. Cellular Towers. Available at:

https://geohub.lacity.org/datasets/f2e52f0183794e0089dbb3105f151202_24/explore?location=34.096798%2C-118.202092%2C13.00 Accessed 10 August 2023.

⁹⁶ California Energy Commission. August 9, 2023. California Electric Transmission Lines. <https://cecgis-caenergy.opendata.arcgis.com/datasets/CAEnergy::california-electric-transmission-lines/explore?location=34.119556%2C-118.237456%2C16.58>

Accessed 10 August 2023.

⁹⁷ Southern California Gas Company, a subsidiary of Sempra Energy. N.d. Natural Gas Pipeline Map. Available at:

<https://socialgas.maps.arcgis.com/apps/webappviewer/index.html?id=c85ced1227af4c8aae9b19d677969335> Main website:

<https://www.socialgas.com/stay-safe/pipeline-and-storage-safety/natural-gas-pipeline-map> Accessed 10 August 2023.

⁹⁸ City of Los Angeles 2018 Local Hazard Mitigation Plan. Section 13-9, Figure 13-2, Wildfire Severity Zones in the Central APC

January 2018. Tetra Tech. https://emergency.lacity.gov/sites/g/files/wph1791/files/2021-10/2018_LA_HMP_Final_with_maps_2018-02-09.pdf

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(see Appendix A). However, in the subsequent PEA-E (Appendix F), it was determined that there is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides (OCPs) from historical application of termiticides to be present in shallow soil at the site. Additionally, a previously unidentified UST was identified to the north of the Administrative Building.

Construction of the proposed Project would involve some transport and disposal of hazardous materials. As outlined above, both arsenic and asbestos-impacted soil were found onsite to a depth of 0.5 feet. Additionally, a previously unidentified UST was identified to the north of the Administrative Building. As such, there is the potential for hazardous materials to result in significant impacts with regard to the routine transport, use, or disposal of hazardous materials during construction activities, which requires the consideration of mitigation measures and alternatives in the EIR.

b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and/or accident conditions involving the release of hazardous materials into the environment?

Potentially Significant Impact. The proposed Project would result in potentially significant impacts in regard to reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. According to the Phase I ESA EDR report, Irving MS was listed in the following environmental databases: CERS Hazwaste, Hazmat, HAZNET, FTTS, RCRA-LQR, FINDS, and ECHO. Violations regarding failures to maintain Hazardous Waste Manifests, active generator permit, and improper labeling were reported in 2015, 2016, 2018, and 2019. The site is listed in the HAZNET database for the tracking of generated hazardous waste including asbestos-containing waste from 1990 to 2019; and laboratory waste, paint sludge, and organics from 1997 to 2014. All listings relate to tracking; and therefore, none of these listings represent an obvious environmental concern. In addition, no additional off-site listings were considered an environmental concern (see Appendix A). However, in the subsequent PEA-E (Appendix F), it was determined that there is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides (OCPs) from historical application of termiticides to be present in shallow soil at the site. As outlined above, both arsenic and asbestos-impacted soil were found onsite to a depth of 0.5 feet. Additionally, a previously unidentified UST was identified to the north of the Administrative Building. As such, there is the potential for hazardous materials to result in significant impacts through reasonably foreseeable upset and/or accident conditions involving the release of hazardous materials into the environment. The potential for significant impact requires the consideration of mitigation measures and alternatives in the EIR.

c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Potentially Significant Impact. The proposed Project would result in potentially significant impacts in regard to the emission of hazards or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. During the construction phase, it is possible children could come in contact with PCBs, asbestos, paints, or petroleum products (see Appendix A and Appendix F). However, SC-HAZ-04 would ensure that the following guidelines are followed: District Specification Section 01 4524, Environmental Import / Export Materials Testing; Removal Action Workplan; California Air Resources Board Rule 1466 Guidelines and Procedures to Address PCBs in Building Materials, particularly applicable to buildings that were constructed or remodeled between 1959 and 1979; lead and asbestos

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abatement requirements identified by the FETU in the Phase I/Phase II; or abatement plan(s). It should be noted that the school is located within a moderate radon zone;⁹⁹ the 2022 Phase I ESA states that the school is located within a high radon zone. The high radon zone is defined as having a high potential for radon levels to be above 4 picocuries per liter (pCi/L). As stated in the Los Angeles Unified School District Reference Guide REF-5314.2, Procedures for Environmental Review of Proposed Projects: “building design and construction Measures – Should a building or similar structure be constructed or renovated for student and/or staff occupancy and is located in a “high” radon zone, U.S. EPA guidance entitled “radon Prevention in the Design and Construction of Schools and Other Large Buildings, EPA/625/R-92/016, June 1994” (or latest published version) shall be reviewed and all relevant and appropriate measures incorporated in its design and construction to prevent radon gas infiltration (see the LAUSD Radon Memorandum in Appendix A). As such, there is the potential for hazardous materials to result in significant impacts with regard to emit or release potentially hazardous materials that could impact students at Irving MS during construction activities, which requires the consideration of mitigation measures and alternatives in the EIR.

- d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

Potentially Significant Impact. The proposed Project would result in potentially significance impacts in regard to creating a significant hazard to the public or the environment due to location on a listed hazardous materials site. There is potential for elevated concentrations of arsenic from historical application of herbicides, organochlorine pesticides, or termiticides. If found, these would be present in shallow soil at the site. This site is also located within a “moderate radon zone.”¹⁰⁰

A PEA-E was conducted to address data gaps from the Phase I ESA investigation (see Appendix F). The PEA-E was conducted on May 20–21, June 23, and July 21, 2023. Soil samples were collected from 0.5, 2.5 and five (5) feet bgs and were screened for chemicals of potential concern including lead, arsenic, OCPs, PCBs, TPH, PAHs, and asbestos (Chrysotile). The PEA-E identified elevated levels of lead in ten (10) locations during initial screening and elevated levels of arsenic in eight (8) locations during initial screening. Asbestos was detected in two (2) locations. In addition to soil sampling, a geophysical investigation was conducted on the parking lot area adjacent to the Administration Building due to the suspected presence of an underground tank. Spectrum Geophysics investigated an area that was 35 feet by 100 feet in size. Two significant anomalies were detected during this investigation, both were typical of those associated with a steel UST. It was determined that a UST and concrete containment layer were present, and sampling results confirmed the presence of gasoline, diesel, and oil range hydrocarbons with the highest concentration coming from diesel -range hydrocarbons at 3,400 mg/kg at approximately 13 feet 8 inches bgs. It was anticipated that there was piping associated with the UST, but the exact location was not identified. These findings represent a potentially significant impact which requires the consideration of mitigation measures and alternatives in the EIR.

⁹⁹ California Department of Conservation. Indoor Radon Potential Map. State of California 2016. Accessed October 30, 2023. <https://maps.conservation.ca.gov/cgs/radon>

¹⁰⁰ California Department of Conservation. Indoor Radon Potential Map. State of California 2016. Accessed October 30, 2023. <https://maps.conservation.ca.gov/cgs/radon>

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- e) **For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?**

No Impact. The proposed Project would not be located within an airport land use plan or, where such a plan has not been adopted, within two nautical miles of a public airport or public use airport, resulting in a safety hazard for people residing or working in the Project area. The nearest public airport to the proposed Project is the Hollywood Burbank Airport (BUR), located approximately 9 miles northwest of the proposed Project site. Therefore, there would be no impact. No further analysis is warranted.

- f) **Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

Less than Significant Impact. The proposed Project would result in less than significant impacts in regard to impairing implementation of or physically interfering with an adopted emergency response plan or emergency evacuation plan. The SUP does not allow any uses or design features that would impair implementation of or interfere with an adopted emergency response plan or emergency evacuation plan. The Project site is an active middle school campus with an existing Safe School Plan that is currently being updated (updates will be available in October 2023). The proposed Project would have no impact in relation to the City of Los Angeles 2018 Local Hazard Mitigation Plan. During construction, a Construction Worksite Traffic Control Plan would be required (SC-T-4) to maintain applicable transportation related safety measures as required by local and state agencies (see *Transportation* section, below). During operation, the proposed Project would shift peak traffic during student drop-off from E 45th Street at Compton Avenue on the east side of the Project site to Ascot Avenue on the west side of the Project site as an indirect effect of relocating the main Administration Building towards the western side of the elementary school campus. The shift in peak traffic would reduce potential conflicts with evacuation routes that are currently located east of the Project site. Therefore, the proposed Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. No further analysis is warranted.

- g) **Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?**

No Impact. The proposed Project would not expose people or structures to a risk of loss, injury, or death involving wildland fires. According to the urban/wildland interface fire maps within the City of Los Angeles 2018 Local Hazard Mitigation Plan, the Project site is not located within a wildfire hazard zone or urban fire and secondary hazard zone. Furthermore, the Project site is located in a heavily urbanized area away from dense vegetation. Moreover, the local fire code and Title 5 require the proposed Project to comply with these regulations. It should be noted that the proposed Project is located approximately one mile to the northeast of a severe fire hazard area, however, is separated from this region by the Los Angeles River. Therefore, the proposed Project would not expose people or structures to a risk of loss, injury, or death involving wildland fires. Therefore, there would be no impact. No further analysis is warranted.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
i) Result in substantial on- or offsite erosion or siltation;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to hydrology and water quality. Applicable SCs related to hydrology and water quality impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-HWQ-1	LAUSD shall design and construct the project to meet or exceed the current and applicable stormwater guidelines. Stormwater Technical Manual This manual establishes design requirements and provides guidance for the cost-effective improvement of water quality in new and significantly redeveloped LAUSD school sites. These guidelines are intended to improve water quality and mitigate potential impacts to the Maximum Extent Practicable (MEP). These guidelines meet current post-construction Standard Urban Stormwater Mitigation Plan (SUSMP) and the mandated post-construction element of the NPDES program requirements
SC-HWQ-2	LAUSD shall implement the applicable stormwater requirements during construction activities.

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	<p>Compliance Checklist for Storm Water Requirements at Construction Sites</p> <p>This checklist has requirements for compliance with the General Construction Activity Permit and is used by OEHS to evaluate permit compliance. Requirements listed include a SWPPP; BMPs for minimizing storm water pollution to be specified in a SWPPP; and monitoring storm water discharges to ensure that sedimentation of downstream waters remains within regulatory limits.</p>
SC-HWQ-3	<p>LAUSD shall implement the following programs and procedures, as applicable:</p> <ul style="list-style-type: none"> • Environmental Training Curriculum – a qualified environmental Monitor shall provide a worker’s environmental awareness program that is prepared by LAUSD for the project. • Hazardous Waste Management Program (Environmental Compliance/Hazardous Waste). • Medical Waste Management Program. • Environmental Compliance Inspections. • Safe School Inspection Program. • Integrated Pest Management Program. • Fats Oil and Grease Management Program. • Solid Waste Management Program. • Other related programs overseen by OEHS.
SC-HWQ-5	<p>LAUSD shall evaluate tsunami hazards to determine if the project site is within a tsunami inundation zone as delineated by California Emergency Management Agency or National Oceanic and Atmospheric Administration. If the project site is within a tsunami hazard zone LAUSD shall prepare a Tsunami Awareness and Evacuation Plan in compliance with the LAUSD Emergency Operations Plan.</p>
SC-HWQ-6	<p>LAUSD shall consult with the Los Angeles County Department of Public Works, and/or local city officials, as appropriate, regarding the debris flow potential near the mouth of or in natural canyons and feasible mitigation measures shall be developed to reduce any potential risk. Potential debris flow hazards shall be reduced by one or more of the following:</p> <ul style="list-style-type: none"> • Adequate building setbacks from natural slopes. • Construction of debris control facilities in upstream areas. • Monitoring and maintaining potential debris flow areas and basins. <p>In addition, potential loss shall be minimized by establishing an evacuation plan, and elevated awareness and early warning of pending events.</p>

The proposed Project site is a 11.2-acre existing public-school campus, not including City streets. Of this area, 80 percent is impermeable surfaces such as asphalt parking lots, play areas, buildings, and the synthetic turf field, which is installed over an asphalt play yard. Greenspace encompasses only 20 percent, or about 2.24 acres of the Campus. The school’s highest point is in the middle, and it slopes down in all directions at a rate of approximately 1 percent. There are two main city storm drain lines that are currently serving the school. One is a 33-inch line located in Fletcher Drive, and the second is a 12-inch line located in the middle of the school within the City of Los Angeles Easement. Both lines are ultimately connected to the County of Los Angeles Storm Drain System and to a City of Los Angeles storm drain line in Marguerite Street. According to the Los Angeles Department of Public Works, the site is not built on top of a groundwater well.¹⁰¹ The Project site does not contain any natural drainages or water courses, which would potentially support riparian habitat, or natural undeveloped areas that may contain any other sensitive natural community. According to the Phase I

¹⁰¹ L. (n.d.). Los Angeles Ground Water Wells. Retrieved August 11, 2023, from <http://dpw.lacounty.gov/general/wells/>

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ESA (Appendix A), EnSafe submitted a request to the LARWQCB and found that there were no pending violations. The proposed Project site is not in a 100-year flood plain area.¹⁰² The proposed location is not at risk for inundation by seiche, tsunami, or mudflow. The nearest surface water body is the Los Angeles River, located approximately 1.0 mile northeast of the proposed Project site.¹⁰³ According to the 2018 Los Angeles Hazards Mitigation Plan, the proposed Project site is located in an area with low susceptibility to landslides.¹⁰⁴ The Project is located approximately 12.8 miles northeast of the tsunami zone mapped along the west coast of the City of Los Angeles.¹⁰⁵ According to the City of Los Angeles General Plan, the Project site is not located in an area at risk for mudflows.

a) **Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?**

Less than Significant Impact. During site reconnaissance, it was determined that the site is not located on, near, or around significant surface water resources. The nearest surface water is the Los Angeles River, approximately 1.0 mile to the southwest. A geotechnical survey completed in 2022 also determined that there were pockets of perched groundwater at approximately 17 to 20 feet below the surface. Additionally, as the current Project site has very low drainage capabilities it does not provide significant infiltration into the groundwater. The percentage of the site that would be pervious upon completion of the modernization Project is anticipated to stay the same or increase post development. Therefore, there would be a less than significant impact to surface or groundwater quality.

Construction Phase

Construction of the proposed Project would be regulated by the statewide construction general permit (CGP) as well as the LAUSD stormwater technical manual (SC-HWQ-1) and the LAUSD compliance checklist for Stormwater requirements at Construction sites (SC-HWQ-2). These regulations require that the site maintains all construction debris within a frequently inspected perimeter control and that all open spaces and slopes are either actively undergoing construction or stabilized via erosion control BMPs. The stormwater requirements of both the statewide CGP and the LAUSD compliance checklist require that the site inspecting for spills, non-stormwater discharges, non-visible pollutants, sedimentation, or other potential hazards to surface and groundwater quality on a weekly basis for the extent of construction. Along with the SWPPP, the checklist requires that BMPs be implemented to ensure sedimentation and downstream waters remain within regulatory limits. As a result, no impact to surface water or groundwater quality is anticipated.

Furthermore, hazardous materials that may be exposed to stormwater shall be removed within a timely manner pursuant to SWPPP requirements to ensure minimal potential exposure to stormwater or sheet flow as a result of rain events.

¹⁰² FEMA's National Flood Hazard Layer (NFHL) viewer. Accessed August 11, 2023. <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd>

¹⁰³ United States Environmental Protection Agency Waters GeoViewer. Accessed August 11, 2023
<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=074cfede236341b6a1e03779c2bd0692>

¹⁰⁴ 2018 Los Angeles Hazard Mitigation Plan. January 2018. Accessed August 11, 2023
https://emergency.lacity.gov/sites/g/files/wph1791/files/2021-10/2018_LA_HMP_Final_with_maps_2018-02-09.pdf

¹⁰⁵ L. (n.d.). Tsunami Inundation Zones. Retrieved August 11, 2023, from
http://geohub.lacity.org/datasets/ffaf33ba67264818a729dc97a384c064_6

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Operation Phase

Implementation of the proposed Project would not violate any water quality standards and waste discharge requirements. During site reconnaissance, it was determined that the site is not located on, near, or around significant surface water resources. The nearest surface water is the Los Angeles River, approximately 1.0 mile to the southwest. A geotechnical survey completed in 2022 also determined that there were pockets of perched groundwater at approximately 17 to 20 feet below the surface. Additionally, the current Project site has very low drainage capabilities and, therefore, does not provide significant infiltration into the groundwater. The percentage of the site that would be pervious upon completion of the modernization Project is anticipated to stay the same or increase post development. Therefore, there would be a less than significant impact to surface or groundwater quality.

b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

No Impact. Implementation of the proposed Project would not deplete groundwater supplies or interfere with groundwater recharge such that the Project may impede sustainable groundwater management of the basin. During the construction phase of the Project, the pervious area of the Project would temporarily increase, which would result in an increase of groundwater supplies. The final proposed site plans and landscape features have similar percentages of greenspace and planting areas as the existing conditions, and therefore no net change in impervious surfaces is anticipated. The proposed Project may ultimately increase the area of pervious surfaces as outlined in the Site Analysis & Program Development Report, Figures 5.3.1 through 5.3.4, landscape features that show habitat gardens and ecology gardens where there had previously been parking lots or classrooms.¹⁰⁶ The proposed Project is located on stiff to hard clay soils, and infiltration rates are expected to be below 0.1 minutes/inch. As a result, the Project site likely does not currently contribute significantly to groundwater recharge. The Project site does not use groundwater; nor is it built on an existing groundwater well.¹⁰⁷ The Project site is currently served by the Los Angeles Department of Water and would continue to be for the duration of the Project, so the proposed Project would not deplete groundwater levels or interfere with normal groundwater recharge rates. Furthermore, the proposed Project would reduce the number of standard classrooms from 65 to 46, and there is a possibility water use would decrease. Landscaped areas require slightly more infiltrating soils than those which are currently on the site. In the case additional water resources are used for landscaping, these resources would return to the groundwater via infiltration. Therefore, there would be no impacts related to depletion of groundwater supplies or interference with groundwater recharge such that the Project may impede sustainable groundwater management of the basin. No further analysis is warranted.

¹⁰⁶ Los Angeles Unified School District. 2023. Irving STEAM Magnet Middle School, Site Analysis & Program Development Report. Prepared by NAC Architecture.

¹⁰⁷ Los Angeles Ground Water Wells. Retrieved August 11, 2023, from <http://dpw.lacounty.gov/general/wells/>

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c) **Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:**

i) **Result in substantial on- or offsite erosion or siltation;**

No Impact. The proposed Project would not substantially alter the existing drainage pattern of the site or area. The existing hydrology of the site was analyzed using the topographic data provided by the district and public information from the Los Angeles County Hydrology Manual. The topography shows a hill site that drains to all sides. According to the USGS 7.5-minute quadrangle map, the NWI, and a site reconnaissance, there are no streams or rivers located at or within close proximity to the proposed Project site. The nearest waterbody is the Los Angeles River, approximately 1 mile to the southwest of the site. The Los Angeles River is concrete lined in this area and designed to capture stormwater runoff of the surrounding urban areas^{108,109} and therefore would not be altered as a result of the proposed Project. LAUSD shall comply with applicable regulations (SC-HWQ-1) and the Standard Urban Storm Water Mitigation Plan (SUSMP) BMPs to the extent feasible¹¹⁰ and therefore the proposed Project would not result in any significant erosion or siltation on-or off-site upon Project completion. During construction, the Project would control erosion and siltation with the implementation of a site specific SWPPP and an Erosion And Sediment Control Plan that is part of the SWPPP. Additionally, regulations as part of SC-HWQ-02 would require the construction manager to implement BMPs in order to minimize erosion, sedimentation, and siltation. Therefore, the proposed Project would not result in substantial erosion or siltation on-or off-site. No further analysis is warranted.

ii) **Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;**

Less than Significant Impact. The proposed Project would not substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off-site. Currently, the site is sloped downwards on all sides from the campus core and has an elevation that ranges from approximately 390 to 416 feet above mean sea level. It is generally organized in three plateaus with the Administration, Classroom, and Auditorium Buildings on the highest, the athletic fields and parking lots on the next highest, and the Physical Education Building and soccer field on the lowest. The existing drainage patterns are outlined in detail in Figure 2.3.12 of the Site Analysis & Program Development Report, with surficial water draining towards existing storm drain infrastructure on the surrounding streets.¹¹¹ The proposed Project would not increase impermeability at the site, and it would comply with City and County ordinances regulating drainage improvements. Finally, it will comply with the LAUSD stormwater technical manual (SC-HWQ-1) which integrates requirements from the SUSMP. Compliance with the preceding ordinances will ensure that the proposed Project would not adversely affect the local drainage system in a manner that would result in substantial flooding on- or off-site. It should

¹⁰⁸ United States Environmental Protection Agency Waters GeoViewer. Accessed August 11, 2023
<https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=074cfede236341b6a1e03779c2bd0692>

¹⁰⁹ Los Angeles Public Works, Los Angeles County Storm Drain System. Accessed August 11, 2023.
<https://pw.lacounty.gov/fcd/StormDrain/index.cfm>

¹¹⁰ Standard Urban Storm Water Mitigation Plan for Los Angeles County and Cities in Los Angeles County. March 8, 2000. Los Angeles Regional Water Quality Control Board.
https://www.waterboards.ca.gov/losangeles/water_issues/programs/stormwater/susmp/susmp_rbfinal.pdf

¹¹¹ Los Angeles Unified School District. 2023. Irving STEAM Magnet Middle School, Site Analysis & Program Development Report. Prepared by NAC Architecture.

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be noted that during site assessment of drainage and storm drain capacity, City storm drains associated with drainage of subarea two (the athletic field and parking areas) and subarea four (classroom and Administration buildings) currently exceed the storm drain capacity in the case of a 10-year storm event. This condition would not change as a result of the proposed Project, and although impervious areas would remain roughly the same, it is likely that improvements across the site would increase infiltration through additional landscaping, and therefore potentially reduce flows into the city storm drain system. Therefore, the proposed Project would not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site.

iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

No Impact. The proposed Project would not create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff. Impervious surfaces such as buildings and parking lots can increase runoff rates through impeding infiltration of rainfall and increasing overland flow velocities. The proposed Project would have a similar ratio of pervious versus impervious areas to the existing condition. The proposed Project would not have more runoff than the existing conditions, and therefore would not exceed the capacity of the existing stormwater drainage systems. The proposed redevelopment would consider drainage patterns and volume in their design, as required by the LA Public Works SUSMP and the LAUSD stormwater technical manual (SC-HWQ-1). The proposed Project is anticipated to have more landscaping than what is currently present on the site. During the construction phase of the Project, the amount of pervious area would temporarily increase, which would then decrease the amount of runoff. Furthermore, the proposed Project would not generate substantial additional sources of polluted runoff. Stormwater quality would also be addressed through regulatory permit requirements and BMPs. Therefore, there would be no impact. No further analysis is warranted.

iv) Impede or redirect flood flows?

No Impact. The proposed Project would not impede or redirect flood flows. The proposed Project site is not located in a 100-year flood hazard area.¹¹² The nearest surface water body is the Los Angeles River, located approximately 1.0 mile southwest of the proposed Project site, which serves as a flood control channel with sufficient capacity to prevent flooding in the surrounding area.¹¹³ Therefore, the proposed Project would not impede or redirect flood flows. No further analysis is warranted.

d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

No Impact. The proposed Project site is not at risk of releasing pollutants due to Project inundation via flood, tsunami, or seiche. The nearest surface water body is the Los Angeles River, located approximately 1.0 mile southwest of the proposed Project site. According to the 2018 Los Angeles Hazards Mitigation Plan, the

¹¹² FEMA's National Flood Hazard Layer (NFHL) viewer. Accessed August 11, 2023. <https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd>

¹¹³ United States Environmental Protection Agency Waters GeoViewer. Accessed August 11, 2023 <https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=074cfede236341b6a1e03779c2bd0692>

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proposed Project site is located in an area with low susceptibility to landslides.¹¹⁴ The Project is located 12.8 miles to the east of the tsunami zone mapped along the west coast of the City.¹¹⁵ According to the City General Plan, the Project site is not located in an area that is at risk for mudflows. Therefore, the proposed Project site is not at risk of releasing pollutants due to Project inundation via flood, tsunami or seiche. No further analysis is warranted.

e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

No Impact. The proposed Project would not conflict with or obstruct implementation of any water quality control plans or any sustainable groundwater management plans. The proposed Project would not significantly alter the ratios of impermeable areas to permeable areas. The proposed Project shall be designed in accordance with the LA County Basin Plan, the LA Public Works SUSMP, and the LA Basin Sustainable Groundwater Management Plan. Construction activities shall comply with the requirements of a SWPPP. Therefore, the proposed Project site is not at risk of conflicting with or obstructing implementation of any water quality control plans or any sustainable groundwater management plans. No further analysis is warranted.

¹¹⁴ 2018 Los Angeles Hazard Mitigation Plan. January 2018. Accessed August 11, 2023

https://emergency.lacity.gov/sites/g/files/wph1791/files/2021-10/2018_LA_HMP_Final_with_maps_2018-02-09.pdf

¹¹⁵ Tsunami Inundation Zones. Retrieved August 11, 2023, from

http://geohub.lacity.org/datasets/ffaf33ba67264818a729dc97a384c064_6

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING. Would the project:				
a. Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

a) Physically divide an established community?

No Impact. The proposed Project would result in no impacts in relation to physically dividing an established community. The proposed Project site is located at Irving MS, which is currently in operation as a school and has been open since 1937.¹¹⁶ The proposed Project site consists of 16 parcels in the Northeast Los Angeles Community Plan Area, bound by Fletcher Drive to the northwest, Estara Avenue to the northeast, Marguerite Street to the southeast, and Avenue 32 to the southwest. Additionally, Moss Avenue and Roswell Street are vacated City-owned streets that bisect the Campus and connect Fletcher Drive to Estara Avenue. The District has obtained a revocable permit to occupy the City right-of-way that runs through this portion of the Campus; however, the proposed Project would not make any improvements to the City right-of-way. All improvements would be constructed on District property at Irving MS, and the proposed Project would not result in any new physical barriers that would divide the surrounding residential community or the broader Northeast Los Angeles community. The proposed Project would not restrict access to Moss Avenue or Roswell Street, and their entrances to the Campus would remain. The Project would not restrict access to any surrounding streets. The purpose of the proposed Project is to complete a major modernization of an existing school campus to provide facilities that are safe, secure, and aligned with the instructional program. There would be no change to the current land use at the site. Neighborhood schools are generally essential parts of the surrounding communities and, therefore, do not create physical barriers. No further analysis is warranted.

b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

No Impact. The proposed Project would result in no impacts in relation to conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. The Northeast Los Angeles Community Plan establishes neighborhood-specific goals and implementation strategies to achieve the broad objectives laid out in the City’s General Plan, and it serves as the Land Use Element for the Northeast Los Angeles Community Plan Area. The proposed Project site is designated by the Northeast Los Angeles Community Plan as “Junior High School – Public” with a “Public Facilities” land use designation (see Figure

¹¹⁶ California Department of Education. August 17, 2023. “California School Directory - Washington Irving Middle School Math, Music and Engineering Magnet.” <https://www.cde.ca.gov/schooldirectory/details?cdscode=19647336058077>

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7),¹¹⁷ and it is zoned “Public Facilities” (PF) (see Figure 8). Both the Northeast Los Angeles Community Plan and the City zoning code permit public secondary schools in the Public Facilities designations.^{118,119} Therefore, the proposed Project does not conflict with the applicable land use plans and regulations. Furthermore, there would be no conflict with zoning designations because, as allowed per Government Code Section 53094, in 2019 the LAUSD Board of Education adopted a resolution to exempt all LAUSD school sites from local land use regulations.

Additionally, the proposed Project would not conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. On the contrary, a core objective of the proposed major modernization Project is to provide structurally safe buildings in order to meet AB 300 criteria for seismic evaluation; therefore, the proposed Project would be undertaken to ensure compliance with a policy that has been adopted to mitigate existing seismic risks.

The proposed Project would modernize the existing Campus to improve safety for the Project’s existing use as a school. There would be no conflict with the existing or surrounding land uses. Therefore, there would be no impact. No further analysis is warranted.

¹¹⁷ City of Los Angeles. June 25, 2014. “General Plan Land Use Map – Northeast Los Angeles Community Plan.” <https://planning.lacity.org/plans-policies/community-plan-area/north-los-angeles>

¹¹⁸ City of Los Angeles. Amended September 7, 2016. “Northeast Los Angeles Community Plan.” <https://planning.lacity.org/plans-policies/community-plan-area/north-los-angeles>

¹¹⁹ City of Los Angeles. Municipal Code, Chapter 1, Section 12.04.09 “PF” Public Facilities Zone. ["https://codelibrary.amlegal.com/codes/los_angeles/latest/lapz/0-0-0-1548](https://codelibrary.amlegal.com/codes/los_angeles/latest/lapz/0-0-0-1548) (accessed April 23, 2023)

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES. Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

a) Result in the loss of availability of a known mineral resource that would be a value to the region and the residents of the state?

No Impact. The proposed Project would result in no impacts in relation to the loss of availability of a known mineral resource that would be of value to the region and the residents of the state. The proposed Project site is located at Irving MS, which is currently in operation as a school and has been open since 1937.¹²⁰ The proposed Project site is designated by the Northeast Los Angeles Community Plan as “Junior High School – Public” with a “Public Facilities” land use designation (see Figure 7).¹²¹ It is zoned PF (see Figure 8), which is primarily intended for government uses, public libraries, schools, post offices, public health facilities, farming and nurseries, public parking, and fire and police stations.¹²² Based on review of the most recent California Geological Survey mineral land classification map, the proposed Project site is located in Mineral Resource Zone 3 (MRZ-3).¹²³ MRZ-3s contain concrete aggregate of undetermined mineral resource significance, which does not constitute a known mineral resource of value to the region. Further, given that the proposed Project site is currently occupied and not zoned or designated for mineral resources, the site is unavailable for extraction, and City does not intend to use it for such. The proposed Project, which involves modifications to the existing school, would not preclude mineral extraction to a greater extent than that which already exists. Therefore, there would be no impact. No further analysis is warranted.

b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

No Impact. The proposed Project would result in no impacts in relation to the loss of availability of a locally important mineral resource recovery site. The proposed Project site contains no mineral resource extraction operations; the proposed Project site is located at Irving MS, which currently operates as a school and has been

¹²⁰ California Department of Education. August 17, 2023. “California School Directory - Washington Irving Middle School Math, Music and Engineering Magnet.” <https://www.cde.ca.gov/schooldirectory/details?cdscode=19647336058077>

¹²¹ City of Los Angeles. June 25, 2014. “General Plan Land Use Map – Northeast Los Angeles Community Plan.” <https://planning.lacity.org/plans-policies/community-plan-area/north-los-angeles>

¹²² City of Los Angeles. Municipal Code, Chapter 1, Section 12.04.09 “PF” Public Facilities Zone. https://codelibrary.amlegal.com/codes/los_angeles/latest/lapz/0-0-0-1548 (accessed April 23, 2023)

¹²³ California Geological Survey. 2021. “Updated Mineral Resource Zones for Portland Cement Concrete Aggregate in the San Fernando Valley and Saugus-Newhall Production-Consumption Regions.” <https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=mlc>

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open since 1937.¹²⁴ The proposed Project site is located in the Northeast Los Angeles Community Plan Area of the City of Los Angeles. The Northeast Los Angeles Community Plan does not delineate any locally important mineral resource recovery site,¹²⁵ and the Conservation Element of the City General Plan states that “the only available [mineral] deposit site in the city is the Tujunga alluvial fan.”¹²⁶ Based on review of the California Division of Mine Reclamation database, the nearest mine is the Peck Road Gravel Pit in the City of Irwindale, located approximately 13.5 miles east.¹²⁷ As there are no locally important mineral resource recovery sites at the proposed Project site, there would be no impact. No further analysis is warranted.

¹²⁴ California Department of Education. August 17, 2023. “California School Directory - Washington Irving Middle School Math, Music and Engineering Magnet.” Available at <https://www.cde.ca.gov/schooldirectory/details?cdscode=19647336058077>

¹²⁵ City of Los Angeles. Amended September 7, 2016. “Northeast Los Angeles Community Plan.” <https://planning.lacity.org/plans-policies/community-plan-area/north-los-angeles>

¹²⁶ City of Los Angeles. September 2001. “Conservation Element.” <https://planning.lacity.org/plans-policies/general-plan-overview>

¹²⁷ California Department of Conservation, Division of Mine Reclamation. “Mines Online.” <https://maps.conservation.ca.gov/mol/index.html> (accessed August 23, 2023)

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII. NOISE. Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or in other applicable local, state, or federal standards?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Generation of excessive groundborne vibration or groundborne noise levels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing noise and vibration impacts; applicable SCs related to noise and vibration impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-N-1	LAUSD shall design new buildings and other noise-generating sources to include features such as sound walls, building configuration, and other design features that attenuate exterior noise levels on a school campus to less than 67 dBA L_{eq} . ¹²⁸
SC-N-2	<p>LAUSD shall analyze the acoustical environment of the site (such as traffic) and the characteristics of planned building components (such as Heating, Ventilation, and Air Conditioning [HVAC]), and designs shall achieve interior classroom noise levels of less than 45 dBA L_{eq} with a target of 40 dBA L_{eq} (unoccupied), and a reverberation time of 0.6 seconds. Noise reduction methods shall include, but are not limited to, sound walls, building and/or classroom insulation, HVAC modifications, double-paned windows, and other design features.</p> <ul style="list-style-type: none"> • New construction should achieve classroom acoustical quality consistent with the current School Design Guide and CHPS (California High Performance Schools) standard of 45 dBA L_{eq}. • New HVAC installations should be designed to achieve the lowest possible noise level consistent with the current School Design Guide. HVAC systems shall be designed so that noise from the system does not cause the ambient noise in a classroom to exceed the current School Design Guide and CHPS standard of 45 dBA L_{eq}. • Modernization of existing facilities and/or HVAC replacement projects should improve the sound performance of the HVAC system over the existing system. • The District's purchase of new units should give preference to HVAC manufacturers that sell the lowest noise level units at the lowest cost. • Existing HVAC units operating in excess of 45 dBA L_{eq} inside classrooms should be modified

¹²⁸ L10 value represents the noise level that is exceeded 10% of the time or 6 minutes in an hour.

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SC-N-3	<p>LAUSD shall incorporate long-term permanent noise attenuation measures between new playgrounds, stadiums, and other noise-generating facilities and adjacent noise-sensitive land uses, to reduce noise levels to meet jurisdictional standards or an increase of 3 dB or less over ambient.</p> <p>Operational noise attenuation measures include, but are not limited to:</p> <ul style="list-style-type: none"> • Buffer zones; • Berms; • Sound barriers; • Buildings; • Masonry walls; • Enclosed bleacher foot wells; and/or <p>Other site-specific project design features</p>
SC-N-4	<p>LAUSD or its Construction Contractor shall consult and coordinate with the school principal or site administrator, and other nearby noise sensitive land uses prior to construction to schedule high noise or vibration producing activities to minimize disruption. Coordination between the school, nearby land uses and the Construction Contractor shall continue on an as-needed basis throughout the construction phase of the project to reduce school and other noise sensitive land use disruptions.</p>
SC-N-5	<p>LAUSD shall require the Construction Contractor to minimize blasting for all demolition and construction activities, where feasible</p>
SC-N-6	<p>For projects where pile driving activities are required within 150 feet of a structure, a detailed vibration assessment shall be provided by an acoustical engineer to analyze potential impacts related to vibration to nearby structures and to determine feasible mitigation measures to eliminate potential risk of architectural damage.</p>
SC-N-7	<p>LAUSD shall meet with the Construction Contractor to discuss alternative methods of demolition and construction for activities within 25 feet of a historic building to reduce vibration impacts. During the preconstruction meeting, the Construction Contractor shall identify demolition methods not involving vibration-intensive construction equipment or activities. For example: sawing into sections that can be loaded onto trucks results in lower vibration levels than demolition by hydraulic hammers.</p> <ul style="list-style-type: none"> • Prior to construction activities, the Construction Contractor shall inspect and report on the current foundation and structural condition of the historic building. • The Construction Contractor shall implement alternative methods identified in the preconstruction meeting during demolition, excavation, and construction, such as mechanical methods using hydraulic crushers or deconstruction techniques. • The Construction Contractor shall avoid use of vibratory rollers and packers adjacent to the building. • During demolition, the Construction Contractor shall not phase any ground-impacting operations near the building to occur at the same time as any ground impacting operation associated with demolition and construction. <p>During demolition and construction, if any vibration levels cause cosmetic or structural damage to the building or structure, a “stop-work” order shall be issued to the Construction Contractor immediately to prevent further damage. Work shall not restart until the building is stabilized and/or preventive measures to relieve further damage to the building are implemented.</p>
SC-N-8	<p>Projects within 500 feet of a non-LAUSD sensitive receptor, such as a residence, shall be reviewed by OEHS to determine what, if any, feasible project specific noise reduction measures are needed.</p> <p>The Construction Contractor shall implement project specific noise reduction measures identified by OEHS. Noise reduction measures may include, but are not limited to, the following:</p>

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	<p><u>Source Controls</u></p> <ul style="list-style-type: none"> • Time Constraints – prohibiting work during sensitive nighttime hours. • Scheduling – performing noisy work during less sensitive time periods (on operating campus: delay the loudest noise generation until class instruction at the nearest classrooms has ended; residential: only between 7:00 AM and 7:00 PM). • Equipment Restrictions – restricting the type of equipment used. • Substitute Methods – using quieter methods and/or equipment. • Exhaust Mufflers – ensuring equipment has quality mufflers installed. • Lubrication & Maintenance – well maintained equipment is quieter. • Reduced Power Operation – use only necessary size and power. • Limit Equipment On-Site – only have necessary equipment on-site. • Noise Compliance Monitoring – technician on site to ensure compliance. • Quieter Backup Alarms – manually-adjustable or ambient sensitive types. <p><u>Path Controls</u></p> <ul style="list-style-type: none"> • Noise Barriers – semi-permanent or portable wooden or concrete barriers. • Noise Curtains – flexible intervening curtain systems hung from supports. • Enclosures – encasing localized and stationary noise sources. • Increased Distance – perform noisy activities farther away from receptors, including operation of portable equipment, storage and maintenance of equipment. <p><u>Receptor Controls</u></p> <ul style="list-style-type: none"> • Window Treatments – reinforcing the building’s noise reduction ability. • Community Participation – open dialog to involve affected residents. • Noise Complaint Process – ability to log and respond to noise complaints. Advance notice of the start of construction shall be delivered to all noise sensitive receptors adjacent to the project area. The notice shall state specifically where and when construction activities will occur, and provide contact information for filing noise complaints with the Construction Contractor and the District. In the event of noise complaints noise shall be monitored from the construction activity to ensure that construction noise is not obtrusive.
SC-N-9	<p>Construction Contractor shall ensure that LAUSD interior classroom noise and exterior noise standards are met to the maximum extent feasible, or that construction noise is not disruptive to the school environment, through implementation of noise control measures, as necessary.¹²⁹ Noise control measures may include, but are not limited to:</p> <p><u>Path Controls</u></p> <ul style="list-style-type: none"> • Noise Attenuation Barriers¹³⁰ – Temporary noise attenuation barriers installed blocking the line of sight between the noise source and the receiver. Intervening barriers already present, such as berms or buildings, may provide sufficient noise attenuation, eliminating the need for installing noise attenuation barriers.

¹²⁹ The need for noise control measures depends on the type and quantity of equipment being used, the work being performed, and the proximity of the construction activity to active exterior use areas (e.g., playgrounds, athletic fields, etc.) or classrooms. For example, the need for noise control measures may be required if a major construction project (e.g. demolition of a building and/or construction of a new building) takes place on an active LAUSD campus.

¹³⁰ While the height and Sound Transmission Class (STC) rating of the Noise Attenuation Barrier needed will depend on the Project specific conditions, an example of the specifications for a Noise Attenuation Barrier would be: Noise Attenuation Barriers shall be a minimum height of 12 feet and have a minimum Sound Transmission Class rating of 25 (STC-25).

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	<p><u>Source Controls</u></p> <ul style="list-style-type: none"> • Scheduling – performing noisy work during less sensitive time periods (on operating campus: delay the loudest noise generation until class instruction at the nearest classrooms has ended; residential areas: only between 7:00 AM and 7:00 PM). • Substitute Methods – using quieter methods and/or equipment. • Exhaust Mufflers – ensuring equipment has quality mufflers installed. • Lubrication & Maintenance – well maintained equipment is quieter. • Reduced Power Operation – use only necessary size and power. • Limit Equipment On-Site – only have necessary equipment on-site. • Quieter Backup Alarms – manually-adjustable or ambient sensitive types. <p>If OEHS determines that the above noise reduction measures will not reduce construction noise to below the levels permitted by LAUSD’s noise standards LAUSD shall mandate that construction bid contracts include the following receptor controls:</p> <p><u>Receptor Controls</u></p> <ul style="list-style-type: none"> • Temporary Window Treatments – temporarily reinforcing the building’s noise reduction ability. <p>Temporary Relocation – in extreme otherwise unmitigable cases, students shall be moved to temporary classrooms / facilities away from the construction activity.</p>
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- a) **Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or in other applicable local, state, or federal standards?**

Potentially Significant Impact. Construction and operational activities associated with the Project have the potential to create noise impacts that may adversely affect surrounding residential and commercial uses. Noise levels from mobile and stationary sources may increase where construction of new buildings and other facilities are proposed. Therefore, relevant noise standards and temporary and periodic noise levels associated with Project construction will be further evaluated within the Draft EIR.

- b) **Generation of excessive groundborne vibration or groundborne noise levels?**

Potentially Significant Impact. Groundborne vibration and groundborne noise could occur during the construction phase of the proposed Project. Therefore, relevant vibration standards and temporary and vibration levels which could occur during construction and operation of the Project will be further evaluated within the Draft EIR.

- c) **For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

No Impact. The proposed Project would result in no impacts to noise in relation to being located within a private airstrip or airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport. The Hollywood Burbank Airport is located 8.5 miles northwest of the proposed Project site. The proposed Project would not result in population growth and would not generate trips, causing an increase in excessive noise levels. There would be workers present during construction and maintenance

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activities, but those activities would be temporary and intermittent in nature. The proposed Project would not result in any impacts related to an airport.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV. PEDESTRIAN SAFETY. Would the project:				
a. Substantially increase vehicular and/or pedestrian safety hazards due to a design feature or incompatible uses?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Create unsafe routes to schools for students walking from local neighborhoods?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Be located on a site that is adjacent to or near a major arterial roadway or freeway that may pose a safety hazard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Explanation:

LAUSD has SCs for approval for minimizing impacts to pedestrian safety. Applicable SCs related to pedestrian safety impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-PED-1	<p>LAUSD shall participate in the Safe Routes to School (SR2S) program.</p> <p>Caltrans SR2S program. LAUSD is a participant in the SR2S program administered by Caltrans, local law enforcement, and transportation agencies. OEHS provides pedestrian safety evaluations as a component of traffic studies conducted for new school projects. This pedestrian safety evaluation includes a determination of whether adequate walkways and sidewalks are provided along the perimeter of, across from, and adjacent to a proposed school site and along the paths of identified pedestrian routes within a 0.25-mile radius of a proposed school site. The purpose of this review is to ensure that pedestrians are adequately separated from vehicular traffic.</p>
SC-PED-2	<p>LAUSD shall implement the applicable requirements and recommendations associated with the OEHS Traffic and Pedestrian Safety Program.</p> <p>OEHS Traffic and Pedestrian Safety Program LAUSD has developed these performance guidelines to minimize potential pedestrian safety risks to students, faculty and staff, and visitors at LAUSD schools. The performance guidelines include the requirements for: student drop-off areas, vehicle access, and pedestrian routes to school. School traffic/circulation studies shall identify measures to ensure separation between pedestrians and vehicles along potential pedestrian routes, such as sidewalks, crosswalks, bike paths, crossing guards, pedestrian and traffic signals, stop signs, warning signs, and other pedestrian access measures.</p>
SC-PED-3	<p>LAUSD shall implement the applicable sidewalk requirements outlined in the School Design Guide. LAUSD shall also coordinate with the responsible traffic jurisdiction/agency to implement infrastructure improvements prior to the opening of a school. Improvements shall include, but are not limited to:</p> <ul style="list-style-type: none"> Clearly designate passenger loading areas with the use of signage, painted curbs, etc. Install new walkway and/or sidewalk segments where none exist. Substandard walkway/sidewalk segments shall be improved to a minimum of eight feet wide.

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	Provide other alternative measures that separate foot traffic from vehicular traffic, such as distinct travel pathways or barricades.
SC-PED-4	<p>LAUSD shall design the project to comply with the traffic and pedestrian guidelines in the School Traffic Safety Reference Guide.</p> <p>School Traffic Safety Reference Guide REF- 4492.1. This Reference Guide replaces Reference Guide 4492.0, School Traffic Safety, September 30, 2008. Updated information is provided, including new guidance on passenger loading zones and the Safety Valet Program. This guide sets forth requirements for traffic and pedestrian safety, and procedures for school principals to request assistance from OEHS, the Los Angeles Schools Police Department (LASPD), or the local police department regarding traffic and pedestrian safety. Distribution and posting of the Back to School Safety Tips flyer is required. This guide also includes procedures for traffic surveys, parking restrictions, crosswalks, advance warning signs (school zone), school parking signage, traffic controls, crossing guards, or for determinations on whether vehicle enforcement is required to ensure the safety of students and staff.</p>
SC-PED-5	<p>LAUSD shall design new student drop-off, pick-up, bus loading areas, and parking areas to comply with the School Design Guide.</p> <p>School Design Guide. The Guide states student drop-off and pick-up, bus loading areas, and parking areas shall be separated to allow students to enter and exit the school grounds safely.</p>
SC-T-3	Implementation of SC-T-3.
SC-T-4	Implementation of SC-T-4.

The Project site is bound by Fletcher Drive to the northwest, West Avenue 32 to the southwest, Estara Avenue to the northeast, and Marguerite Street to the southeast. The Project site also contains two vacated City of Los Angeles streets, Moss Avenue and Roswell Street, that allow access to a parking lot on site. Moss Avenue, a closed street that enters from Fletcher Drive, is a major trafficked thoroughfare. Roswell Street enters from Estara Avenue on the northeast side of campus. There are four crosswalks that provide access to the Campus:

1. Intersection of Fletcher Drive and Estara Avenue (towards the northernmost point of the site)
2. Intersection of Estara Avenue and Marguerite Street (towards the easternmost point of the site)
3. Intersection of West Avenue 32 and Fletcher Drive (towards the westernmost point of the site)
4. Intersection of Marguerite Street and West Avenue 32 (towards the southernmost point of the site)

The driveway accesses on Estara Avenue and Fletcher Drive exceed maximum width of a City of Los Angeles driveway, as they used to be alleys before being vacated by the City of Los Angeles. The access point at Estara Avenue (Roswell Street) does not provide pedestrian access. The campus is enclosed by a chain-link fence, with gated vehicular access at four locations:

1. Vehicular/Maintenance access at Estara Avenue (Accessible through Roswell Street)

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2. Vehicular/Maintenance access at Fletcher Drive (Accessible through Moss Avenue)
3. Two Vehicular/Maintenance access points on West Avenue 32 (one further north, near the bungalows, and one further south near the basketball courts)

Pedestrian access is controlled at gates at seven locations:

1. Magnet Gate located on W Avenue 32 (near the southwestern portion of the school, just north of the soccer field)
2. Octavia Gate on Marguerite Street (towards the southeastern end of campus to the northeast of the Racquetball enclosure)
3. Pedestrian Gate on the northeastern slope of Marguerite Street (to the northeast of the Homemaking Building).
4. Main Gate on Estara Avenue (located northwest of the eastern most corner on campus, to the northwest of the Auditorium)
5. Pedestrian Gate on Estara Avenue (immediately southeast to driveway access to Roswell Street)
6. Fletcher Gate on Fletcher Drive (near western corner on campus, beside access to Moss Avenue)
7. Octavia Gate 3 on Fletcher Drive (furthest gate west on campus, to the southwest of Fletcher Gate)

The Main Pedestrian Gate on Estara Avenue functions as a Check-in Gate, where a guard checks in students and visitors. Evaluation on other driveways and sidewalks was not sufficiently provided by the survey. The Administration Building on the Campus can be most easily accessed from the Main Pedestrian Gate.

There are five pick-up/drop-off zones located on Campus, and one Special Education (SPED) bus pick-up/drop-off site on the Roswell Street parking lot. The Campus site is bisected by two main walking paths. The first main pedestrian walking path runs east-west across campus and connects an entrance on Marguerite Avenue to Moss Avenue. Both ends of this walking path serve as drop-off points for pedestrians. The second main walking path starts at the Main Pedestrian Gate entrance on Estara Avenue and runs southwest to the Physical Education Building. There is a Magnet and Lacer program pick-up/drop-off zone located on W Avenue 32, a Charter School pick-up/drop-off zone located on Marguerite Street with an entrance at Octavia Gate, an Irving MS pick-up/drop-off zone at the Pedestrian Gate on Marguerite Street, a Charter School pick-up/drop-off zone off Fletcher Drive, and an Irving MS pick-up/drop-off zone at the Main Gate entrance.

a) Substantially increase vehicular and/or pedestrian safety hazards due to a design feature or incompatible uses?

Potentially Significant Impact. The proposed Project would result in potentially significant impacts in relation to vehicular and/or pedestrian safety hazards. LAUSD SCs require that performance guidelines to minimize potential pedestrian safety risks to students, faculty and staff, and visitors at LAUSD schools are taken into consideration in the design of sidewalks, new student drop-off, pick-up, bus loading areas, and

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parking areas.¹³¹ The Project is a modernization of the school to alleviate structural and seismic risks on the campus from an earthquake fault under the campus. The Project site would still function as a school, and the school would remain operational throughout construction activity. This Project plans to decrease the classroom count by 29 percent (or 19 classrooms), for a total of 46 classrooms, and construction may impact parking areas, vehicular access, student pick-up/drop-off zones, and pedestrian routes. The proposed Project would not interfere with public right-of-way, except for construction vehicle entry and exiting from the site and traffic from construction activities. The Project would be bounded within the proposed site, and there are no plans for a design feature that would increase vehicular and/or pedestrian safety. However, a *Traffic and Pedestrian Safety Technical Study* is being prepared that will identify the potential for impacts as well as whether any streets on or adjacent to the campus need to be repaved and restriped as part of the Project, meaning for a brief time during construction phasing, their use would be impacted. Additionally, the proposed Project would also improve portions of parking lots and playgrounds located on the Project site. Any areas located directly above the fault would be turned into outdoor areas, such as hardscape, landscape, or parking. The proposed Project would also provide for ADA upgrades at locations impacted by the Project scope. The proposed Project would result in less than significant impacts to vehicular/and or pedestrian safety in relation to design features or incompatible use during operation. However, due to traffic consideration from construction activities, the potential for impacts will be analyzed further in the Draft EIR following the Linscott, Law & Greenspan, Engineers (LLG) *Traffic and Pedestrian Safety Technical Study* that is being prepared for this Project.

b) Create unsafe routes to schools for students walking from local neighborhoods?

Potentially Significant Impact. The proposed Project would result in potentially significant impacts in relation to unsafe routes for students walking from local neighborhoods. The public sidewalk along the school's west side on W Avenue 32 is 4 feet wide and currently does not meet the City of Los Angeles standard for a minimum width of 5 feet. Additionally, there are sidewalk tripping hazards near the northwest driveway on W Avenue 32 (Vehicular Access 4). There is also evidence of erosion along the western and southern areas of the site that affect the sidewalk. Furthermore, Vehicular Access 1 on Estara Avenue does not provide an ADA-accessible path for pedestrians along the public sidewalk. If improvements are needed at Vehicular Access 1, the access point might be reconstructed with an ADA-accessible sidewalk entry or curb ramps per city standard. However, as the proposed Project plan does not extend beyond the fenced area of the school campus into the public right-of-way, there is no current plan to alter sidewalks, crosswalks, and roadways in the surrounding neighborhood. Construction would feature the upgrade of parking lots and playgrounds and change areas above the earthquake fault into outdoor areas, such as landscapes, hardscapes, and parking. Construction phasing may also require repaving and restriping of streets on or adjacent to the campus, which could impact pedestrian access to the school. Potential risks to safety for students walking to the campus associated with public sidewalks mentioned above will be evaluated in the LLG *Traffic and Pedestrian Safety Technical Study*. The proposed Project will require construction vehicles to enter and exit the campus, so traffic control measures need to be evaluated for traffic and pedestrian safety. The proposed Project would not create unsafe routes for students walking from local neighborhoods during operation, but as there is potential for Project-related pedestrian safety impacts during construction, vehicular/and or pedestrian safety will be analyzed further in the in the LLG *Traffic and Pedestrian Safety Technical Study* carried into the Draft EIR.

¹³¹ Los Angeles Unified School District. 2015. School Upgrade Program Final Environmental Impact Report, <http://achieve.lausd.net/ceqa>. Adopted by the Board of Education on November 10, 2015.

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- c) **Be located on a site that is adjacent to or near a major arterial roadway or freeway that may pose a safety hazard?**

Potentially Significant Impact. The proposed Project would result in potentially significant impacts in relation to the position of the site near to or adjacent to a major arterial roadway or freeway that may pose a safety hazard. The nearest major arterial roadway is Fletcher Drive, designated as arterial roadway type Avenue II by the City Mobility Plan.¹³² Fletcher Drive receives significant traffic and is described as a major thoroughfare for area traffic.¹³³ The nearest freeway, State Route (SR)-2, is located just past Maguerite Street. While located near the Project site, freeway SR-2 is elevated and does not provide vehicular access to the site until San Fernando Road approximately 0.2 mile southwest of the Project site. The site has been in operation adjacent to the arterial roadway, Fletcher Drive, and would continue to maintain operation through construction. Construction or alterations to existing pedestrian or vehicular access may result in a potential safety hazard from Fletcher Drive and will be evaluated in the LLG *Traffic and Pedestrian Safety Technical Study*. As there is potential for Project-related impacts, vehicular/and or pedestrian safety will be analyzed further by LLG and carried into the Draft EIR.

¹³² Los Angeles City Planning. Northeast Los Angeles Community Plan 2023. Circulation Map.
<https://planning.lacity.org/odocument/4e41c97d-be85-4e7c-8787-6f4b5abb7c2d/gencircmap.nla.pdf>

¹³³ Irving Steam Magnet Middle School. Site Analysis & Program Development Report. 2023.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XV. POPULATION AND HOUSING. Would the project:				
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to population and housing. Applicable SCs related to population and housing impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-PH-1	Relocation Assistance Advisory Program LAUSD shall conform to all residential and business displacement guidelines presented in the LAUSD's Relocation Assistance Advisory Program, which complies with all items identified in the California State Relocation Assistance and Real Property Acquisition Guidelines (California Code of Regulations Title 25, Division 1, Chapter 6).

- a) **Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

No Impact. The proposed Project would result in no impact to population and housing in relation to inducing substantial direct or indirect population growth. The proposed Project would replace some buildings and remove others located on the earthquake fault on the campus. The Project would decrease the classroom count by 32 percent (or 21 classrooms), which would not be expected to induce population growth. No new houses would be built; no new businesses would be introduced; and because the Project site is located in an urban context, there is no need to extend infrastructure into any areas not currently served via roads and utilities as a result of the proposed Project. Although construction of the Project could cause fluctuations with enrollment, the overall number of classrooms would decrease, so the Project is not likely to result in an increase in population as a result of the proposed construction activities or operations. The proposed Project would reduce the number of classrooms from 65 to 46 on campus. Therefore, an increase in staff requirements is not anticipated. There are sufficient available labor supplies within 30 miles of the Project site to support design, construction, operation, and maintenance of the Project.¹³⁴ The Project site is located in the center of a dense urban area in the City of Los Angeles with a high population and readily available workforce, and labor needs would be met through the available labor in Los Angeles County. The labor force as of June 2023 for Los

¹³⁴ State of California, Employment Development Department. March 2022. Monthly Labor Force Data for Cities and Census Designated Places (CDP). <https://labormarketinfo.edd.ca.gov/geography/losangeles-county.html> (accessed August 7, 2023).

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Angeles County is 5,024,300 with an unemployment rate of 5.3 percent.¹³⁵ June 2023 construction industry data in the Los Angeles-Long Beach-Glendale Metropolitan District starts at 1,595,100 employed, up from 1,573,100 at the beginning of 2022.¹³⁶ Therefore, there is sufficient labor supply within the county to support construction, operation, and maintenance of the Project. Local contractors and employees would be available and would not require labor forces to move to or near the Project area as a direct result of the proposed Project. Therefore, there would be no impacts to population and housing related to inducing substantial direct or indirect population growth, and no further analysis is warranted.

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact. The proposed Project would result in no impact to population and housing in relation to the displacement of substantial amounts of existing people or housing, necessitating the construction of replacement housing elsewhere. The proposed Project is a modernization Project of an existing school campus. There is no existing housing, or any proposed housing for construction, within the proposed Project site.¹³⁷ The proposed Project is not anticipated to increase property values such that residents would no longer be able to afford staying in their homes. The proposed Project would not require any eminent domain or evictions to make way for new development, and no indirect displacement is anticipated from the Project. Therefore, there would be no impacts to population and housing related to the displacement of substantial amounts of existing people or housing, and no further analysis is warranted.

135 State of California, Employment Development Department. July 21, 2023. Unemployment Rates and Labor Force. Labor Market Information for Los Angeles-Long Beach-Glendale Metropolitan District (Los Angeles County). <https://labormarketinfo.edd.ca.gov/geography/losangeles-county.html> (accessed August 7, 2023).

136 State of California, Employment Development Department. 2019. Occupational Employment and Wage Statistics (OEWS) Employment and Wage Statistics: Los Angeles-Long Beach-Glendale Metropolitan District. Labor Market Information Resources and Data. <https://labormarketinfo.edd.ca.gov/data/employment-projections.html#Long> (accessed August 7, 2023).

137 City of Los Angeles. 2021. City of Los Angeles General Plan. 2021-2029 Housing Element. [https://planning.lacity.org/odocument/6fbfbbd0-a273-4bad-a3ad-9a75878c8ce3/Chapter_6_-_Housing_Goals,_Objectives,_Policies,_and_Programs_\(Adopted\).pdf](https://planning.lacity.org/odocument/6fbfbbd0-a273-4bad-a3ad-9a75878c8ce3/Chapter_6_-_Housing_Goals,_Objectives,_Policies,_and_Programs_(Adopted).pdf) (accessed August 7, 2023).

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI. PUBLIC SERVICES. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
a. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to public services. Applicable SCs related to public services impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-PS-1	<p>If necessary, LAUSD shall:</p> <ol style="list-style-type: none"> Have local fire and police jurisdictions review all construction and site plans prior to the State Fire Marshall's final approval. <p>Provide a full site plan for the local review, including all buildings, both existing and proposed; fences; drive gates; retaining walls; and other construction affecting emergency vehicle access, with unobstructed fire lanes for access indicated.</p>
SC-PS-2	LAUSD shall implement emergency preparedness and response procedures in all schools as required in LAUSD References, Bulletins, Safety Notes, and Emergency Preparedness Plans.

a) Fire protection?

No Impact. The proposed Project would result in no impact in relation to substantial adverse physical impacts associated with new or physically altered fire protection facilities in order to maintain acceptable service ratios, response times, or other performance objectives. Based on review of the Safety Element of the City of Los Angeles General Plan, fire protection in the City is provided by the LAFD.¹³⁸ The Project site is a middle school campus that is currently served by LAFD Station 50.¹³⁹ Secondary fire protection services could be provided by one of three fire stations: Fire Station 22 (located approximately 1.5 miles from the proposed Project site at 1201 S Glendale Ave, Glendale, CA 91205), Fire Station 55 (located approximately 1.6 miles from the proposed Project site at 4455 York Blvd, Los Angeles, CA 90041), and Fire Station 56 (located approximately 1.6 miles from the proposed Project site at 2759 Rowena Ave, Los Angeles, CA 90039).

¹³⁸ City of Los Angeles. November 2021. City of Los Angeles General Plan. Safety Element.

https://planning.lacity.org/odocument/bf51ae04-1c7b-4931-9a29-d46209998b89/Safety_Element.pdf

¹³⁹ City of Los Angeles Department of City Planning. n.d. ZIMAS. Address: 3010 E Estara Ave. Available at: <http://zimas.lacity.org/> (accessed August 9, 2023).

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The LAFD is comprised of career firefighters and reserve staff to support large-scale incidents, and it has access to a well-developed network of water systems to adequately respond to large-scale fires that may occur within the City. The City has over 100 fire stations, and Downtown Los Angeles is covered by the Central Bureau, which manages the operations of 22 fire stations. Station 50 is located approximately 545 feet or a 1-minute drive southwest of the Project site and would provide fire protection services in case of emergency (**Table 7: City Fire Stations**).

Table 7
City Fire Stations

Station	Location	Distance to Site / Drive Time
No. 50	3036 Fletcher Drive Los Angeles, CA 90065	545 ft / 1 minute

Source: City of Los Angeles. 2023. City of Los Angeles Fire Department. <https://www.lafd.org/fire-stations/station-results>

Construction of the proposed Project would not result in the need for new or physically altered fire protection facilities, as construction activities would occur temporarily over a period of 21 months, during which there would not be an increased need for fire protection services. Construction work would occur within the buildings undergoing renovations, and staging areas would be situated within disturbed vacant lots. Fire protection access would not be hindered during construction. Operation of the proposed Project would not directly or indirectly induce population growth because it does not include the development of new homes, habitable structures, businesses, roads, or infrastructure. As there would be no net increase in population, there would be no need for additional firefighting personnel or new or expanded fire stations as a result of the proposed Project. The proposed Project site would continue to be served by LAFD due to its location in the City.

Therefore, there would be no impacts in relation to substantial adverse physical impacts associated with new or physically altered fire protection facilities in order to maintain acceptable service ratios, response times, or other performance objectives. No further analysis is warranted.

b) Police protection?

Level of Impact. The proposed Project would result in no impacts in relation to substantial adverse physical impacts associated with new or physically altered police protection facilities in order to maintain acceptable service ratios, response times, or other performance objectives. The Project site is a middle school campus that is currently served by the City of Los Angeles Police Department (LAPD) Northeast Community Station.¹⁴⁰ The LAUSD also maintains its own police department to provide security for LAUSD schools and centers within its jurisdiction.¹⁴¹ The Los Angeles School Police Department (LASPD) would provide the primary law enforcement for the proposed Project. LAPD would be the secondary provider for police protection services

¹⁴⁰ City of Los Angeles Department of City Planning. n.d. ZIMAS. Address: 31010 E Estara Ave. Available at: <http://zimas.lacity.org/> (accessed August 9, 2023).

¹⁴¹ LAUSD, OEHS. New School Construction Program, Final Program Environmental Impact Report (PEIR) (incorporates the New School Construction Program, Draft PEIR), Published May 2004. Board Certified June 8, 2004, Draft PEIR p. 3.15-10.

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within the Project site. The LAPD currently has 11,942 sworn officers, which represents a service population ratio of 3.41 officers per 1,000 population.

Based on review of the Safety Element of the City General Plan and the LAPD website, the Northeast Community Police Department station is located at 3353 San Fernando Road, Los Angeles, CA 90065, approximately 0.3 mile or a 2-minute drive northwest of the Project site.^{142,143}

The proposed Project includes construction of multiple buildings at Irving MS. Construction of the proposed Project would not result in the need for new or physically altered police protection facilities, as construction activities would occur temporarily over a period of approximately 42 months, during which there would not be an increased need for police protection services. Operation of the proposed Project would not directly or indirectly induce population growth because it does not include the development of new homes, habitable structures, businesses, roads, or infrastructure. As there would be no net increase in population, there would be no need for additional police personnel or new or expanded police stations as a result of the proposed Project. The proposed Project site would continue to be served by the LAPD due to its location in the City.

Therefore, there would be no impacts in relation to substantial adverse physical impacts associated with new or physically altered police protection facilities in order to maintain acceptable service ratios, response times, or other performance objectives. No further analysis is warranted.

c) Schools?

No Impact. The proposed Project would result in no impacts in relation to substantial adverse physical impacts associated with new or physically altered school facilities in order to maintain acceptable service ratios, response times, or other performance objectives. Irving MS is a part of the Glassell Park/Los Feliz Community of Schools. The nearest schools to Irving MS are Fletcher Drive Elementary School (approximately 0.1 mile northeast), ISANA Octavia Academy (approximately 0.1 mile south), and Alliance Leichtman-Levine FFES High School (approximately 0.25 miles southwest) (**Figure 13: Schools**).¹⁴⁴

The proposed Project includes demolition and rebuilding of existing buildings and modernization of others. As stated in Section 3.2, *Proposed Project*, of the Project Description, the current 65 standard classrooms would be reduced to 46 standard classrooms. The proposed Project would not directly or indirectly induce population growth because it does not include the development of new homes, habitable structures, businesses, roads, or infrastructure. As there would be no increase in population and the Project is proposing improvements to an existing school facility, there would be no need for new or expanded school facilities as a result of the proposed Project.

¹⁴² City of Los Angeles. November 2021. City of Los Angeles General Plan. Safety Element.

https://planning.lacity.org/odocument/bf51ae04-1c7b-4931-9a29-d46209998b89/Safety_Element.pdf

¹⁴³ Los Angeles Police Foundation and the LAPD. 2023. Your LAPD by Division. <https://www.lapdonline.org/lapd-contact/central-bureau/northeast-community-police-station/?zip=Washington%20Irving%20Mid%20School%20Math%20Music%20And%20Engr%20Magnet%2C%203010%20Estara%20Ave%20%20Los%20Angeles%2090065>

¹⁴⁴ Los Angeles Police Foundation and the LAPD. 2023. Your LAPD by Division. <https://www.lapdonline.org/lapd-contact/central-bureau/northeast-community-police-station/?zip=Washington%20Irving%20Mid%20School%20Math%20Music%20And%20Engr%20Magnet%2C%203010%20Estara%20Ave%20%20Los%20Angeles%2090065>

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Therefore, there would be no impacts in relation to substantial adverse physical impacts associated with new or physically altered school facilities in order to maintain acceptable service ratios, response times, or other performance objectives. No further analysis is warranted.

d) Parks?

No Impact. The proposed Project would result in no impact in relation to substantial adverse physical impacts associated with new or physically altered park facilities in order to maintain acceptable service ratios, response times, or other performance objectives.

The proposed Project includes demolition and rebuilding of existing buildings and modernization of others. The proposed Project would not directly or indirectly induce population growth because it does not include the development of new homes, habitable structures, businesses, roads, or infrastructure. As there would be no net increase in population, there would be no need for new or expanded park facilities as a result of the proposed Project.

Although the proposed Project would involve construction of replacement outdoor basketball courts and other school athletic facilities where new buildings cover the locations of existing facilities, these would not be new park facilities. The proposed Project would enhance the existing recreational facilities on the Campus. The recreational facilities on the Campus are available to the community for use pursuant to the Civic Center Act (CA Ed. Code Sections 38130 – 38139). Therefore, there would be no impacts in relation to substantial adverse physical impacts associated with new or physically altered park facilities in order to maintain acceptable service ratios or other performance objectives. No further analysis is warranted.

e) Other public facilities?

No Impact. The proposed Project would result in no impact in relation to substantial adverse physical impacts associated with new or physically altered public facilities in order to maintain acceptable service ratios, response times, or other performance objectives.

The proposed Project, which would be limited to the Campus property, would not require the construction of new maintenance roads as a result of the proposed Project, and the proposed Project does not involve the construction of public facilities (e.g., libraries, hiking trails). The proposed Project would not directly or indirectly induce population growth because it does not include the development of new homes, habitable structures, businesses, roads, or infrastructure. As there would be no net increase in population, there would be no need for new or expanded public facilities as a result of the proposed Project to serve a new population.

Therefore, there would be no impacts in relation to substantial adverse physical impacts associated with new or physically altered public facilities in order to maintain acceptable service ratios, response times, or other performance objectives. No further analysis is warranted.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. RECREATION. Would the project:				
a. Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No Impact. The proposed Project would result in no impact to recreation in relation to increased use of existing neighborhood and regional parks or other recreational facilities that would contribute to their physical deterioration.

Irving MS is located in City of Los Angeles – Northeast Los Angeles – North Study Area of the County’s Park Needs Assessment. The neighborhood is served by both parks operated by the County of Los Angeles Department of Parks and Recreation and the City of Los Angeles Department of Recreation and Parks. According to the County of Los Angeles’s 2022 *Los Angeles Countywide Comprehensive Park Needs Assessment Plus*, the North Study Area (#183) contains 3.3 park acres per 1,000 population to support a population of approximately 149,099, the same as the county average of 3.3 park acres per 1,000 population.¹⁴⁵ Approximately 50 percent of the population lives within a half mile of a park, only slightly above the county average of 49 percent regarding park accessibility. The Project site is located within a mile of a total of 85.61 acres of park and recreational open space available to the community (see **Table 8: Existing City Parks and Recreation Facilities near Project Site**; and **Figure 14: Parks and Open Space**).

¹⁴⁵ Los Angeles County Department of Parks and Recreation and Placeworks. May 2022. Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment. City of LA Northeast Los Angeles – North Study Area. Available at: https://lacountyparkneeds.org/wp-content/root/FinalReportAppendixA/StudyArea_183.pdf (accessed August 7, 2023).

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**Table 8
Existing City Parks and Recreation Facilities near Project Site**

Park Name	Park Acreage	Distance from Project Site (miles)
Adams Square Mini-Park	0.30	1.0 north
Cerritos Park	0.89	0.8 northwest
Drew Street Park	0.12	0.2 north
Elysian Valley Gateway Park	0.32	1.7 southwest
Glassell Park and Recreation Center	12.66	0.3 east
Glenhurst Park	0.29	0.7 southwest
Juntos Park	1.64	0.2 northwest
Los Angeles River & Trail	5.43	0.7 southwest
Marsh Street Skate Park	0.29	0.6 southwest
Marsh Park	4.76	0.6 southwest
Natural Park	0.41	0.6 southwest
Palmer Park	3.33	1.0 northwest
Rio de Los Angeles State Park	54.77	0.4 southwest
Unnamed site – Mountains Recreation and Conservation Authority	0.40	0.6 southwest

Source:

Los Angeles County Department of Parks and Recreation and Placeworks. May 2022. Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment. City of LA Northeast Los Angeles – North Study Area. Available at: https://lacountyparkneeds.org/wp-content/root/FinalReportAppendixA/StudyArea_183.pdf (accessed August 7, 2023).

Los Angeles County Department of Parks and Recreation and Placeworks. May 2022. Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment. City of LA Silver Lake - Echo Park - Elysian Valley. Available at: https://lacountyparkneeds.org/wp-content/root/FinalReportAppendixA/StudyArea_138.pdf (accessed August 24, 2023).

Los Angeles County Department of Parks and Recreation and Placeworks. May 2022. Los Angeles Countywide Comprehensive Parks & Recreation Needs Assessment. City of Glendale - Southside. Available at: https://lacountyparkneeds.org/wp-content/root/FinalReportAppendixA/StudyArea_168.pdf (accessed August 24, 2023).

In addition, there are existing recreational facilities on the Project site that provide separate recreation opportunities for middle school students, such as basketball courts, a soccer field, and open lawn athletic field.

The proposed Project would not increase the use of existing neighborhood and regional parks or other recreational facilities that would cause or accelerate substantial deterioration of the facilities. The proposed Project would not induce population growth in the Project area, which would be the principal cause of such an impact. The proposed Project is not designed or expected to increase the current capacity of the Irving MS campus. Construction of the proposed Project would be phased to allow for operation of portions of the school campus during the construction phase. Recreation facilities required to support school programs would be provided on-site; therefore, there would be no long-term impact on existing recreation facilities and programs within the surrounding neighborhood as a result of the proposed Project. Pursuant to California Education Code Section 38131.b, also known as the Civic Center Act, school facilities would be available during off-school hours for permitted use by public organizations, which would add to the available recreation space in the community. While current recreation facilities would need to be replaced to accommodate the new buildings that would be located outside of the earthquake fault zone, with the construction of new shared-use recreation

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facilities on-site, the Project is anticipated to result in beneficial effects for the community. Therefore, there would be no impact. No further analysis is warranted.

b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?

No Impact. The proposed Project would include recreational facilities for its students. The proposed improvements would not require construction or expansion of off-site facilities. As the proposed Project would not increase the capacity of the existing middle school, it would not burden any facility beyond capacity by generating additional recreational users. Since adequate recreational facilities would be provided on-site (Monday–Friday) and students would not be required to use off-site recreational facilities, there would be no impacts associated with the construction of recreational facilities. No further analysis is warranted.

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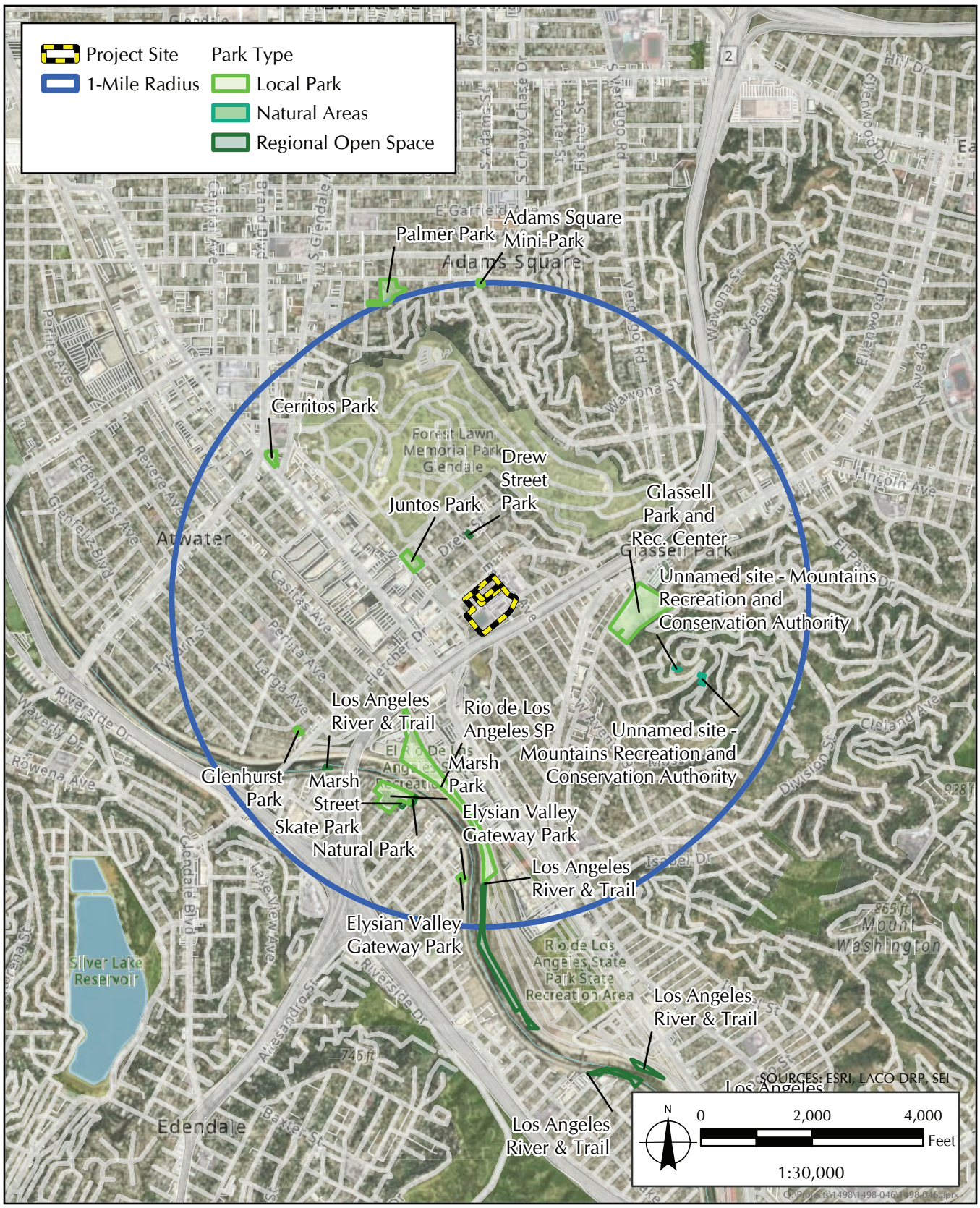


FIGURE 14
Parks and Open Space

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII. TRANSPORTATION AND CIRCULATION. Would the project:				
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3(b), which pertains to vehicle miles travelled?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Result in inadequate emergency access?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Explanation:

LAUSD has SCs for approval for minimizing impacts to pedestrian safety. Applicable SCs related to pedestrian safety impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-PED-1	<p>LAUSD shall participate in the Safe Routes to School (SR2S) program.</p> <p>Caltrans SR2S program. LAUSD is a participant in the SR2S program administered by Caltrans, local law enforcement, and transportation agencies. OEHS provides pedestrian safety evaluations as a component of traffic studies conducted for new school projects. This pedestrian safety evaluation includes a determination of whether adequate walkways and sidewalks are provided along the perimeter of, across from, and adjacent to a proposed school site and along the paths of identified pedestrian routes within a 0.25-mile radius of a proposed school site. The purpose of this review is to ensure that pedestrians are adequately separated from vehicular traffic.</p>
SC-PED-2	<p>LAUSD shall implement the applicable requirements and recommendations associated with the OEHS Traffic and Pedestrian Safety Program.</p> <p>OEHS Traffic and Pedestrian Safety Program LAUSD has developed these performance guidelines to minimize potential pedestrian safety risks to students, faculty and staff, and visitors at LAUSD schools. The performance guidelines include the requirements for: student drop-off areas, vehicle access, and pedestrian routes to school. School traffic/circulation studies shall identify measures to ensure separation between pedestrians and vehicles along potential pedestrian routes, such as sidewalks, crosswalks, bike paths, crossing guards, pedestrian and traffic signals, stop signs, warning signs, and other pedestrian access measures.</p>
SC-PED-3	<p>LAUSD shall implement the applicable sidewalk requirements outlined in the School Design Guide. LAUSD shall also coordinate with the responsible traffic jurisdiction/agency to implement infrastructure improvements prior to the opening of a school. Improvements shall include, but are not limited to:</p> <ul style="list-style-type: none"> Clearly designate passenger loading areas with the use of signage, painted curbs, etc. Install new walkway and/or sidewalk segments where none exist.

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	<ul style="list-style-type: none"> Substandard walkway/sidewalk segments shall be improved to a minimum of eight feet wide. <p>Provide other alternative measures that separate foot traffic from vehicular traffic, such as distinct travel pathways or barricades.</p>
SC-PED-4	<p>LAUSD shall design the project to comply with the traffic and pedestrian guidelines in the School Traffic Safety Reference Guide.</p> <p>School Traffic Safety Reference Guide REF- 4492.1. This Reference Guide replaces Reference Guide 4492.0, School Traffic Safety, September 30, 2008. Updated information is provided, including new guidance on passenger loading zones and the Safety Valet Program. This guide sets forth requirements for traffic and pedestrian safety, and procedures for school principals to request assistance from OEHS, the Los Angeles Schools Police Department (LASPD), or the local police department regarding traffic and pedestrian safety. Distribution and posting of the Back to School Safety Tips flyer is required. This guide also includes procedures for traffic surveys, parking restrictions, crosswalks, advance warning signs (school zone), school parking signage, traffic controls, crossing guards, or for determinations on whether vehicle enforcement is required to ensure the safety of students and staff.</p>
SC-PED-5	<p>LAUSD shall design new student drop-off, pick-up, bus loading areas, and parking areas to comply with the School Design Guide.</p> <p>School Design Guide. The Guide states student drop-off and pick-up, bus loading areas, and parking areas shall be separated to allow students to enter and exit the school grounds safely.</p>
SC-T-3	Implementation of SC-T-3.
SC-T-4	Implementation of SC-T-4.

a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

Potentially Significant Impact. The proposed Project would result in potentially significant impacts in relation to conflicts with a program, plan, ordinance, or policy addressing the circulation system. The proposed Project would result in temporary impacts to the circulation system during construction activities and slightly increase the potential of pedestrian safety risks. Projects that have the potential to change student capacity associated with classroom loading, reconfiguration of the school or construction of new classrooms, or the construction of other school facilities have the potential to generate traffic associated with the Project.¹⁴⁶ Construction would feature the upgrade of parking lots and playgrounds and change areas above the fault into outdoor areas, such as landscapes, hardscapes, and parking which could have an impact on access to the campus. The Project may also require repaving and restriping of Moss Avenue and Roswell Street during Project phasing which could impact on access to the school from these entry points. The proposed Project would also be required to include ADA compliant upgrades to features that are impacted by the Project scope. Interim Housing would be provided as mitigation to ensure the school remains fully operational through construction.

¹⁴⁶ Los Angeles Unified School District. 2015. School Upgrade Program Final Environmental Impact Report, <http://achieve.lausd.net/ceqa>. Adopted by the Board of Education on November 10, 2015

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The Project therefore can shift traffic or change vehicle turning movements in key intersections during construction. As there is potential for Project-related impacts, transportation will be analyzed further in the *Traffic and Pedestrian Safety Technical Study* being prepared by LLG and carried into the EIR. %

b) Conflict or be inconsistent with CEQA Guidelines section 15064.3(b), which pertains to vehicle miles travelled?

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to conflict or inconsistency with CEQA Guidelines section 15064.3(b).¹⁴⁷ This guideline indicates that vehicle miles that do not exceed a threshold of significance, such as when Projects are within one-half mile of a major transit stop, potentially cause less than significant impact. Under PRC Section 21064.3,¹⁴⁸ the mass transit stops in this case would be two bus stops: Fletcher / Avenue 32 (0.3 mile southwest)¹⁴⁹ and Fletcher/Estara (0.1 mile northwest).¹⁵⁰ The Project would decrease the number of classrooms from 65 to 46 classrooms, meaning that fewer students would be dropped off at the school, resulting in a decrease per capita of VMT. As it is expected that VMT will remain the same or decrease due to this decrease in student capacity, there would be no conflict with CEQA Guidelines section 15064.3(b). Therefore, impacts would be less than significant. No further analysis is warranted.

c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Potentially Significant Impact. The proposed Project would have the potential to result in significant impacts in relation to a substantial increase in hazards due to a geometric design feature or incompatible uses. The Project would be constructed within the gated campus and outside of the public right-of-way. The Project will alter school building features, but will not introduce any incompatible uses, sharp curves, or dangerous intersections. The Project would not change the use of the school, and the campus will continue to operate as a school. LAUSD will coordinate with LLG to prepare the *Traffic and Pedestrian Safety Technical Study* and has specifications for transportation as well as the school provision of adequate access, parking, and circulation in the vicinity of a school site.¹⁵¹ The study will evaluate impacts caused by construction, such as changes in traffic patterns around the school. This includes the two former/abandoned city streets that intersect the campus, Moss Avenue and Roswell Street. These streets and the streets immediately around the campus may need to be

¹⁴⁷ Section 15064.3 - Determining the Significance of Transportation Impacts, Cal. Code Regs. tit. 14 § 15064.3.

¹⁴⁸ Public Resources Code, Division 13, Environmental Quality [21000-21189.91] Chapter 2.5 Definitions, 21064.3 “Major Transit Stop.” Accessed August 8 2023.

https://leginfo.ca.gov/faces/codes_displaySection.xhtml?sectionNum=21064.3.&lawCode=PRC.

¹⁴⁹ Moveit. Directions from Fletcher/Ave 32 Station to Irving Steam Magnet Middle School. Accessed August 25 2023.

https://moovitapp.com/los_angeles_ca-302/poi/3087%20West%20Avenue%2032/Irving%20Middle%20School%20%28Irving%20Steam%20Magnet%29/en?metroSeoName=Los_Angeles_CA&customerId=4908&ref=1&af_sub8=%2Findex%2Fen%2Fpublic_transit-Downtown_Los_Angeles-Los_Angeles_CA-site_25758890-302&af_sub9=Search%20bar%20button&fll=34.11756_-118.24152&poiType=egsite&tll=34.116484_-118.243459

¹⁵⁰ Moveit. Directions from Fletcher/Estara Bus Station to Irving Steam Magnet Middle School. Accessed August 25 2023.

https://moovitapp.com/los_angeles_ca-302/poi/Irving%20Middle%20School%20%28Irving%20Steam%20Magnet%29/Fletcher%20~2F%20Estara/en?metroSeoName=Los_Angeles_CA&customerId=4908&ref=1&af_sub8=%2Findex%2Fen%2Fpublic_transit-Fletcher_Estara-Los_Angeles_CA-stop_46202082-302&af_sub9=Search%20bar%20button&fll=34.11799_-118.24153&tll=34.11756_-118.24152&poiType=stop&tsid=46202082,46202082

¹⁵¹ LAUSD OEHS CEQA Specification Manual. December 2005, revised June 2007. Appendix C, Traffic and Pedestrian Safety Requirements for New Schools.

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repaved and restriped in coordination with LADOT during an appropriate phase of Project construction. Construction activities would also feature the upgrade of parking lots and playgrounds and change areas above the fault into outdoor areas, such as landscapes, hardscapes, and parking. While it is anticipated that the proposed Project would result in less than significant impacts in relation to an increase in hazards due geometric design feature or incompatible uses, pedestrian routes would potentially be impacted, so transportation will be analyzed further in the *Traffic and Pedestrian Safety Technical Study* being prepared by LLG in coordination with LADOT and carried into the EIR.

d) Result in inadequate emergency access?

Potentially Significant Impact. The proposed Project would have the potential to result in significant impacts in relation to inadequate emergency access during construction and implementation of the new design. Such Projects are required to accommodate ingress and egress of emergency vehicles, as required by the affected jurisdiction where the individual Project would be implemented.¹⁵² As this Project must conform to local ordinances to ensure emergency access, before and after the Project is constructed and implemented, there would be no anticipated access issues for the campus in operation or during construction. If streets within and immediately adjacent to the campus may need to be repaved and restriped in coordination with LADOT during a phase of construction, emergency access may be impacted from those entrances. Construction phasing would also feature the upgrade of parking lots and playgrounds and change areas above the fault into outdoor areas, such as landscapes, hardscapes, and parking for earthquake safety, which could temporarily impact emergency access to specific areas of the campus during construction. However, access features must accommodate and satisfy the local fire department for the Project site. There would be less than significant impacts in relation to inadequate emergency access during operation of the school. As there is potential for temporary Project-related impacts during construction, transportation will be analyzed further in the *Traffic and Pedestrian Safety Technical Study* being prepared by LLG and carried into the EIR.

¹⁵² Los Angeles Unified School District. 2015. School Upgrade Program Final Environmental Impact Report, <http://achieve.lausd.net/ceqa>. Adopted by the Board of Education on November 10, 2015.

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Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
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XIX. TRIBAL CULTURAL RESOURCES.

Has a California Native American Tribe requested consultation in accordance with Public Resources Code section 21080.3.1(b)?

Yes No

Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

- | | | | | |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Explanation:

LAUSD has SCs for minimizing impacts to tribal cultural resources. Applicable SCs related to tribal cultural resources impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval	
SC-TCR-1	All work shall stop within a 30 foot radius of the discovery. Work shall not continue until the discovery has been assessed by a qualified Archaeologist. Based on this initial assessment the affiliated Native American Tribal representative has contacted and consulted to provide as-needed monitoring or to assist in the accurate assessment, recordation, and if appropriate, recovery of the resources, as required by the District.
SC-TCR-2	<p>In the event that Tribal cultural resources are identified, the Archaeologist will retain a Native American Monitor to begin monitoring ground disturbance activities. The Native American Monitor shall be approved by the District and must have at least one or more of the following qualifications:</p> <ul style="list-style-type: none"> • At least one year of experience providing Native American monitoring support during similar construction activities. • Be designated by the Tribe as capable of providing Native American monitoring support. • Have a combination of education and experience with Tribal cultural resources. <p>Prior to reinitiating construction, the construction crew(s) will be provided with a brief summary of the sensitivity of Tribal cultural resources, the rationale behind the need for protection of resources, and information on the initial identification of Tribal cultural resources. This information shall be included in a worker's environmental awareness program that is prepared by LAUSD for the project (as applicable).</p>

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Subsequently, the Monitor shall remain on-site for the duration of the ground-disturbing activities to ensure the protection of any other potential resources.

The Native American Monitor will complete monitoring logs on a daily basis. The logs will provide descriptions of the daily activities, including construction activities, locations, soil, and any Tribal cultural resources identified.

a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to causing a substantial adverse change in the significance of a tribal cultural resource that has been determined to be eligible for listing in the California Register of Historical Resources (CRHR). No known archaeological resources, inclusive of the consideration of tribal cultural resources, occur on the proposed Project site or within a quarter-mile radius. Archaeological resources are not anticipated to be present on the Project site. However, indigenous people occupied the entire area of what is now known as Los Angeles, and there is potential for the unanticipated discovery of tribal cultural resources during the excavation of native soils. Additionally, the school site was originally constructed in the 1930s, prior to the level of protection afforded to cultural resources in conjunction with the adoption of CEQA. In the unlikely event that tribal cultural resources are discovered during construction, LAUSD shall implement SC-TCR-1 and SC-TCR-2 for evaluating and appropriately treating the archeological resources. Therefore, there would be less than significant impacts related to the potential to encounter tribal cultural resources that have been determined eligible for listing in the CRHR. No further study is warranted.

b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe

Less than Significant Impact. The proposed Project would result in less than significant impacts in relation to causing a substantial adverse change in the significance of a tribal cultural resource that has been determined by LAUSD to warrant preservation. LAUSD has not identified any tribal cultural resources that warrant preservation pursuant to Public Resources Code Section 5024.1.¹⁵³ The District sent out a comment request letter to twenty-one (21) local tribes within the Los Angeles Area on August 25, 2023. The letter included the Project description. Tribes have 30 days to submit comments or request consultation to LAUSD. It is unlikely that tribal cultural resources are present on the proposed Project site; however, it is possible that construction activities could unearth resources. In the unlikely event that tribal cultural resources are discovered during construction, LAUSD shall implement SC-TCR-1 and SC-TCR-2 for evaluating and appropriately treating the archeological resources. As a result, there would be less than significant impacts related to the potential to encounter tribal cultural resources that warrant designation by LAUSD. No further study is warranted.

¹⁵³ LAUSD. 2004. New School Construction Program, Program Environmental Impact Report.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a. Require or result in the relocation or construction of construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Explanation:

LAUSD has SCs for minimizing impacts to utilities and service systems. Applicable SCs related to utilities and service systems impacts associated with the proposed Project are provided below:

LAUSD Standard Conditions of Approval

SC-USS-1	<p>Consistent with current LAUSD requirements for recycling construction and demolition waste, the Construction Contractor shall implement the following solid waste reduction efforts during construction and demolition activities:</p> <p>School Design Guide. Establishes a minimum non-hazardous construction and demolition (C&D) debris recycling requirements of 75% by weight. Construction and demolition waste shall be recycled to the maximum extent feasible.</p> <p>Construction & Demolition Waste Management. This document outlines procedures for preparation and implementation, including reporting and documentation, of a Waste Management Plan for reusing, recycling, salvaging or disposal of non-hazardous waste materials generated during demolition and/or new construction to foster material recovery and re-use and to minimize disposal in landfills. Requires the collection and separation of all C&D waste materials generated on-site, reuse or recycling on-site, transportation to approved recyclers or reuse organizations, or transportation to legally designated landfills, for the purpose of recycling, salvaging and/or reusing a minimum of 75% of the C&D waste generated by weight.</p>
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SC-USS-2	LAUSD shall coordinate with the City of Los Angeles Department of Water and Power or other appropriate jurisdictions and departments prior to relocating or upgrading any water facilities to reduce the potential for disruptions in service.
SC-USS-3	LAUSD shall provide an easily accessible area that services the entire school and is dedicated to the collection and storage of materials for recycling, including (at a minimum) paper, cardboard, glass, plastics, metals, and landscaping waste. There shall be at least one centralized collection point (loading dock), and the capacity for separation of recyclables where waste is disposed of for classrooms and common areas such as cafeterias, gyms, or multi-purpose rooms.
SC-GHG-1	Implementation of SC-GHG-1.
SC-GHG-2	Implementation of SC-GHG-2.
SC-GHG-3	Implementation of SC-GHG-3.

The Project site is currently serviced by the City of Los Angeles Department of Water and Power (LADWP). According to the Site Analysis & Program Development Report, the school currently has a Cold Water Supply of 683 fixture unit (FU).¹⁵⁴ The site has a drainage fixture total of 590 FU. The site is 11.2 acres.

Irving MS, like all LAUSD schools, is served by Republic Services for solid waste disposal, with the nearest transfer station being the East Los Angeles Transfer Station at 1512 N. Bonnie Beach Pl, Los Angeles, CA 90063.

There are two main city storm drain lines that are currently serving the school. One is a 33-inch line located in Fletcher Drive, and the second is a 12-inch line located in the middle of the school within the City of Los Angeles Easement. Each building has a cold-water pipe between 1 inch and 2.5 inches. The school's highest point is roughly in the center of the site, and it slopes down in all directions at a rate of approximately 1 percent.

Irving MS receives its energy from the LADWP, which provides more than 25 million megawatt-hours of electricity to service 1.4 million residential and business customers. The main electrical service is 2,500 amp bus with 2,500A main breaker at 48-V, three phase, four wire. The main switchboard has a NEMA 3R enclosure and is rated at 65,000 Ampere Interrupting Capacity (AIC). The utility transformer and main switchboard are located in Electrical Service yard at the southeast side of the campus along Marguerite Street. There is an additional electrical service and switchboard (MS2) at the southwest side of the campus with the portable classrooms area. The electrical service at this location is 600A at 240V, 1 phase, 3 wire. The utility transformer is pole mounted and located adjacent to switchboard MS2. Irving MS is serviced by two gas meters, one on Marguerite Avenue and one along Estara Avenue.

¹⁵⁴ Los Angeles Unified School District. 2023. Irving STEAM Magnet Middle School, Site Analysis & Program Development Report. Prepared by NAC Architecture.

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- a) **Require or result in the relocation or construction of construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities, the construction or relocation of which could cause significant environmental effects?**

No Impact. The existing school, which opened in 1937, has severely outdated mechanical systems. The heating, ventilation, and air-conditioning (HVAC) systems currently serving the buildings on the Irving MS campus are rooftop packaged units, Bard units, gas-fired heating units, air handling units and direct expansion (DX) cooling split systems that serve the buildings. Various updates of these units would be required for compliance with current codes and LAUSD standards. The recommended, comprehensive HVAC replacement throughout the campus facilities would improve energy efficiency, eliminate/reduce the use of gas for HVAC systems, and provide conditioned spaces to students and staff. It has been specifically recommended that the buildings be furnished with packaged rooftop DX heat pump units. This upgrade is not anticipated to require substantially more electrical power than the existing power used for heating and cooling, as the new equipment would be more efficient to meet current building code standards. The proposed Project shall consider stormwater drainage in their final plans, as required by SC-HWQ-1 and have considered designs that reduce stormwater runoff to avoid overextending the existing City storm drain systems that surround the school. The existing school is serviced by the LADWP for both water and power needs. LADWP has established an UWMP that forecasts future water demands and water supplies for average and dry year conditions.¹⁵⁵ The proposed Project would be adequately served by the existing LADWP facilities, and new or relocated facilities would not be required. As such, none of the improvements discussed above would require the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunication facilities. No further study is warranted.

- b) **Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?**

No Impact. The proposed Project would have no impact in regard to sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years. The existing school is serviced by LADWP, which has established a UWMP that forecasts future water demands and water supplies for average and dry year conditions.¹⁵⁶ The Project is not anticipated to result in an increase in student capacity, as the number of standard classrooms on the Project site will decrease from 65 to 46. Therefore, there would be no impact. No further analysis is warranted.

- c) **Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?**

No Impact. The proposed Project's wastewater treatment provider would have adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments. The Project site is currently serviced by the Los Angeles Public Works Consolidated Sewer Maintenance District. The Project would not result in an increase in student capacity. Additionally, the new plumbing fixtures in the new buildings would be required to meet the current building code requirements for water efficiency, which would be more water-efficient than the existing plumbing fixtures. As a result, any increase in wastewater from the new buildings

¹⁵⁵ LADWP.com. www.ladwp.com/ladwp/faces/ladwp/aboutus/a-water?_adf.ctrl-state=gfsvhsaxn_38&_afriLoop=11019765019992.

¹⁵⁶ LADWP.com. www.ladwp.com/ladwp/faces/ladwp/aboutus/a-water?_adf.ctrl-state=gfsvhsaxn_38&_afriLoop=11019765019992.

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would have a negligible effect on the wastewater treatment provider. Therefore, the proposed Project's wastewater treatment provider would have adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments. Therefore, there would be no impacts related to violating applicable federal, state, and local statutes and regulations related to solid waste diversion, reduction, and recycling. No further analysis is warranted.

d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

No Impact. The proposed Project would not negatively impact the provision of solid waste services or impair the attainment of solid waste reduction goals. The proposed Project would comply with SC-USS-1, which states that Irving MS must be consistent with current LAUSD requirements for recycling construction and demolition waste. Furthermore, the School Design Guide (as part of SC-USS-1) establishes a minimum non-hazardous construction and demolition debris recycling requirements of 75 percent by weight. Construction and demolition waste shall be recycled to the maximum extent feasible. The Construction & Demolition Waste Management program outlines procedures for preparation and implementation, including reporting and documentation, of a Waste Management Plan for reusing, recycling, salvaging or disposal of non-hazardous waste materials generated during demolition and/or new construction to foster material recovery and reuse and to minimize disposal in landfills. Implementation of the proposed Project would comply with all City, County, and State solid waste diversion, reduction, and recycling mandates, including compliance with the City of Los Angeles Annual Report, Countywide Integrated Waste Management Plan (CIWMP), the Los Angeles Municipal Code, and LAUSD BMPs.¹⁵⁷ Additionally, the student population would remain comparable to the most recent 5 years of enrollment, and the proposed Project would reduce the number of classrooms on campus by 23 rooms. Therefore, there would be no impact. No further analysis is warranted.

e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

No Impact. Implementation of the proposed Project would comply with all federal, state, and local management and reduction statutes and regulations related to solid waste. The proposed Project would comply with the City of Los Angeles's Annual Report, CIWMP, the Los Angeles Municipal Code, and LAUSD BMPs.¹⁵⁸ For the construction phase, the site would comply with SC-USS-1 standards. For the operation and maintenance phase, the site would comply with SC-USS-3 standards. Additionally, the student population would remain comparable to the most recent 5 years of enrollment with the proposed improvements reducing the number of classrooms from 65 to 46. As a result, the solid waste facility that services the site would continue to have adequate capacity. Therefore, LAUSD would comply with all federal, state, and local statutes and regulations related to solid waste during construction and operation of the proposed Project. No further analysis is warranted.

¹⁵⁷ <https://calrecycle.ca.gov/lgcentral/library/policy/ciwmpenforce/>

¹⁵⁸ LAUSD, School Upgrade Program Final Environmental Impact Report (EIR) (incorporates the New School Construction Program, Draft PEIR), Published September 2014. Board Certified June 8, 2004, Draft PEIR p. 3.15-20.

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	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE.				
Is the project located in or near state responsibility areas or lands classified as high fire hazard severity zones?				
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Require the installation of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Explanation:

a) Substantially impair an adopted emergency response plan or emergency evacuation plan?

Less than Significant Impact. The proposed Project would result in less than significant impacts to wildfire in relation to the impairment of adopted emergency response and/or emergency evacuation plans located in or near State Responsibility Areas (SRA) or lands classified as Very High Fire Hazard Severity Zones (VHFHSZ). The Project site is not located within an SRA or lands classified as VHFHSZ. While the Project site, which is located in the City of Los Angeles, is within a Local Responsibility Area (LRA), it is not within a fire hazard severity zone. According to the California Department of Forestry and Fire Protection (CAL FIRE)'s website,¹⁵⁹ the Fire Hazard Severity Zone Maps for both LRAs and SRAs indicate that the Planning Area is located approximately 0.2 mile away from the nearest LRA VHFHSZ to the north and 7.5 miles away from the nearest SRA VHFHSZ to the northeast (**Figure 15: Fire Hazard Severity Map**).¹⁶⁰

¹⁵⁹ California Department of Forestry and Fire Protection (CAL FIRE), Fire and Resource Assessment Program (FRAP). Adopted by CAL FIRE on November 7, 2007. Fire Hazard Severity Zones in SRA. Los Angeles County. Map available at: http://www.fire.ca.gov/fire_prevention/fhsz_maps_losangeles (accessed August 8, 2023).

¹⁶⁰ California Department of Forestry and Fire Protection, Office of the State Fire Marshall. N.d. Fire Hazard Severity Zones Maps. <https://osfm.fire.ca.gov/divisions/wildfire-prevention-planning-engineering/wildland-hazards-building-codes/fire-hazard-severity-zones-maps/> (accessed August 10, 2023).

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The City’s freeways, highways, and arterial routes are pre-identified as disaster routes for use during times of crisis or emergency.¹⁶¹ While the roadways are not evacuation routes, an emergency may warrant the use of a road as both disaster and evacuation routes. In addition, “primary evacuation routes consist of major interstate highways and primary arterials within the City and Los Angeles County,” as noted in the Safety Element of the City’s General Plan of the City’s Emergency Operations Plan (EOP) Evacuation Annex.¹⁶² The City’s disaster routes, as depicted in the City of Los Angeles Public Works’ Disaster Route Maps: Area H, Los Angeles – Central Area Map,¹⁶³ includes freeway disaster routes, SR-2 and Interstate 5 (I-5), and disaster routes, Fletcher Drive and San Fernando Road. The Glendale Freeway (SR-2) is to the southeast of the Project site and I-5 is to the southwest of which both freeway disaster routes are accessible via Fletcher Drive and San Fernando Road from the Project site. Furthermore, as stated in Section 3.16, *Public Services*, fire protection services are currently provided to Irving MS by LAFD Station 50, located approximately 545 feet southwest of the Project site and would provide fire protection services in case of emergency (see Table 7).

The proposed Project would consist of the demolition of four buildings; the removal of six portable buildings; the construction of one 2-story building; parking lot, playground, other outdoor improvements, and ADA accessibility upgrades; and the seismic retrofit of the Auditorium. There would be no increase in enrollment as the improvements are for existing faculty, staff, and students, and entry access points would not be altered or relocated and would remain intact. In addition, the proposed Project would result in a reduction in classrooms, thereby accommodating with a reduction in pupils per class to meet safety standards. LAUSD schools are required to comply with California Education Code Section 32280-9, which mandates the preparation of school safety plans that needs to be updated annually. These plans address violence prevention, emergency preparedness, traffic safety and crisis intervention. The Safe School Plan covers emergency preparedness and response and crisis intervention and uses the Incident Command System (ICS). ICS is designed to centralize and coordinate emergency response actions among police, fire, and other public agencies, including school districts. LAUSD’s Safe School Plan is compliant with the National Incident Management System (NIMS) and the California Standardized Emergency Management System (SEMS). The Project site is an active middle school campus with an existing Safe School Plan that follows the LAUSD Integrated Safe School Plan.¹⁶⁴ While schools are required to comply with California Education Code Section 32280-9, the Safe School Plan 2023-2024 for Irving MS was not accessible for review as it is in the process of being updated. It is anticipated to be available on October 2, 2023.

The emergency response and/or evacuation plans would not be adversely affected as a result of the proposed Project as the Project site and staging area would be fenced off and construction would not obstruct any major roads. Therefore, the proposed Project would not substantially impair an adopted emergency response plan or emergency evacuation plan in or near SRAs or lands classified as VHFHSZ. No further analysis is warranted.

¹⁶¹ Los Angeles County Public Works. Accessed April 5, 2023. Los Angeles county Operational Area: Disaster Routes. Available at: <https://dpw.lacounty.gov/dsg/DisasterRoutes/>

¹⁶² City of Los Angeles. Adopted November 24, 2021. City of Los Angeles Safety Element of the General Plan. Accessed August 10, 2023. Available at: https://planning.lacity.org/odocument/bf51ae04-1c7b-4931-9a29-d46209998b89/Safety_Element.pdf

¹⁶³ Los Angeles County Public Works. Accessed April 5, 2023. Los Angeles county Operational Area: Disaster Routes. Available at: <https://dpw.lacounty.gov/dsg/DisasterRoutes/>

¹⁶⁴ LAUSD. 2001. Integrated Safe School Plan 2021-2022 Highlights. Available at <https://ca01000043.schoolwires.net/cms/lib/CA01000043/Centricity/Domain/318/New%20ISSP%20Components%202021-22%20final.pdf> (accessed August 10, 2023).

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b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

Less than Significant Impact. The proposed Project would not exacerbate wildfire risks due to slope, prevailing winds, and other factors, and thereby expose Project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire in or near an SRA or lands classified as VHFHSZ.

The proposed Project site is located within the shallow-sloped Los Angeles basin. According to the U.S. Department of Homeland Security, Federal Emergency Management Agency (FEMA), and the Safety Element of the City of Los Angeles General Plan, the Project site is not located within a flood zone or flood hazard area.^{165,166,167} The Project site is not located within a City-identified high wind velocity area.¹⁶⁸ The Project site is predominantly paved, with landscaping concentrated around the perimeter. There is no dense vegetation on the Project site; the trees and shrubs are well spaced.

As stated in the *Hazards and Hazardous Materials* section, LAUSD has SCs for minimizing impacts to hazards and hazardous materials. The Project site is a developed middle school campus within an urbanized area in the Los Angeles basin and would continue to be an active middle school campus with implementation of the proposed Project. SC-HAZ-2, regarding the Pipeline Safety Hazard Analysis, would be employed to ensure that there is existing separation between any hazardous materials, pipelines, and school facilities. The nearest natural gas pipelines are located southwest of the Project site, below North San Fernando Road.¹⁶⁹ As stated in the *Public Services* section, SC-PS-2 would be implemented during operation to further reduce potential impacts by maintaining emergency preparedness and response procedures at Irving MS. Moreover, the proposed Project would be required to comply with the local fire code, which includes portions of the California Fire Code (Title 32), California Building Standards Code (Title 24), and Title 5 relating to Education regulations.^{170,171,172} Therefore, with incorporation of the SCs, the proposed Project would not exacerbate wildfire risks. No further analysis is warranted.

¹⁶⁵ Los Angeles Department of City Planning. n.d. ZIMAS. Available at: <http://zimas.lacity.org/> (accessed August 10, 2023).

¹⁶⁶ U.S. Department of Homeland Security, Federal Emergency Management Agency. N.d. FEMA Flood Map Service Center: Search By Address. Address: 3010 E Estara Ave. Glendale 90065. Available at: <https://msc.fema.gov/portal/search?AddressQuery=1447%20e%2045th%20street%2C%20los%20angeles%20ca%2090011#searchresultsanchor> (accessed August 10, 2023).

¹⁶⁷ City of Los Angeles. November 2021. City of Los Angeles General Plan. Safety Element. https://planning.lacity.org/odocument/bf51ae04-1c7b-4931-9a29-d46209998b89/Safety_Element.pdf

¹⁶⁸ Los Angeles Department of City Planning. n.d. ZIMAS. Available at: <http://zimas.lacity.org/> (accessed August 10, 2023).

¹⁶⁹ Southern California Gas Company, a subsidiary of Sempra Energy. N.d. Natural Gas Pipeline Map. Available at: <https://socialgas.maps.arcgis.com/apps/webappviewer/index.html?id=c85ced1227af4c8aae9b19d677969335> (accessed August 10, 2023).

¹⁷⁰ Los Angeles County elaws.us. N.d. Title 32 – Fire Code. Accessed on 8/25/23. Available at: http://lacity-county-elaws.us/code/coor_title32

¹⁷¹ California Department of Education. Title 5, California Code of Regulations (CCR), Section 14010[p].

¹⁷² Department of General Services for the State of California. N.d. Building Standards Commission Codes: Title 24. Accessed on 8/25/23. Available at: <https://www.dgs.ca.gov/BSC/Codes>

4. Environmental Checklist and Analysis

- c) **Require the installation of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?**

Less than Significant Impact. The proposed Project would result in less than significant impacts to associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in the temporary or ongoing impacts to the environment in or near an SRA or lands classified as VHFHSZ. The Project site is located approximately 0.2 mile south of an LRA.

The Project site is a developed middle school campus within an urbanized area in the Los Angeles basin and would continue to be an active middle school campus with implementation of the proposed Project. The proposed Project would not require the installation or maintenance of roads, fuel breaks, emergency water sources, or power lines as the Project site is already served by this infrastructure. The proposed Project would involve the replacement of utilities for the replacement buildings. The proposed Project would be required to comply with the local fire code, which includes portions of the California Fire Code (Title 32), California Building Standards Code (Title 24), and Title 5 relating to Education regulations.^{173,174,175,176} Therefore, the proposed Project would not exacerbate fire risk. No further analysis is required.

- d) **Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?**

Less than Significant Impact. The proposed Project would result in less than significant impacts in regard to exposing people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes in or near an SRA or lands classified as VHFHSZ. The Project site is located near an LRA within a VHFHSZ, but the Project site is relatively flat, within the shallow sloped Los Angeles basin. The elevation of the Project site ranges from approximately 390 feet above mean sea level on the western end of the proposed Project (corner of Fletcher Drive and Moss Avenue) to approximately 415 feet above mean sea level almost at the center of the site between the Administration Building and the Cafeteria. As stated in the *Hydrology and Water Quality* section, the proposed Project would not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site. The geotechnical study for the proposed Project (Appendix D) found that there would be no potential for landslide hazards on the proposed site based on the low grades of the site and the surrounding area and grading at the site would not substantially alter the grades that would constitute a potential for landslides at the Project site. Furthermore, the proposed Project would be required to comply with the local fire code which includes portions of the California Fire Code (Title 32), California

¹⁷³ Los Angeles County elaws.us. N.d. Title 32 – Fire Code. Accessed on 8/25/23. Available at: http://lacounty-ca.elaws.us/code/coor_title32

¹⁷⁴ California Department of Education. Title 5, California Code of Regulations (CCR), Section 14010[p].

¹⁷⁵ Department of General Services for the State of California. N.d. Building Standards Commission Codes: Title 24. Accessed on 8/25/23. Available at: <https://www.dgs.ca.gov/BSC/Codes>

4. Environmental Checklist and Analysis

Building Standards Code (Title 24), and Title 5 relating to Education regulations.^{177,178,179} ¹⁸⁰ Therefore, the proposed Project would not expose people or structures to significant risks as a result of runoff, post-fire slope instability, or drainage changes in or near an SRA or lands classified as VHFHSZ. No further analysis is warranted.

¹⁷⁷ Los Angeles County elaws.us. N.d. Title 32 – Fire Code. Accessed on 8/25/23. Available at: http://lacounty-ca.elaws.us/code/coor_title32

¹⁷⁸ California Department of Education. Title 5, California Code of Regulations (CCR), Section 14010[p].

¹⁷⁹ Department of General Services for the State of California. N.d. Building Standards Commission Codes: Title 24. Accessed on 8/25/23. Available at: <https://www.dgs.ca.gov/BSC/Codes>

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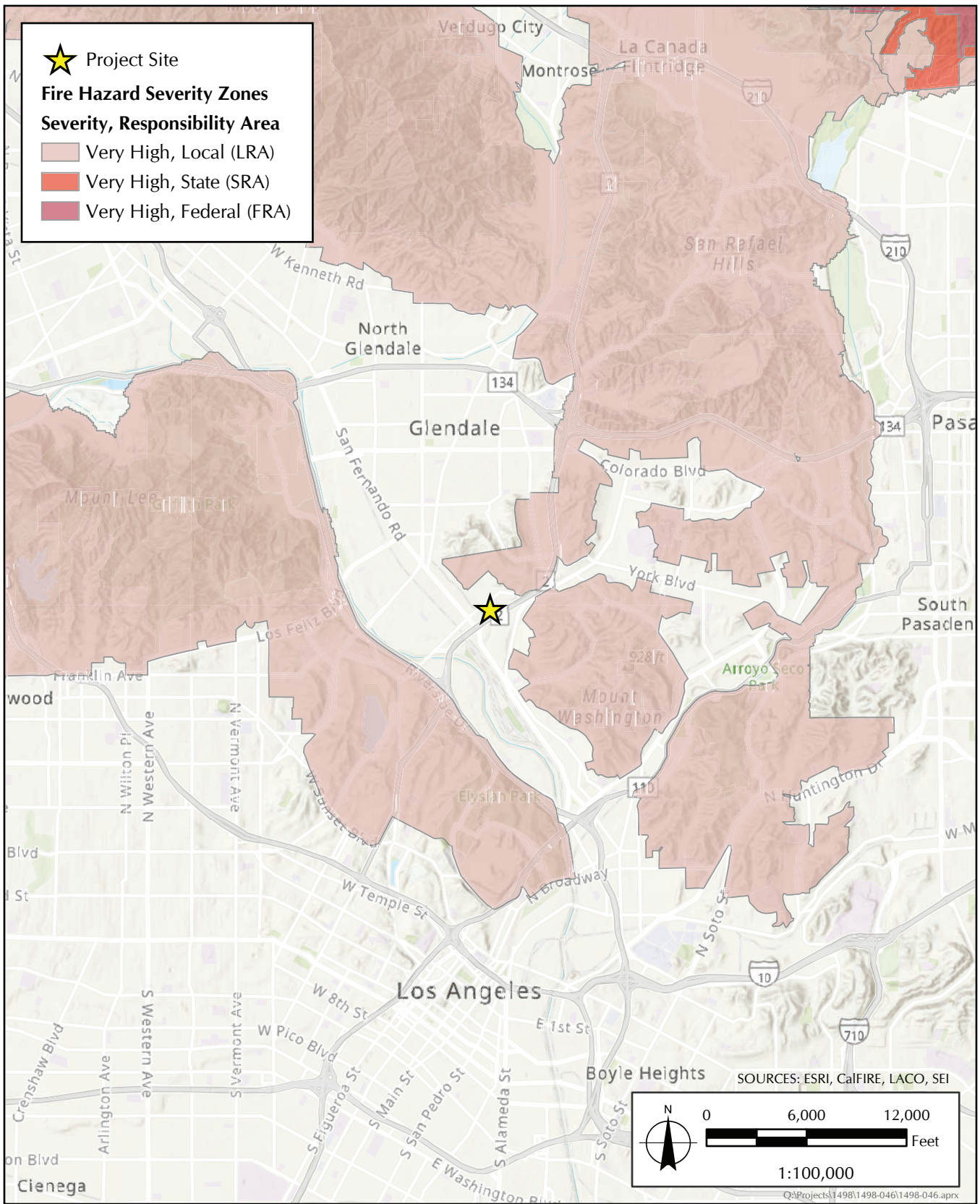


FIGURE 15
Fire Hazard Severity Map

4. Environmental Checklist and Analysis

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4. Environmental Checklist and Analysis

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE.				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Does the project have impacts which are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Explanation:

- a) **Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?**

Potentially Significant Impact. The proposed Project would result in potentially significant impacts that need to be evaluated in an EIR because although the Project site is an existing K–8 school campus located in an urbanized environment with minimal habitat, it is eligible for historic significance (see Appendix B). The proposed Project does not have the potential to substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal (see Section IV, *Biological Resources*). Operation of the proposed Project would improve the quality of the educational environment by building replacement and reconfiguration on the Campus as part of the update to the SUP. The modernization of the campus would facilitate a safe and secure campus that is better aligned with the current instructional program and meets current DSA educational specifications. Structurally unsound and/or inadequate buildings would be demolished and replaced by a new building that would improve educational quality and safety for students and staff. The proposed Project also includes essential upgrades including new exterior and interior paint, IP convergence, the removal of barriers and other accessibility upgrades, and various landscape and hardscape improvements.

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Although the proposed Project would have the potential to cause a substantial adverse change in the significance of a historical resource, it would not eliminate important examples of the major periods of California history or prehistory because it is not the only example of PWA Moderne in the City of Los Angeles. As documented in the HRER, the subject property is eligible for federal, state, or local, designation, and the campus is considered a historical resource for the purpose of CEQA.¹⁸¹ The PWA Moderne campus core, which was constructed from 1936 to 1939, includes six original campus buildings:

1. Administration Building
2. Auditorium Building
3. Gymnasium (Physical Education) Building
4. Cafeteria Building
5. Shop No. 1
6. Shop No. 2

Irving MS was given a status code of 3S, or recommended eligible for listing in the NRHP, through survey evaluation.¹⁸² The survey report for the Northeast Los Angeles CPA identified the school as a potentially eligible historic district with status codes of 3S, 3CS, and 5S3, that is, appears eligible for the NRHP, the CRHR, and locally through survey evaluation. Under Criteria A/1, the campus was described as “an excellent intact example of a post–Long Beach Earthquake middle school campus” that “embodies LAUSD school planning and design concepts of the period.” Under Criteria C/3, Irving MS was described as an excellent intact example of PWA Moderne architecture applied to a middle school campus, and an important example of the work of Los Angeles architect Edwin L. Bergstrom.¹⁸³

The findings of the Updated Program EIR were reviewed during the preparation of this document. The assumptions and data that were used to make the determination in the Updated Program do not remain valid. Six buildings within the Irving Middle School were potentially individually eligible and identified in the Los Angeles Unified School District Historic Context Statement.¹⁸⁴ Additionally, the HRER found the six buildings within the property were found eligible for federal, state, or local designation under the applicable criteria. Therefore, the proposed Project has the potential to result in adverse effects to historical resources, requiring the consideration of mitigation measures and alternatives in an EIR.

¹⁸¹ Marilyn Novell, Shannon Davis. August 24, 2022. Final Historic Resource Evaluation Report for Irving Middle School, Los Angeles, California

¹⁸² Heumann, Leslie, & Associates, and Anne Doehne 2002 Historic Schools of the Los Angeles Unified School District. Science Applications International Corporation, a presentation prepared for LAUSD Facilities Services Division (March 2002)

¹⁸³ Historic Resources Group (HRG) 2012 Historic Resources Survey Report: Northeast Los Angeles River Revitalization Area. Prepared for the City of Los Angeles Community Redevelopment Agency. 2017 SurveyLA Historic Resources Survey Report: Northeast Los Angeles Community Plan Area. Prepared for the City of Los Angeles Office of Historic Resources.

¹⁸⁴ LAUSD. 2014. LAUSD Historic Context Statement, 1870-1969. Prepared by Sapphos Environmental, Inc.

4. Environmental Checklist and Analysis

- b) **Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)**

Potentially Significant Impact. The proposed Project is one of several school modernization projects evaluated in the SUP EIR. The SUP EIR identified potentially significant impacts regarding air quality, cultural resources (historical resources), hazards/hazardous materials, noise, pedestrian safety, and transportation that will be evaluated in further detail in the EIR. As stated in Section 4, the proposed Project would result in less than significant impacts in relation to environmental issue areas including aesthetics, agriculture/forestry resources, biological resources, energy, geology/soils, greenhouse gas emissions, hydrology/water quality, land use/planning, mineral resources, population/housing, public services, recreation, tribal cultural resources, utilities/service systems, and wildfire. As the related school projects are dispersed throughout Los Angeles County, air quality and noise impacts from the proposed Project in relation to other projects would not be cumulatively considerable. As with the SUP EIR, there is a potential for significant impacts to historical resources that will be evaluated further in the EIR from replacement of the historically eligible Administration Building. The two shop buildings and three other original PWA Moderne campus core buildings on the Project site would be retained: Auditorium, Cafeteria, and Physical Education Building. There is a potential for the proposed Project to result in temporary significant impacts during construction activities to air quality, hazards/hazardous materials, noise, pedestrian safety, and transportation that will be evaluated further in the EIR. Therefore, there is a potential for contribution to cumulatively considerable significant impacts, and further analysis is required.

- c) **Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?**

Potentially Significant Impact. The proposed Project would result in potentially significant impacts regarding temporary construction impacts from air quality emissions, hazards/hazardous materials, and noise/vibration to the nearest sensitive receptors: students on campus near the construction activities. Construction of the proposed Project would expose sensitive receptors to air pollutant concentrations (see Section III, *Air Quality*) and result in generation of a substantial temporary increase in ambient noise levels in the vicinity of the Project in excess of standards established in the local general plan or noise ordinance, or in other applicable local, state, or federal standards (see Section XIII, *Noise*). Individual pieces of construction equipment that would be used during construction of the proposed Project could potentially generate maximum noise levels ranging from 79 to 85 dBA at the Federal Highway Administration’s reference distance of 50 feet from the noise source. While these maximum noise levels would occur when equipment is operating under full power conditions (i.e., with the equipment engine at maximum speed), construction equipment often operates under less than full power on site. The transport of workers and materials to and from the construction site would incrementally increase noise levels along local roadways. Individual construction vehicle pass-by trips may create momentary noise levels of up to approximately 85 dBA (maximum sound level, or L_{max}) at 50 feet from the vehicle, but these occurrences would generally be short-lived, and during daytime hours. Construction noise levels could be reduced up to 20 dBA with implementation of standard mitigation measures related to construction noise during grading, the estimated loudest phase, to approximately 65 dBA at 50 feet. Impacts related to construction noise levels would require consideration of mitigation measures and thus would be carried forward for

4. Environmental Checklist and Analysis

additional evaluation. The proposed Project would have the potential to result in significant impacts to noise during construction, requiring the consideration of mitigation measures and alternatives in the EIR.

The proposed Project would result in potentially significant impacts in regard to the routine transport, use, or disposal of hazardous materials during construction activities due to the unknown conditions of the soil and presence of asbestos and lead based paints in the structures; impacts are expected to be less than significant after mitigation. Construction of the proposed Project would involve very little transport, storage, use, or disposal of hazardous materials. All hazardous materials generated from demolition would be stored, handled, and disposed of in accordance with local, county, and state laws that protect public safety. Some examples of hazardous materials currently present on the property are paints, unidentified “flammable Liquids” potential corrosive chemicals in small quantities, and approximately 150-gallons of Hillard Power-Strip stored in their original containers (see Appendix A). Three hydraulic elevators are present onsite and appear to be aged. Additional potential hazardous materials may be present during the construction phase, such as PCBs, asbestos, and paints but would be regulated by SC-HAZ-4, the construction contractor shall comply with Remedial Activities Workplan, specifically the Los Angeles Unified School District Reference Guide REF-4149.2 Disposal Procedures for Hazardous Waste and Universal Waste.¹⁸⁵ Furthermore, these types of materials are not acutely hazardous, and all storage, handling, and disposal of these materials is regulated by the DTSC, the EPA, the OSHA, and the LAFD. Although the Project would adhere to the aforementioned regulations, the Phase I ESA determined that there is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides from historical application of termiticides to be present in shallow soil at the site. No toxicity testing has been done for the soil on the site. To achieve less than significant impacts, exact concentrations of potential toxins must be determined for successful compliance with the above guidelines. Furthermore, there were areas within the school that were inaccessible during site reconnaissance and were labeled as hazardous materials storage areas. Until these two items have been fully investigated, there is a potentially significant impact in regard to transport and disposal of hazardous materials, requiring the consideration of mitigation measures and alternatives in the EIR.

The proposed Project is an educational facility and would not involve the routine transport, storage, production, use, or disposal of hazardous materials or use of pressurized tanks during operation. Small amounts of pesticides may be stored for the maintenance of landscaped areas and limited quantities of custodial and maintenance products, including commercial cleansers, lubricants, and paints would also be stored on-site.

According to the Phase I ESA (Appendix A), Irving MS was listed in the following environmental databases: CERS Hazwaste, Hazmat, HAZNET, FTTS, RCRA-LQR, FINDS, and ECHO. Violations regarding failures to maintain Hazardous Waste Manifests, active generator permit, and improper labeling were reported in 2015, 2016, 2018, and 2019. The site is listed in the HAZNET database for the tracking of generated hazardous waste including asbestos-containing waste from 1990 to 2019; and laboratory waste, paint sludge, and organics from 1997 to 2014. All listings relate to tracking and, therefore, none of these listings represent an obvious environmental concern. In addition, no additional off-site listings were considered an environmental concern (see Appendix A). However, the Phase I ESA determined that there is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides

¹⁸⁵ Los Angeles Unified School District Reference Guide. REF-4149.2. Disposal Procedures for Hazardous Waste and Universal Waste. June 12, 2020. <https://www.lausd.org/cms/lib/CA01000043/Centricity/Domain/135/REF-4149.2%20Hazardous%20Waste%20.pdf>

4. Environmental Checklist and Analysis

from historical application of termiticides to be present in shallow soil at the site. There is a potentially significant impact in regard to accident conditions involving the release of hazardous materials into the environment, requiring the consideration of mitigation measures recommended in the PEA-E and alternatives in the EIR.

The proposed Project would result in potentially significant impacts in regard to the emission of hazards or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school; impacts are expected to be less than significant after mitigation. During the construction phase, it is possible children could come in contact with PCBs, asbestos, paints, or petroleum products (see Appendix A). However, SC-HAZ-04 would ensure that the following guidelines are followed: District Specification Section 01 4524, Environmental Import / Export Materials Testing; Removal Action Workplan; California Air Resources Board Rule 1466 Guidelines and Procedures to Address PCBs in Building Materials, particularly applicable to buildings that were constructed or remodeled between 1959 and 1979; lead and asbestos abatement requirements identified by the FETU in the Phase I/Phase II; or abatement plan(s). It should be noted that the school is located within a moderate radon zone. The high radon zone is defined as having a high potential for radon levels to be above 4 pCi/L. As stated in the LAUSD Reference Guide REF-5314.2, Procedures for Environmental Review of Proposed Projects: “building design and construction Measures – Should a building or similar structure be constructed or renovated for student and/or staff occupancy and is located in a “high” radon zone, U.S. EPA guidance entitled “radon Prevention in the Design and Construction of Schools and Other Large Buildings, EPA/625/R-92/016, June 1994” (or latest published version) shall be reviewed and all relevant and appropriate measures incorporated in its design and construction to prevent radon gas infiltration (see the LAUSD Radon Memorandum in Appendix A). Although the Project would adhere to the aforementioned regulations, the Phase I ESA determined that there is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides from historical application of termiticides to be present in shallow soil at the site. There is a potentially significant impact in regard to hazardous emissions or handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school, requiring the consideration of mitigation measures recommended in the PEA-E and alternatives in the EIR.

Therefore, there would be temporary substantial adverse effects on human beings, either directly or indirectly, during construction activities, requiring the consideration of mitigation measures and alternatives in the EIR.

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Appendices are on USB Drive

- A. Phase I Environmental Site Assessment
- B. Historic Resource Evaluation Report
- C. Tree Inventory from Site Analysis & Program Development Report
- D. Geotechnical Investigation
- E. Natural History Museum Record Search
- F. Preliminary Environmental Assessment Equivalent Document

Appendix

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Washington Irving Middle School Magnet
3010 Estara Avenue
Los Angeles, CA 90065

March 21, 2022



PHASE I ENVIRONMENTAL SITE ASSESSMENT

Washington Irving Middle School
Magnet
3010 Estara Avenue
Los Angeles, CA 90065



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Date:

March 21, 2022

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- B ENVIRONMENTAL LIEN AND AUL REPORT
- C HISTORICAL RESEARCH DOCUMENTATION
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- E LAUSD RADON MEMORANDUM
- F CDE SCREENING CHECKLIST

ACRONYMS AND ABBREVIATIONS

ACBM	asbestos-containing building material
APN	Assessor's Parcel Number
AST	aboveground storage tank
ASTM	ASTM International
AUL	activity and use limitation
bgs	below ground surface
CDE	California Department of Education
CFR	Code of Federal Regulations
CREC	controlled recognized environmental condition
DTSC	Department of Toxic Substances Control
Eco	Eco & Associates, Inc.
EDR	Environmental Data Resources, Inc.
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
HREC	historical recognized environmental condition
LADWP	Los Angeles Department of Water & Power
LAUSD	Los Angeles Unified School District
LUST	leaking underground storage tank
OCP	organochlorine pesticide
PCB	polychlorinated biphenyl
pCi/L	picoCuries per liter
REC	recognized environmental condition
RWQCB	Regional Water Quality Control Board
U.S.	United States
U.S. EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
VOC	volatile organic compound

EXECUTIVE SUMMARY

Eco & Associates, Inc. (Eco) was retained by Los Angeles Unified School District (LAUSD), Office of Environmental Health & Safety, to conduct a Phase I Environmental Site Assessment (ESA) of the site identified as Washington Irving Middle School Magnet located at 3010 Estara Avenue in Los Angeles, Los Angeles County, California (the Site). The Site is identified as Los Angeles County Assessor's Parcel Numbers (APNs) 5458-018-903, -904, -905, -906, -907, -908, -909, -910, -911, -912, -913, -915, -916, -917, and 5458-019-900. This ESA report discusses our findings for the Site.

As directed by LAUSD, the Phase I ESA was performed in accordance with the ASTM International (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The goal of the ESA was to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and historical recognized environmental conditions (HRECs) associated with the property in conformance with ASTM E1527-13.

Eco understands that the purpose for conducting this Phase I ESA is to assess and document the current status of environmental conditions at the Site prior to modernization of the school campus

The Phase I ESA included a visual inspection of the property completed on February 7, 2022; observation of adjacent properties; reviews of environmental regulatory agency records and historical documents; and interviews with personnel represented to be familiar with the Site, if available, as indicated elsewhere in the report.

The findings identified by Eco are summarized below and discussed in greater detail in the body of the report.

Historical Findings

According to historical sources reviewed, the Site was undeveloped land as early as the late 1800s. The northern portion of the Site was developed with a large residence and associated structures in the early 1900s. The southern portion of the Site was developed with multiple residences and a bisecting street by the early 1920s. An additional street, commercial properties, and residences were developed in the northwest portion of the Site by the early 1930s. Portions of the existing school were developed on the former large residence property in 1936 and 1937. The school expanded to the south, replacing the residential properties in the 1940s and expanded again to the northwest in the 1980s. Additional school structures have been developed onsite and the existing structures and configuration of the Site have been present since approximately 2004.

No environmental concerns were identified with the historical use of the Site.

Onsite Findings

The approximately 11.18-acre Site consists of an operating middle school with 11 permanent buildings (57 classrooms), six portable buildings (11 classrooms), parking lots and driveways, playing fields, playgrounds, and landscaping.

The buildings onsite include a cafeteria, auditorium, gymnasium, Administration building, three shop buildings and various permanent and portable classroom buildings. The Administration building,

permanent classroom buildings, and gymnasium are two-story structures, the remaining buildings are single-story; however, some of the single-story buildings contain lofts.

The permanent buildings are constructed of steel truss and reinforced concrete and finished with plaster. Some buildings, including the Administration and auditorium buildings, contain basements and air-handler crawl spaces. Interior building materials include vinyl and ceramic flooring, plaster walls, suspended ceiling tiles, and glue-on ceiling tiles. The observed interior building materials were in aged, but good physical condition. Areas of damaged plaster were observed in the former boiler rooms in the auditorium and Administration buildings.

A paint storage room is located at basement level at the northwest end of the Administration building. Approximately 25 five-gallon poly containers and 14 one-gallon steel containers of paint are stored in the room and are stacked on the concrete floor or stored on wood shelving. A minor amount of spillage was observed on the concrete floor.

A former boiler room is located at basement level at the north corner of the Administration building. Next to the former boiler room are additional storage rooms. Some of the rooms were inaccessible due to locked doors. The following environmental issues were noted in the former boiler room and nearby rooms and areas:

- An aged wood cabinet labeled “Flammable Liquids” is present. The interior of the cabinet could not be inspected due to a locked door. No visible staining, evidence of releases, or odors were present on the exterior of the cabinet or surrounding concrete floor.
- An aged wood cabinet in the former boiler room contained various aged unlabeled glass beakers and containers of liquid. White acid-type staining was observed on the wood shelving. The concrete floor beneath the cabinet could not be inspected.
- A sump pump is located in the former boiler room. It is not known if the sump is operable.
- Pipe insulation is present on the boilers. The insulation is labeled as containing asbestos.
- Paint on the ceiling of the former boiler room was observed to be in significantly damaged condition with large amounts of peeling.
- Approximate 150 five-gallon containers of “Bioesque Botanical Disinfectant Solution” are present in storage rooms. The chemical is reportedly biodegradable and not regulated as dangerous goods. No evidence of releases or staining was observed on the containers or in the area.
- Approximately 150-gallons of Hillyard Power-Strip are stored in their original containers and boxes in a storage room. The chemical is reportedly a corrosive liquid and is harmful to aquatic life. No evidence of releases or staining was observed on the containers or in the area.

Shop #1 was historically a metal shop and paint shop. It is currently used for robotics. A hazardous materials shed is located west of Shop #1 and Shop #2. The hazardous materials shed is constructed of concrete and is vented. Signage on the shed states, “Danger, Flammable Liquids”. Access to the interior of the shed was not possible due to a locked door. Keys for the door could not be located for this assessment. No evidence of staining or releases was observed on the exterior of the shed. The shed has been present onsite since possibly the 1960s.

Three hydraulic elevators are present onsite. The elevators have been added to the exteriors of the buildings and appear to be aged condition. Access to the interior of the elevator equipment rooms for inspection was not possible due to locked doors. The elevators are reportedly regularly serviced by an offsite vendor and they have keys for the equipment rooms. No evidence of staining, releases, or odors was present on the exterior of the elevator equipment rooms.

Regulatory Findings

An environmental database report prepared by Environmental Data Resources, Inc. (EDR) was reviewed for local, state, and federal listings for the Site and properties within the site vicinity. Regulatory database lists were reviewed for cases pertaining to leaking underground storage tanks and aboveground storage tanks, hazardous waste sites, and abandoned sites within the specified radii of standards established by ASTM guidelines. According to the EDR database report, the Site is listed in the FTTS, CERS Hazwaste, Hazmat, HAZNET, RCRA-LQG, FINDS, and ECHO databases.

The Site is listed in the FTTS database for a probable lead-based paint investigation in 2005. The Site is listed in the RCRA-LQG, CERS Hazwaste, HAZNET, and Hazmat databases for the tracking of generated hazardous waste. Violations regarding failures to maintain Hazardous Waste Manifests, active generator permits, and improper labeling were reported in 2015, 2016, 2018, and 2019. The Site is listed in the HAZNET database for the tracking of generated hazardous waste including asbestos-containing waste from 1990 to 2019; and laboratory waste, paint sludge, and organics from 1997 to 2014. The Site is listed in these databases for tracking purposes; therefore, its listing in these databases does not represent an obvious environmental concern.

According to the EDR report, numerous facilities are listed adjacent to the Site and in the surrounding area based on the Site's location within an older, densely developed urban environment. However, based on their listing for regulatory tracking purposes only, case closed status, hydraulic location with respect to groundwater flow direction, and/or distance from the Site, these offsite properties are not expected to represent a concern of environmental impairment or a vapor encroachment condition to the Site

LAUSD Scope Items

Eco's review of LAUSD-required scope items indicates:

- Asbestos-containing building materials were identified onsite. It is probable lead-based paint also exists onsite due to the age of the onsite buildings.
- There is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of organochlorine pesticides from historical application of termiticides to be present in shallow soil at the Site.
- The Site is located within a "high radon zone" as defined by LAUSD data sources.

Further detail regarding these items can be found within the body of the report.

Eco prepared a LAUSD *Preliminary Environmental Screening of Proposed Project at Existing School Site* checklist. No obvious hazards were identified.

Conclusions

Eco has performed a Phase I ESA of the Site in conformance with the scope and limitations of ASTM Practice E1527-13. This assessment has revealed no evidence of RECs in connection with the Site, and no further investigation is recommended at this time. However, environmental issues were identified for the Site as noted above. Further assessment prior to commencement of construction activities may be warranted.

No CRECs, HRECs, or *de minimis* conditions were identified in connection with the Site.

1 INTRODUCTION

Eco & Associates, Inc. (Eco) was retained by Los Angeles Unified School District (LAUSD), Office of Environmental Health & Safety, to conduct a Phase I Environmental Site Assessment (ESA) of the site identified as Washington Irving Middle School Magnet located at 3010 Estara Avenue in Los Angeles, Los Angeles County, California (the Site). The Site is identified as Los Angeles County Assessor's Parcel Numbers (APNs) 5458-018-903, -904, -905, -906, -907, -908, -909, -910, -911, -912, -913, -915, -916, -917, and 5458-019-900. This ESA report discusses our findings for the Site.

1.1 Purpose

Eco understands that the purpose for conducting this Phase I ESA is to assess and document the current status of environmental conditions at the Site prior to modernization of the school campus.

1.2 Detailed Scope of Services

As directed by LAUSD, the Phase I ESA was conducted in accordance with the ASTM International (ASTM) E1527-13 Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process. The goal of the ESA was to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and historical recognized environmental conditions (HRECs) associated with the property in conformance with ASTM E1527-13.

A REC is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not RECs.

A CREC is defined as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority and that subjects the property to activity and/or use limitations.

A HREC is defined as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed in a manner accepted by the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent), without subjecting the property to any activity and use limitations.

The ASTM practice requires environmental professionals to identify data gaps following reasonable inquiry of site and LAUSD personnel and Eco's search for "reasonably attainable" resources. ASTM E1527-13 defines a data gap as "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information."

Eco's scope of work included:

- On-site inspection of the Site to identify environmental conditions issues as defined above;
- Review of available environmental documents for the Site, including previous site assessments and investigations;

- Interviews with persons represented to be familiar with the operation and history of the Site;
- Review of property history through interviews, aerial photographs, on-line planning portals, and historical mapping (as available);
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the Site; and
- Contracting of Environmental Data Resources, Inc. (EDR) to identify sites of concern as required in the regulatory records review section of the ASTM E1527-13.

The Phase I ESA did not include the collection or analysis of soil, air, water, groundwater, transformer/ electrical fluids, hazardous building materials, or other samples, nor did it include a lien or title search. This Phase I ESA did not include an assessment of the environmental (or health and safety) compliance status of the site operations.

1.3 Significant Assumptions

Eco has assumed that the information sources used for this assessment provided accurate information. Evaluations presented in this report are based exclusively on information provided by LAUSD and site personnel and observations made during the site visit. No invasive field activities were conducted, and no laboratory analyses were performed.

The boundaries of the Site were described in documents provided by LAUSD and by interviews with LAUSD personnel. Eco assumed this information was accurate.

1.4 Limitations and Exceptions

The services performed and any opinions expressed by Eco in this report are based upon the limits of the assessment described herein. Eco has relied upon the accuracy of documents, information, data, and other materials provided or made available by LAUSD and others. Eco has not independently verified such information and assumes no liability for the accuracy or completeness of such information. Eco makes no guarantee that site conditions do not exist, or will not exist in the future, that were undetected or that could lead to liability in connection with the Site. Similarly, past and present activities on the Site indicating the potential for the existence of environmental concerns may not have been discovered by Eco. Such activities may include those that would indicate the potential for regulated hazardous substances at the Site. Likewise, site conditions or site activities that were outside the scope of the services described above, or changes to site conditions or regulatory requirements may lead to liabilities in connection with the Site that are not identified in this report. Eco has reviewed the information obtained in connection with the performance of the services described above, in keeping with existing applicable environmental consulting standards and enforcement practices but cannot predict what actions any given agency may take or what standards and practices may apply in the future.

Where access to portions of the Site or to structures on the Site was unavailable or limited, Eco renders no opinion and accepts no responsibility for assessment of the condition of these portions of the Site, including specifically, but not limited to, the presence of hazardous substances or petroleum products at these locations. In addition, Eco renders no opinion concerning the presence or absence of hazardous

substances or petroleum products where direct observation of any part of the Site, or structure on the Site, is limited by physical obstructions.

The conclusions and observations are based upon limited data and professional opinions, and the assessment is performed on a particular date. Site conditions and activities may change after that date. Therefore, the risk of undiscovered environmental impairment of the Site cannot be ruled out. Eco does not make any representations or warranties regarding the condition or value of the Site, regardless of the results of the assessment presented in this report.

Eco makes no guarantees, certifications, warranties, or representations of any kind whatsoever, whether expressed or implied, regarding this ESA, the condition of the Site, or the liabilities associated with the Site.

1.5 Special Terms and Conditions

No special terms and conditions were imposed on this ESA.

1.6 Reliance

It is understood that this report will be prepared for the sole use of LAUSD, and the contents thereof may not be used or relied upon by any other person without the express written consent and authorization of Eco and LAUSD. Use of this report by any other party shall be at such party's sole risk and liability.

1.7 Deviations

No deviations from the referenced ASTM Standard occurred.

1.8 Additional Services

As requested by LAUSD, this Phase I ESA also includes discussion of several items outside the scope of ASTM E1527-13. These include asbestos-containing building materials, lead-based paint, arsenic-based herbicides, organochlorine pesticides, and radon. In addition, a *Preliminary Environmental Screening of Proposed Project at Existing School Site* checklist in general accordance with California Department of Education (CDE) guidance is appended to this report. No other additional services beyond those outlined in ASTM E1527-13 were conducted as part of the assessment.

2 SITE LOCATION / LAND USE

2.1 Site Location

The approximate 11.18-acre, irregular-shaped Site is addressed as 3010 Estara Avenue and is located southwest of the intersection of Estara Avenue and Fletcher Drive in Los Angeles, California. The southwest corner of the Site is adjacent to the Glendale (2) Freeway. The main entrance to the Site is off of Estara Avenue.

According to the Los Angeles County Assessor's Office, the Site includes APNs 5458-018-903, -904, -905, -906, -907, -908, -909, -910, -911, -912, -913, -915, -916, -917, and 5458-019-900.

The Regional Area Map and Site Detail Map are presented as **Figures 1 and 2**, respectively.

2.2 Site and Vicinity Characteristics

The Site is an operating middle school consisting of 11 permanent building and six portable buildings with a total of 68 classrooms. The Site also includes playing fields, playgrounds, asphalt-paved driveways and parking lots, and landscaping.

The Site is located within an established residential and commercial area in the City of Los Angeles. The surrounding area is fully developed.

Photographs of the Site and surrounding areas were taken to document current conditions and are included in **Appendix A**.

2.3 Current Use of the Property

The Site is a Middle School (Grades 6-8) Math Music Engineering Magnet school; approximately 764 students attend the school. The school was originally developed in 1936 and 1937 and expansion and build-out occurred over time up until 2004. No significant onsite improvements have occurred since that time.

2.4 Description of Structures, Roads, and Other Improvements on the Site

Site improvements consist of 11 permanent buildings (57 classrooms), six portable buildings (11 classrooms), parking lots and driveways, playing fields, playgrounds, and landscaping.

The buildings onsite include a cafeteria, auditorium, gymnasium, Administration building, three shop buildings, and various permanent and portable classroom buildings. The Administration building, permanent classroom buildings, and gymnasium are two-story structures, the remaining buildings are single-story; however, some of the single-story buildings contain lofts.

The buildings are constructed of steel truss and reinforced concrete and finished with plaster. Some buildings, including the Administration and auditorium buildings, contain basements and air-handler crawl spaces. The portable classrooms are of wood construction.

Interior building materials include vinyl and ceramic flooring, plaster walls, suspended ceiling tiles, and glue-on ceiling tiles.

2.5 Current Uses of the Adjoining Properties

The adjoining properties and land uses include:

- Northwest: Fletcher Drive followed by commercial and retail properties.
- Southwest: The northern boundary is abutted by commercial and residential properties and the southern boundary is abutted by W. Avenue 32 followed by residential properties.
- Southeast: The west end is abutted by the 2 Freeway, and the east end is abutted by residential properties.
- Northeast: Estara Avenue followed by Fletcher Elementary School.

Based on visual observations, current activities at the adjacent properties do not appear to be of environmental concern to the Site.

3 USER-PROVIDED INFORMATION

The following information was provided by LAUSD.

3.1 Environmental Liens

According to LAUSD, there are no environmental liens recorded for the Site. In addition, Eco's review of regulatory records did not identify environmental liens recorded for the Site. As part of the EDR package received for this report, one Environmental Lien and Activity and Use Limitations (AULs) Search report was received for APN 5458-018-915. No liens were identified. A copy of the EDR Environmental Lien and AUL Search report is included in **Appendix B**.

3.2 Activity and Use Limitations

According to LAUSD, there are no AULs recorded for the Site. In addition, Eco's review of regulatory records and the EDR Environmental Lien and AUL Search report did not identify AULs, such as engineering controls, land use restrictions or institutional controls, that are in place at the Site and/or have been filed or recorded in a registry.

3.3 Specialized Knowledge

No specialized knowledge of RECs or Other Environmental Conditions or potential RECs associated with the Site was reported to Eco by LAUSD or other site representatives.

3.4 Commonly Known or Reasonably Ascertainable Information

Eco was not provided with any commonly known knowledge or reasonably ascertainable information about the Site that would constitute a REC. However, the information listed below is considered common to many LAUSD properties based on past maintenance and construction practices:

Asbestos-Containing Building Materials (ACBMs). With the exception of newer portable buildings on the Site, it is considered likely that the buildings contain, or formerly contained ACBMs. Signage within areas of the Site including boiler and air-handling room's state, "Removal of TSI '(Thermal Surface Insulation)' and clean-up at this location was completed in compliance with AHERA 763.90" on March 3, 2005. The signage is from the LAUSD Asbestos Technical Unit. Observed TSI with labeling indicating asbestos content is present on some of the HVAC piping in the Administration building. Records from the LAUSD Asbestos Technical Unit have been requested but have not been reviewed as of the date of this report. Based on the age of the Site structures, ACBMs are likely present onsite.

Lead-based Paint. With the exception of newer portable buildings on the Site, it is considered likely that the paint on the buildings contains, or formerly contained elevated lead concentrations. Due to slow deterioration with time, paint typically flakes off and accumulates in the adjoining soils. This can result in elevated lead concentrations in the soil. However, the onsite buildings are mostly adjoined by pavement. As such, the potential that the soils underlying this pavement have been impacted with lead is considered relatively low.

Significantly damaged peeling paint was observed on the ceiling in the boiler room in the Administration building.

Arsenic-Based Herbicide. It was formerly common practice for LAUSD to apply an arsenic-based herbicide to the soil immediately prior to paving with asphalt. As such, there is a potential that elevated arsenic concentrations (greater than background levels) are present in the soils immediately underlying the paved portions of the Site.

Organochlorine Pesticides (OCP). It was formerly common practice for LAUSD to apply termiticides around wooden structures at school sites as a means of pest control. As such, there is a potential that elevated OCP concentrations are present in site soils.

3.5 Owner, Property Manager, and Occupant Information

According to information provided by LAUSD and EDR, the Site is owned and managed by LAUSD. The Site is occupied by school personnel and students.

3.6 Reason for Performing ESA

The reason for performing the Phase I ESA is to evaluate the environmental condition of the Site prior to LAUSD's modernization of the school property.

4 SITE HISTORY

Historical information for this Phase I ESA is summarized in **Table 1**.

Table 1 Historical Information Reviewed

Source	Date	Information Obtained
Sanborn® Fire Insurance Maps (copies provided in Appendix C)	1919, 1930, 1950, 1951, 1970	<p>In the 1919 map, the Site is bisected northwest to southeast by Moss Street. The northeast portion of the Site is developed with a dwelling, guest house, and associated private garage and sheds. The southwest portion of the Site is developed with six dwellings and associated private garages. The existing surrounding streets are depicted and scattered residential properties are present in the surrounding vicinity.</p> <p>In the 1930 and 1950 maps, the Site is bisected northwest to southeast by Moss Street. A second street, Roswell Street, bisects the northeast portion of the Site in a northeast to southwest direction. The northeast portion of the Site is developed with a main dwelling and two smaller dwellings. A retail store and drug store are located at the north corner of the Site. Approximately 24 dwellings with associated private garages occupy the southwest portion of the Site. The existing streets with residential properties surround the Site, except for Fletcher Drive Public School located adjacent northeast from the Site, beyond Estara Avenue.</p> <p>In the 1951 map, the north portion of the Site is bisected by portions of Moss Avenue and Roswell Street. Residential properties are along the streets and a retail store is present at the north corner of the Site. The south corner of the Site is also developed with residential properties. The remainder of the Site is developed with Washington Irving Junior High School. The Site structures include the existing Administration building, auditorium, gymnasium, cafeteria, and shops 1 and 2. Other structures onsite include classroom buildings and storage sheds. A playground is depicted in the south portion of the school property. Existing streets with residential properties, a school, and minimal retail stores surround the Site.</p> <p>In the 1970 map, the Site is developed with most of the existing structures. The southwestern residential properties depicted in the previous maps have been removed and are now school property. The northern portion of the Site is developed with Moss Avenue and Roswell Street, ten residential properties, and retail stores, a bakery, offices, and parking spaces. The Glendale (2) Freeway is depicted in its existing location. The existing streets surround the Site, along with the northeast adjacent school. Residential properties are present on the surrounding streets.</p> <p>No features were depicted onsite or offsite on the maps reviewed that would indicate an environmental concern for the Site.</p>

Source	Date	Information Obtained
Topographic Maps (copies provided in Appendix C)	1894, 1896, 1898, 1900, 1902, 1920, 1921, 1928, 1953, 1966, 1972, 1981, 1988, 1994, 2012, 2015, and 2018	<p>In the 1894 through 1900 maps, the Site is depicted as undeveloped land with a street bisecting the north corner of the Site. Streets with scattered structures are depicted in the surrounding vicinity and a railroad track is present farther to the southwest. The Site and surrounding area are not shown on the 1902 through 1921 maps. In the 1928 map, the Site is developed with two structures and a bisecting street. The existing surrounding streets are depicted, and a school is depicted adjacent northeast from the Site. In the 1953 through 1994 maps, the Site is developed with the Washington Irving Junior High School. Streets with additional development occupy the northwest portion of the Site. The existing surrounding streets are depicted on these maps. The Glendale Freeway is depicted in its existing location beginning with the 1966 map. The Site is depicted as having streets present in its northwest portion in the 2012 through 2018 maps. No specific features are shown onsite or in the greater surrounding area.</p> <p>No features were depicted onsite or offsite on the maps reviewed that would indicate an environmental concern for the Site.</p>
Aerial Photographs (copies provided in Appendix C)	1923, 1928, 1938, 1948, 1952, 1964, 1977, 1979, 1981, 1989, 1994, 2002, 2005, 2009, 2012, and 2016	<p>In the 1923 and 1928 photographs, the Site is shown as bisected northwest to southeast by a street. The northeast portion of the Site is developed with a large residential property with dense landscaping. The southwest portion of the Site is developed with residential properties. A second street is added in the north portion of the Site in the 1928 photograph. The existing streets surround the Site, beyond which are residential properties. A school is shown adjacent to the northeast of the Site. In the 1938 photograph, the majority of the Site is developed with a school with some of the existing structures. Residential properties are present on the southwest and northwest portions of the Site. Two access streets are present in the north-northwest portion of the Site. In the 1948 and 1952 photographs, the south portion of the Site has been cleared of previous residential properties and appears to be an extension of a playing field for the Site school. In the 1964 photograph, the Site and surrounding area appears developed similar to that depicted in the 1952 photograph, except the Glendale Freeway has been developed in its existing location. In the 1977 through 1981 photographs, the southwest portion of the Site has been cleared of residential properties and appears to be used as a parking lot and for temporary classrooms. In the 1989 photograph, most of the structures in the north portion of the Site have been cleared. All of the structures in this area have been cleared in the 1994 photograph. In the 2002 through 2016 photographs, the Site and surrounding properties appear developed similar to the present time.</p> <p>No obvious environmental concerns to the Site were identified from the review of historical aerial photographs.</p>
City Directory Report (copy provided in Appendix C)	1920 - 2015	<p>City directory listings were researched in approximate 5-years intervals from 1920 - 2015. The site address is listed in the 1951 through 2015 directories as occupied by Washington Irving Middle School.</p> <p>Adjacent address listings are comprised of residential names and a few commercial properties dating back to the 1920s. No obvious environmental concerns were identified.</p>
Building Permit Report (copy provided in Appendix C)	1919 - 2021	<p>Two electrical permits dated 2002 and 2019 for the Site address are listed in the report. Permits were not listed for former Site addresses. No permits were reviewed that indicated an environmental concern for the Site.</p>

Source	Date	Information Obtained
Internet Search	February 2022	According to an Internet search, the large residential property located onsite was addressed as 3021 Moss Avenue and was occupied by Andrew Glassell, a prominent lawyer and developer in early Los Angeles and Orange County, California history. https://en.wikipedia.org/wiki/Andrew_Glassell

4.1 Previous Environmental Investigations

No previous environmental investigation reports were provided to Eco for review.

5 RECORDS REVIEW

As part of this assessment, Eco reviewed regulatory databases and available agency files and records for the Site. Information from these sources is discussed in the following sections.

5.1 Regulatory Database Research

An environmental database report prepared by EDR was reviewed for local, state, and federal listings for properties within the site area. Included in EDR's report are regulatory databases reviewed by EDR for cases pertaining to leaking underground storage tanks (USTs) and aboveground storage tanks (ASTs), hazardous waste sites, and abandoned sites within ASTM-specified radii (**Table 2**). EDR also reviewed selected databases generated by the United States Environmental Protection Agency (U.S. EPA). Explanations of the regulatory agency databases reviewed are presented in EDR's report, which is included as **Appendix D**.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately 300 feet. Also, elevations were determined from the U.S. Geological Survey Digital Elevation Model and are relative (not absolute). Sites with an elevation equal to or higher than the target property have been differentiated from sites with an elevation lower than the target property.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the Site. The criteria used to evaluate the potential for adverse impact to the Site include:

- Distance from the Site;
- Expected depth and direction of groundwater and surface water flow;
- Expected storm water flow direction; and
- Presence/absence of documented contaminant releases at the identified sites not identified as remediated.

Table 2 summarizes some of the major federal and state databases reviewed. However, numerous databases are provided within the EDR report, and all databases are reviewed by Eco.

Table 2 Regulatory Agency Databases / Lists Reviewed

Search Radius	Agency	Database	Type of Records in Database
1 mile	U.S. EPA	NPL	Sites designated for Superfund cleanup by the U.S. EPA
	U.S. EPA	CORRACTS	RCRA facilities undergoing "corrective actions"
	DHS	BEP	Specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds
	DTSC	ENVIROSTOR	Sites that have known contamination or sites for which there may be a reason to investigate

Search Radius	Agency	Database	Type of Records in Database
0.5 mile	U.S. EPA	SEMS	Sites under review by the U.S. EPA
	U.S. EPA	TSD	Facilities that treat, store, and/or dispose of hazardous waste
	RWQCB	LUST	Sites with LUSTs
	IWMB	SWLF/SWAT	Sites permitted as solid waste landfills, incinerators or transfer stations
	SWRCB	WMUDS/SWAT	Tracking and inventory of waste management units
	U.S. EPA	SEMS-Archive	Former CERCLIS sites with no further remedial actions planned.
Site or Adjacent Properties	U.S. EPA	RCRA Generator	Sites that generate large or small quantities of hazardous waste
	U.S. EPA and OES	ERNS	Sites with reported accidental releases of oil and hazardous substances
	SWRCB	UST	Sites with registered USTs
Notes:			
BEP = Bond Expenditure Plan		NPL=National Priorities List	
CERCLIS = Comprehensive Environmental Response Compensation and Liability Information System		OES = Office of Emergency Services	
CORRACTS = Corrective Action Report		RWQCB = California Regional Water Quality Control Board	
ERNS = Emergency Response Notification System		SWAT = Solid Waste Assessment Test	
DHS = Department of Health Services		SWLF = Solid Waste Landfills	
DTSC = Department of Toxic Substances Control		SWRCB = State Water Resources Control Board	
IWMB = Integrated Waste Management Board		TSD = Transformer Registration Database	
LUST = Leaking Underground Storage Tank		WMUDS = Waste Management Unit Database	
NFRAP = No Further Remedial Action Planned		SEMS = Superfund Environmental Management System	

5.1.1 Site

According to the EDR database report, the Site is listed in the FTTS, CERS Hazwaste, Hazmat, HAZNET, RCRA-LQG, FINDS, and ECHO databases.

The Site is listed in the FTTS database for a probable lead-based paint investigation in 2005. The Site is listed in the RCRA-LQG, CERS Hazwaste, and Hazmat databases for the tracking of generated hazardous waste. Violations regarding failures to maintain Hazardous Waste Manifests, active generator permits, and improper labeling were reported in 2015, 2016, 2018, and 2019. The Site is listed in the HAZNET database for the tracking of generated hazardous waste including asbestos-containing waste from 1990 to 2019; and laboratory waste, paint sludge, and organics from 1997 to 2014. The Site is listed in these databases for tracking purposes; therefore, its listing in these databases does not represent an obvious environmental concern.

5.1.2 Off-Site Properties

According to the EDR report, the following offsite properties of note were identified:

San Fernando Valley, Area 1, North Hollywood Wellfield Area. This area is listed in many databases, including the EnviroStor and NPL databases.

San Fernando Valley Area 1 site is a 20-square-mile area of contaminated groundwater located primarily in North Hollywood and Burbank, California. Numerous potentially responsible parties (PRPs) contaminated groundwater in the region with volatile organic compounds (VOCs), including trichloroethylene (TCE) and perchloroethylene (PCE). Construction of the remedy began in 1989 and operation is ongoing. As of 2008, the system had extracted and treated about eight billion gallons of VOC-contaminated groundwater.

Based on the latest plume maps dated November 24, 2020, <https://cumulis.epa.gov/supercpad/SiteProfiles/index.cfm?fuseaction=second.scs&id=0902251&doc=Y&olid=37375®ion=09&type=SC>, the impacted groundwater plume lies approximately 0.25-mile south and southwest from the Site. As groundwater is actively being pumped and treated, the plume is not expected to migrate. Based on the information reviewed, this area is not expected to represent an environmental concern to the Site.

Stikich Color Lab, Inc. at 3225 N. Fletcher Drive, is located adjacent southwest from the Site. This facility is listed in databases including CA-SLIC. The facility is listed in the CA-SLIC database for a release to the soil and groundwater. The material released is not listed. Based on records reviewed from the RWQCB, the case was originally closed in 1997; however, a second case closure was granted in 2014. Based on the closed-case status for this facility, this facility is not expected to represent an environmental concern to the Site.

Fletcher Drive Elementary School at 3350 Fletcher Drive is located adjacent northeast from the Site. This facility is listed in databases including EnviroStor, CA UST, FINDS, and HAZNET. Records for this facility were reviewed from the DTSC. The facility is listed in the CA UST database for maintaining a UST; however, a UST has not been identified onsite. The facility is listed in the EnviroStor database for a proposed expansion. No environmental concerns were found by the DTSC. Based on the information reviewed, this facility is not expected to represent an environmental concern to the Site.

According to the EDR report, numerous other facilities are listed in the surrounding area based on the Site's location within an older, densely developed urban environment. However, based on their listing for regulatory tracking purposes only, case closed status, hydraulic location with respect to groundwater flow direction, and/or distance from the Site, these offsite properties are not expected to represent a concern of environmental impairment or a vapor encroachment condition to the Site.

Two properties are listed in EDR's Orphan Summary section; however, based on their listing in regulatory tracking databases, status, and/or incomplete address information, they do not appear to represent an environmental concern to the Site.

5.2 Agency Research

Files and records available at the agencies listed in **Table 3** were reviewed for information on the Site.

Table 3 Local Agency Files

Source	Date	Information Obtained
California Regional Water Quality Control Board (RWQCB)	February 2022	Available information maintained by the RWQCB at http://geotracker.waterboards.ca.gov was reviewed for records concerning hazardous spills, USTs, and LUSTs for the Site. No records were identified for the Site location. Records were found for nearby properties. The information reviewed can be found in Section 5.1.2.
Department of Toxic Substances Control (DTSC)	February 2022	A review of the DTSC website (http://www.envirostor.dtsc.ca.gov/public/) did not identify any records for the Site address. Records were found for nearby properties. The information reviewed can be found in Section 5.1.2.
Los Angeles Fire Department (LAFD)	February 2022	A public records request was submitted to the LAFD. A response from the LAFD is currently pending.
Los Angeles County Fire Department (LACFD)	February 2022	A public records request was submitted to the LACFD. Records received included Inspection Reports from 2012 to 2021. The Inspection Reports noted violations regarding improper or missing labeling and failure to maintain copies of waste manifests. No violations were reported in 2021. Hazardous Materials Inventory lists, Business Plans and Contingency Plans from 2012 to 2018 indicate that no USTs or ASTs are present onsite. Stored chemicals can include up to 55-gallons of gasoline and welding gases. Lead debris waste and asbestos waste were removed from the Site in 2012. The waste was reportedly collected from general maintenance.
Los Angeles Department of Public Works, Environmental Programs Division (LADPW)	February 2022	A review of the LADPW website at https://dpw.lacounty.gov/epd/CleanLA/OpenFileReview.aspx did not identify any records for the Site address.
California Geologic Energy Management Division (CalGEM)	February 2022	A review of CalGem's Well Finder database https://maps.conservation.ca.gov/doggr/wellfinder/#openModal did not identify oil or gas well records for the Site or within a 1,500-foot buffer around the Site.
National Pipeline Mapping System (NPMS)	February 2022	A review of the NPMS database at https://pvnpm.phmsa.dot.gov/PublicViewer did not identify any gas transmission or hazardous liquid pipelines on the Site or in proximity to the Site.

6 ENVIRONMENTAL SETTING

6.1 Topography

According to information obtained from the U.S. Geological Survey 7.5-Minute Series Topographic Map of the Los Angeles quadrangle dated 2018, the Site elevation is approximately 404-feet above mean sea level. The Site has been terraced and is relatively level. Topography of the Site and surrounding area slopes gently towards the south-southwest.

6.2 Geology

The general geology summary provided by EDR specifies that the sediments beneath the Site have been identified as part of the Quaternary Series of the Quaternary System of the Cenozoic Era. According to the United States Department of Agriculture Soil Conservation Service, the Site is underlain by the Urban Land soil component, which is land that has been disturbed to the extent that native soil characteristics are no longer able to be defined.

6.3 Surface Water

There are no surface water features onsite. The nearest surface water is the Los Angeles River located approximately 0.50-mile south of the Site.

6.4 Hydrogeology

The aquifers in the San Fernando Valley Groundwater Basin are generally unconfined with some confinement within the Saugus Formation in the western part of the basin. Groundwater flows toward the middle of the basin, then south beneath the Los Angeles River Narrows into the Central Subbasin of the Coastal Plain of Los Angeles Basin (DWR, 2004). Groundwater in the Site vicinity lies at approximately 61 and 63 feet below ground surface (bgs) (Northgate, 2021). Based on topography, groundwater is anticipated to flow to the south/southwest.

6.5 Flood Zones

According to the EDR database report and Federal Emergency Management Agency (FEMA) data, the Site is not located in a flood hazard area per FEMA Flood Plain Panel 06037C1626F.

6.6 Earthquake Faults/Liquefaction

According to the interactive California Department of Conservation Fault Activity Map of California at <https://maps.conservation.ca.gov/cgs/fam/>, the Site lies on or very near the Raymond Fault.

According to the Los Angeles County, California Liquefaction Zones website at <https://koordinates.com/layer/95936-los-angeles-county-liquefaction-zones/>, last updated June 21, 2019,

the Site is not located within a liquefaction zone. A liquefaction zone is depicted approximately 0.25-mile south-southwest from the Site.

6.7 Radon Gas

According to sources reviewed by the LAUSD Office of Environmental Health and Safety, the Site is located within a “high radon zone”, identified as having a high potential for radon gas levels to be above 4 picoCuries per liter (pCi/L) of air. The U.S.EPA’s action level for radon gas is 4 pCi/L of air. Therefore, during construction and/or renovation of onsite buildings, “all relevant and appropriate measures” must be incorporated in design and construction to prevent radon gas infiltration. See **Appendix E** for a copy of LAUSD’s *Irving Steam Middle School – Radon Determination* memorandum.

6.8 Methane Zones

According to the City of Los Angeles, Bureau of Engineering, Department of Public Works *Methane and Methane Buffer Zones* map dated March 31, 2004, the Site is not located in a methane or methane buffer zone.

7 SITE RECONNAISSANCE

On February 7, 2022, Mr. Blake Hunter, a representative of Eco, performed a reconnaissance-level assessment of the Site to observe general site conditions and indications of the possible release(s) of chemicals to the subsurface. A walk-over site reconnaissance was conducted to identify visible evidence of RECs. Mr. Hunter was accompanied by Mr. Lawrence Browne with the LAUSD and at times by Mr. Ernie Garcia, Plant Manager, and Mr. Robert Vasquez, Building and Grounds Maintenance for the school, during the Site inspection. Photographs taken during the site reconnaissance are included in **Appendix A**.

7.1 Methodology and Limiting Conditions

Eco's representative was granted full access to the Site; however, limiting conditions included locked access doors and inaccessible areas. The methodology for the site visit included walking and observing the Site.

7.2 General Site Conditions

7.2.1 Site Observations

The Site consists of an operating middle school with 11 permanent buildings (57 classrooms), six portable buildings (11 classrooms), parking lots and driveways, playing fields, playgrounds, and landscaping.

The buildings onsite include a cafeteria, auditorium, gymnasium, Administration building, three shop buildings and various permanent and portable classroom buildings. The Administration building, permanent classroom buildings, and gymnasium are two-story structures, the remaining buildings are single-story; however, some of the single-story buildings contain lofts.

The permanent buildings are constructed of steel truss and reinforced concrete and finished with plaster. Some buildings, including the Administration and auditorium buildings contain basements and air-handler crawl spaces. Interior building materials include vinyl and ceramic flooring, plaster walls, suspended ceiling tiles, and glue-on ceiling tiles. The observed interior building materials were in aged, but good physical condition. Areas of damaged plaster were observed in the former boiler rooms in the auditorium and Administration buildings.

A paint storage room is located at basement level at the northwest end of the Administration building. Approximately 25 five-gallon poly containers and 14 one-gallon steel containers of paint are stored in the room and are stacked on the concrete floor or stored on wood shelving. A minor amount of spillage was observed on the concrete floor.

A former boiler room is located at basement level at the north corner of the Administration building. Next to the former boiler room are additional storage rooms. Some of the rooms were inaccessible due to locked doors. The following environmental issues were noted in the former boiler room and nearby rooms and areas:

- An aged wood cabinet labeled “Flammable Liquids” is present. The interior of the cabinet could not be inspected due to a locked door. No visible staining, evidence of releases, or odors were present on the exterior of the cabinet or surrounding concrete floor.
- An aged wood cabinet in the former boiler room contained various aged unlabeled glass beakers and containers of liquid. White acid-type staining was observed on the wood shelving. The concrete floor beneath the cabinet could not be inspected.
- A sump pump is located in the former boiler room. Mr. Garcia was not aware if it is operable.
- Pipe insulation is present on the boilers. The insulation is labeled as containing asbestos.
- Paint on the ceiling of the former boiler room was observed to be in significantly damaged condition with large amounts of peeling.
- Approximate 150 five-gallon containers of “Bioesque Botanical Disinfectant Solution” are present in storage rooms. The chemical is reportedly biodegradable and not regulated as dangerous goods. No evidence of releases or staining was observed on the containers or in the area.
- Approximately 150-gallons of Hillyard Power-Strip are stored in their original containers and boxes in a storage room. The chemical is reportedly a corrosive liquid and is harmful to aquatic life. No evidence of releases or staining was observed on the containers or in the area.

Shop #1 was historically a metal shop and paint shop. It is currently used for robotics. A hazardous materials shed is located west of Shop #1 and Shop #2. The hazardous materials shed is constructed of concrete and is vented. Signage on the shed states, “Danger, Flammable Liquids”. Access to the interior of the shed was not possible due to a locked door. Keys for the door could not be located for this assessment. No evidence of staining or releases was observed on the exterior of the shed. The shed has been present onsite since possibly the 1960s.

Three hydraulic elevators are present onsite. The elevators have been added to the exteriors of the buildings and appear to be aged condition. Access to the interior of the elevator equipment rooms for inspection was not possible due to locked doors. According to Mr. Garcia, the elevators are regularly serviced by an offsite vendor and they have keys for the equipment rooms. No evidence of staining, releases, or odors was present on the exterior of the elevator equipment rooms.

7.2.2 Hazardous Substances and Petroleum Products in Connection with Identified Uses

Hazardous substances were observed onsite as described above in Section 7.2.1.

7.2.3 Storage Tanks

No ASTs were observed onsite. No evidence of USTs, such as dispensers, pipes, or vent lines, was observed on the Site. Mr. Garcia and Mr. Vasquez were unaware of former USTs onsite.

7.2.4 Odors

No unusual odors were detected at the Site.

7.2.5 Pools of Liquid

No readily visible standing surface water, pools, or sumps containing liquids likely to be hazardous substances or petroleum products were identified during this assessment.

7.2.6 Drums

No drums were observed onsite.

7.2.7 Hazardous Substances and Petroleum Product Containers (Not Necessarily in Connection with Identified Uses)

A hazardous materials shed is located west of Shop #1 and Shop #2 as described above in Section 7.2.1. Hazardous materials may be stored in the shed that do not have current uses. No evidence of staining or releases was observed on the exterior of the shed.

7.2.8 Unidentified Substance Containers

An aged wood cabinet in the former boiler room contained various small aged unlabeled glass beakers and containers of liquid in different states of fill. White acid-type staining was observed on the wood shelving. The concrete floor beneath the cabinet could not be inspected due to surrounding objects.

7.2.9 PCBs

Three hydraulic elevators are used onsite. Visual inspection of the elevator equipment rooms could not be made due to locked doors. It is possible that hydraulic oil formerly used in the equipment contained polychlorinated biphenyls (PCBs).

Electrical equipment including a pad-mounted transformer are located within a chain-linked enclosure at the southwest side of the Site next to racquet ball courts. The electrical equipment and transformer are owned and maintained by the Los Angeles Department of Water and Power (LADWP). No evidence of releases or staining was observed on the equipment or on the surrounding concrete pad foundation. Any concerns with the electrical equipment would be the responsibility of LADWP. No other equipment suspected of containing PCBs was observed onsite.

7.2.10 Pits, Ponds, or Lagoons

During the site visit, Eco's representative looked for pits, ponds, or lagoons on the Site and adjoining properties to the extent that such features could be visually and/or physically observed from the Site or identified in the interviews or records review. No such features were identified on or adjoining the Site.

7.2.11 Stained Soil or Pavement

No stained soil or pavement was observed onsite.

7.2.12 Stressed Vegetation

During the site visit, Eco's representative looked for areas of stressed vegetation (other than from water stress). No stressed vegetation was observed onsite.

7.2.13 Solid Waste

During the site visit, Eco's representative looked for areas that were apparently filled or graded by non-natural causes (or filled with material of unknown origin) that suggest the presence of trash construction debris, demolition debris, or other solid waste disposal, or mounds or depressions suggesting trash or other solid waste disposal. No such areas were observed.

No visual evidence of historical trash incineration was observed onsite nor was any reported by site representatives.

7.2.14 Wastewater

During the site visit, Eco looked for wastewater or other liquids or discharges into a drain, ditch, underground injection system, or stream on or adjacent to the Site. No process wastewater is discharged onsite.

7.2.15 Wells

During the site visit, Eco looked for wells, including water wells, dry wells, irrigation wells, injection wells, monitoring wells, abandoned wells, oil wells, or other wells. No wells were observed onsite or reported to be onsite.

7.2.16 Septic Systems

During the site visit, Eco looked for indications of onsite septic systems or cesspools. No septic systems or cesspools were observed onsite. The Site is connected to the sanitary sewer system.

7.2.17 Heating / Cooling

The Site is heated and cooled by various equipment. Gas boilers and combination heating and cooling units are used.

7.2.18 Stains or Corrosion

Staining of various colors is present on the concrete floor of the former boiler room in the Administration building. The staining appears to be from various sources over time.

7.2.19 Drains or Sumps

A sump pump is present in the former boiler room. Maintenance personnel were not aware if the system is functional. Steel-grated stormwater drains are present throughout the Site. The drains appeared to be

generally free of debris. Sinks and restrooms are present in buildings throughout the Site. Mr. Garcia was unaware of a current or historical clarifier onsite.

8 PRELIMINARY ENVIRONMENTAL SCREENING FOR EXISTING SCHOOLS

A checklist was prepared by Eco and is included as **Appendix F** of this report. The screening is in general accordance with CDE guidance and assesses the potential for environmental hazards to students and staff at an existing school. These hazards include those associated with high voltage power transmission lines, railroads, traffic noise, faults, flood or dam inundation, pipelines and ASTs, liquefaction and landslides, traffic and pedestrian safety, compatible zoning, light, wind, and air pollution, easements, border zone properties, cellular phone towers, methane zones, oils wells, and airports. As Eco is not familiar with the details of the proposed Site modernization project, an adequate evaluation of all the components in the checklist cannot be provided. However, responses are provided to the extent possible based on Site and vicinity observations and records and Internet research. No obvious hazards were identified during this screening assessment.

9 INTERVIEWS

9.1 Interview with Site Contacts

Eco interviewed Mr. Ernie Garcia, Plant Manager, and Mr. Robert Vasquez, Building and Grounds Maintenance, for the Site. Mr. Vasquez has been associated with the Site for 20 years. Mr. Garcia and Mr. Vasquez were unaware of any environmental concerns or issues for the Site. They were not aware of any current or previous USTs or ASTs at the Site. They were not aware of any clarifiers onsite and were not aware of when the elevators at the Site were installed. They stated only the offsite vendors for the elevators have the keys to the equipment rooms. Mr. Garcia and Mr. Vasquez also did not have keys for the hazardous materials storage shed between Shop #1 and Shop #2.

10 FINDINGS & CONCLUSIONS

Eco has performed a Phase I ESA in accordance with the ASTM International E1527-13 Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process. Limitations or deviations from this practice are described in Section 1.4 of this report. The findings identified by Eco are summarized below and discussed in greater detail in the body of the report.

10.1 Recognized Environmental Conditions

No RECs were identified in connection with the Site.

10.2 Controlled Recognized Environmental Conditions

No CRECs were identified in connection with the Site.

10.3 Historical Recognized Environmental Conditions

No HRECs were identified in connection with the Site.

10.4 *De Minimis* Conditions

No *de minimis* conditions were identified in connection with the Site.

10.5 LAUSD Scope Items

Eco's review of LAUSD-required scope items indicates:

- ACBMs were identified onsite. It is probable lead-based paint also exists onsite due to the age of the onsite buildings.
- There is a potential for elevated concentrations of arsenic from historical application of herbicides and elevated concentrations of OCPs from historical application of termiticides to be present in shallow soil at the Site.
- The Site is located within a "high radon zone" as defined by LAUSD data sources.

Eco prepared a LAUSD *Preliminary Environmental Screening of Proposed Project at Existing School Site* checklist. No obvious hazards were identified.

10.6 Conclusions

Eco has performed a Phase I ESA of the Site in conformance with the scope and limitations of ASTM Practice E1527-13 for Phase I ESAs. This assessment has revealed no evidence of RECs in connection with the Site, and no further investigation is recommended at this time. However, environmental issues were identified for the Site as noted in Section 7.2.1 within this report. Further assessment prior to commencement of construction activities may be warranted.

No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. This evaluation was intended to reduce, but not eliminate uncertainty in RECs.

11 DATA GAPS

Potentially significant data gaps were identified during this assessment. These include:

- Locked doors preventing visual inspections of the hazardous materials shed between Shop #1 and Shop #2.
- Locked doors preventing visual inspections of aged fire cabinets.
- Locked doors for unknown rooms in areas of the auditorium, gymnasium, and Administration building.
- Unavailable information regarding elevator installation dates.
- Locked doors preventing visual inspections of elevator equipment rooms.
- Lack of reports describing previous surveys of ACBMs and lead-based paint at the Site. The extent of existing ACBMs and lead-based paint onsite is unknown.

Pertinent data, if any, obtained by LAUSD following the issuance of this report should be reviewed by an environmental professional and an addendum should be prepared to present an evaluation of the data and any changes to the conclusions of this report, as warranted by the data.

12 ENVIRONMENTAL PROFESSIONALS STATEMENT

The environmental assessment described herein was conducted by the undersigned employees of Eco. Eco's assessment consisted solely of the activities described in the Introduction of this Report and as generally outlined in ASTM E1527-13 guidelines for Phase I Environmental Site Assessments signed prior to initiation of the assessment, as applicable.

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 Code of Federal Regulations (CFR) 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. *

Report Prepared By:

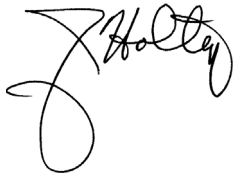


March 21, 2022

Blake Hunter
Senior Scientist
Environmental Professional

Date

Report Reviewed By:



March 21, 2022

Janet Holtz
Principal Scientist
Environmental Professional

Date

*A professional engineer's, geologist's, or environmental professional's certification of conditions comprises a declaration of his or her professional judgment. It does not constitute a warranty or guarantee, expressed or implied, nor does it relieve any other party of its responsibility to abide by contract documents, applicable codes, standards, regulations, and ordinances.

13 REFERENCES

- ASTM International. 2013. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13.
- Department of Water Resources (DWR). 2004. California's Groundwater Bulletin 118, Hydrologic Region South Coast, San Fernando Valley Groundwater Basin, Update February 27.
- Environmental Data Resources, Inc. (EDR). 2022. Radius Map Report with GeoCheck. Inquiry #6841953.2s. February 1.
- EDR. 2022. Aerial Photo Decade Package. February 1.
- EDR. 2022. Environmental Lien and AUL Search. February 3.
- EDR. 2022. Historical Topographic Map Report. February 1.
- EDR. 2022. City Directory Abstract. February 1.
- EDR. 2022. Building Permit Report. February 1
- Northgate. 2021. Additional Site Assessment Work Plan, Former Aquality, Inc., Los Angeles, California. June 14.

FIGURES



Environmental Excellence

Eco & Associates, Inc.
 18231 Irvine Boulevard, Suite 204
 Tustin, CA 92780

Phone: 714.289.0995 Fax: 714.289.0965

REGIONAL AREA MAP
LAUSD Washington Irving Middle School Magnet
 2010 Estara Avenue
 Los Angeles, CA

PROJECT NO.: Eco-22-638

DATED February 2022

FIGURE
1



LEGEND:
 - - - - - SITE BOUNDARY



Environmental Excellence

Eco & Associates, Inc.
 18231 Irvine Boulevard, Suite 204
 Tustin, California 92780

Phone: 714.289.0995 Fax: 714.289.0965

Site Detail Map
LAUSD Washington Irving Middle School Magnet
 2010 Estara Avenue
 Los Angeles, CA

PROJECT NO. Eco-22-638

DATED February 2022

FIGURE
2

APPENDIX A

Site Photographs



Photograph #1

Description of Photograph:

View of the gymnasium and playing field. Elevator has been added to exterior of building.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #2

Description of Photograph:

View of the south playing field.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #3

Description of Photograph:

View of the cafeteria.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #4

Description of Photograph:

View of the auditorium interior.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #5

Description of Photograph:

View of auditorium floor vents from crawl spaces beneath the floor.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #6

Description of Photograph:

View of paint storage in Administration building.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #7

Description of Photograph:
View of a locked fire cabinet in Administration building.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #8

Description of Photograph:
View of stored disinfectant in Administration building.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #9

Description of Photograph:
View of the boiler room in Auditorium building.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #10

Description of Photograph:
View of plaster damage in boiler room.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #11

Description of Photograph:

View of aged wood cabinet in boiler room with unknown beakers and containers. Note white acid-type staining.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #12

Description of Photograph:

View of sump pump in boiler room.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #13

Description of Photograph:

View of labeling on TSI in boiler room.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #14

Description of Photograph:

View of floor stripper in Administration building.

Site Location:

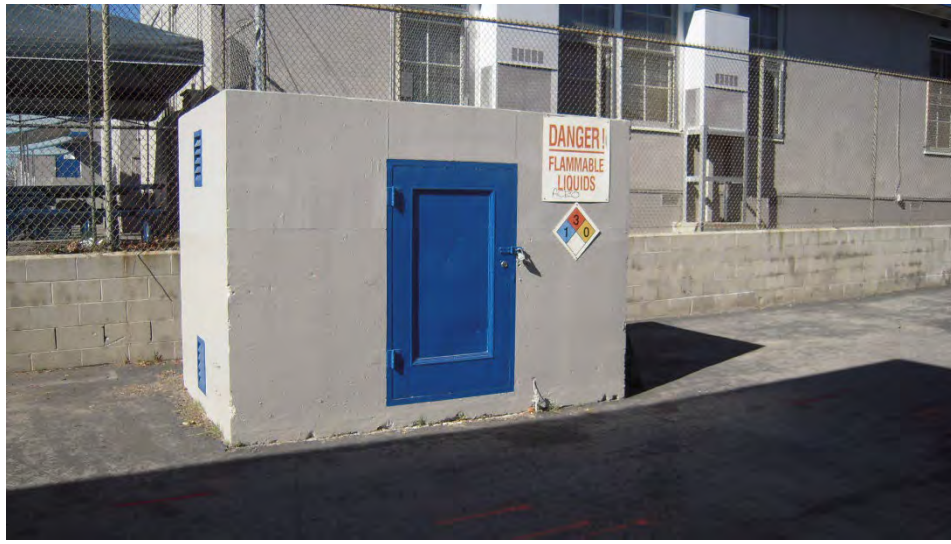
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #15

Description of Photograph:

View of inaccessible hazardous materials shed near Shops #1 and #2.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #16

Description of Photograph:

View of electrical equipment and transformer.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #17

Description of Photograph:

View of damaged ceiling paint in boiler room.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #18

Description of Photograph:

View of the loft inside Shop #1.

Site Location:

3010 Estara Avenue
Los Angeles, California

Photograph Taken By:

Blake Hunter

Date of Photograph:

February 7, 2022



Photograph #19

Description of Photograph:
View of the northeast adjacent school.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #20

Description of Photograph:
View of the southeast adjacent Glendale Freeway.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #21

Description of Photograph:
View of the south-southwest adjacent properties.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #22

Description of Photograph:
View of the southwest adjacent residential properties.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #23

Description of Photograph:
View of the southwest adjacent commercial properties.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022



Photograph #24

Description of Photograph:
View of the northwest adjacent properties along Fletcher Drive.

Site Location:
3010 Estara Avenue
Los Angeles, California

Photograph Taken By:
Blake Hunter

Date of Photograph:
February 7, 2022

APPENDIX B

Environmental Lien and AUL Report

WASHINGTON IRVING MAGNET SCHOOL
3010 ESTARA AVENUE
LOS ANGELES, CA 90065

Inquiry Number: 6841953.7S
FEBRUARY 3, 2022

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

WASHINGTON IRVING MAGNET SCHOOL
3010 ESTARA AVENUE
LOS ANGELES, CA 90065

RESEARCH SOURCE

Source 1: LOS ANGELES COUNTY RECORDER'S OFFICE
Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Legal Description: TR=8773 THAT POR OF LOT 1 ADJ ON N LYING SE OF FLETCHER DR AND LOT 2
Current Owner: LOS ANGELES UNIFIELD SCHOLL DISTRICT
Property Identifiers: 5458-018-915
Comments: NA
Deed 1
Type of Deed: JUDGMENT AND FINAL ORDER
Title is vested in: LOS ANGELES UNIFIELD SCHOLL DISTRICT
Title received from: WILLIAM JACOBSON AND THE ESTATE OF MANNING MAX GURIAN ON DECEMBER
1, 1989
Date Executed: 04/26/1991
Date Recorded: 04/26/1991
Book: NA
Page: NA
Volume: NA
Instrument#: 91-1483202
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found Not Found

Comments: NONE IDENTIFIED.

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Comments: NONE IDENTIFIED.

RECORDED - 91-1483202

91-1483202

1 JAMES DUFF MURPHY, ESQ.
2 OLIVER, STOEVER, BARR & VOSE, APC
3 1000 Sunset Boulevard
4 Los Angeles, California 90012
5 (213) 250-3043

FILED

APR 26 1991

ESBARR & JAMES COUNTY CLERK
of San Antonio
BY A. L. BANGSON, DEPUTY

6 Attorneys for Defendants,
7 WILLIAM JACOBSON and MANNING MAX GURIAN

8 SUPERIOR COURT OF THE STATE OF CALIFORNIA
9 FOR THE COUNTY OF LOS ANGELES

FREE L

11 LOS ANGELES UNIFIED SCHOOL)
12 DISTRICT,)
13 Plaintiff,)
14 vs.)
15 WILLIAM JACOBSON; MANNING)
16 GURIAN; et al.,)
17 Defendants.)

CASE NUMBER: C 681 096
JUDGMENT AND FINAL ORDER OF
CONDEMNATION [REDACTED]
{PARCEL NO. 1}

RECORDED IN OFFICIAL RECORDS
RECORDER'S OFFICE
LOS ANGELES COUNTY
CALIFORNIA
31 MIN. 2 PM. SEP 19 1991
PAST

LAW OFFICES
OLIVER, STOEVER, BARR & VOSE
A PROFESSIONAL CORPORATION
1000 SUNSET BOULEVARD
LOS ANGELES, CALIFORNIA 90024
TELEPHONE (213) 250-3043

18 The above entitled action as to Parcel No. 1 came on
19 regularly for trial on February 26, 1991, in Department 19 of
20 this court before the Honorable Arthur Baldonado, Judge.
21 Plaintiff was represented by Artis C. Grant, Jr. of Grant &
22 Duncan. Defendant WILLIAM JACOBSON and the estate of MANNING MAX
23 GURIAN were represented by Oliver, Stoever, Barr & Vose, and
24 James D. Murphy.

25 A jury was duly impaneled. Oral and documentary evidence
26 was introduced by the respective parties, and upon submitting the
27 matter to the jury after instruction, the jury returned a verdict
28 finding that the fair market value to be awarded to defendants

LAW OFFICES
OLIVER, STOEVEY, BARR & VOSE
A PROFESSIONAL CORPORATION
1000 BURBANK BOULEVARD
LOS ANGELES, CALIFORNIA 90012
TELEPHONE (213) 280-3043

1 WILLIAM JACOBSON and the estate of MANNING MAX GURIAN for Parcel
2 No. 1 was the sum of \$367,817.00 and the fair market value of the
3 fixtures and equipment taken was the sum of \$2,450.00.

4 NOW, THEREFORE, it is hereby found, determined and ordered
5 that:

6 1. Defendants WILLIAM JACOBSON and the estate of MANNING
7 MAX GURIAN are the fee simple owners of Parcel No. 1 herein,
8 including all improvement thereon pertaining to the reality, in
9 Los Angeles County, California, legally described in Exhibit "A"
10 to the complaint in eminent domain as follows:

11 Lot 2 of Tract No. 8773, in the City of Los Angeles, in
12 the County of Los Angeles, State of California, and that
13 portion of Lot 1 of said tract, lying southeasterly of the
14 northeasterly prolongation of the tangent portion of the
15 northwesterly line of said lot 2, as per map recorded in
16 Book 117 pages 18 and 19 of maps, in the office of the
17 county recorder of said county.

18 2. Plaintiff LOS ANGELES UNIFIED SCHOOL DISTRICT of Los
19 Angeles County has the right to take Parcel No. 1, legally
20 described above, by eminent domain.

21 3. Just compensation for the real property described as
22 Parcel No. 1 herein, together with all improvements thereon
23 pertaining to the realty, is the sum of \$370,267.00.

24 4. Just compensation for precondemnation damages is the
25 sum of \$28,250.00.

26 5. The total award, compensation and damages to be paid
27 herein to defendants WILLIAM JACOBSON and the estate of MANNING
28 MAX GURIAN is the sum of \$398,517.00, together with accrued
prejudgment interest calculated pursuant to Code of Civil
Procedure §1258.350 and §1268.360, calculated through April 30,
1991, in the sum of \$48,493.04.



1 6. Defendants are further entitled to their costs and
2 litigation expenses. *to be paid by Plaintiff*

3 7. An Order of Prejudgment Possession was signed by
4 Herbert M. Klein, Judge Pro Tem of the Superior Court on January
5 9, 1989, and became effective on April 17, 1989, authorizing
6 Plaintiff to take possession of Parcel No. 1.

7 8. Plaintiff deposited the sum of \$210,000.00 into court
8 as security deposit on January 9, 1989. The sum of \$210,000.00
9 was withdrawn from court by defendants WILLIAM JACOBSON and the
10 estate of MANNING MAX GURIAN on December 1, 1989.

11 9. It is hereby ordered that the total remaining amount
12 due defendants, less sums previously withdrawn, is the sum of
13 \$237,013.04, including prejudgment interest calculated through
14 April 30, 1991. Interest accrues at a daily rate of \$52.70 after
15 April 30, 1991, through the date of payment.

16 10. Payment of the remaining amount of the judgment,
17 including interest, should be made outside of these proceedings
18 as follows:

19 WILLIAM JACOBSON and the
20 Estate of MANNING MAX GURIAN
21 C/O Oliver, Stoever, Barr & Vose
1000 Sunset Boulevard
Los Angeles, CA 90012

22 11. It is hereby ordered, adjudged and decreed that payment
23 outside of these proceedings of the sums specified above shall
24 constitute payment in full for the real property, Parcel No. 1,
25 including fixtures and equipment, prejudgment interest, and all
26 other damages of any kind or nature whatsoever suffered by
27 Defendants by reason of such taking, excluding costs and
28 litigation expenses.

91-1483202

LAW OFFICES
OLIVER, STOEVER, BARR & VOSE
A PROFESSIONAL CORPORATION
1000 SUNSET BOULEVARD
LOS ANGELES, CALIFORNIA 90012
TELEPHONE (818) 850-9045



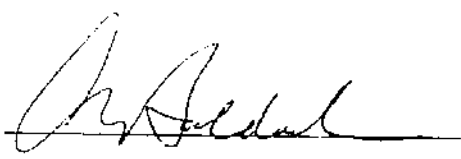
4

1 It is hereby further ordered, adjudged and decreed that the
 2 following described real property is hereby condemned in fee
 3 simple for public use and for purposes described in the
 4 complaint, namely, for public school purposes and for the
 5 construction and maintenance thereon of public school buildings,
 6 grounds and appurtenances, specifically in the improvement,
 7 construction and reconstruction of Irving Junior High School,
 8 Third Addition. Plaintiff shall take title to said real
 9 property, together with all improvements thereon, free and clear
 10 of any and all liens, encumbrances, easements, leaseholds, and
 11 current delinquent taxes and assessments of whatever kind or
 12 nature.

LAW OFFICES
 OLIVER, STOEVEY, BARR & VOSE
 A PROFESSIONAL CORPORATION
 1000 SUNSET BOULEVARD
 LOS ANGELES, CALIFORNIA 90028
 TELEPHONE (813) 887-5083

13 The legal description of the parcel is:
 14 Lot 2 of Tract No. 8773, in the City of Los Angeles, in
 15 the County of Los Angeles, State of California, and that
 16 portion of Lot 1 of said tract, lying southeasterly of the
 17 northeasterly prolongation of the tangent portion of the
 18 northwesterly line of said lot 2, as per map recorded in
 19 Book 117 pages 18 and 19 of maps, in the office of the
 20 county recorder of said county.

19 DATED:
 20 APR 26 1991

21 
 22 _____
 23 Judge of the Superior Court
 24 ARTHUR BALDOMADO

25 THE CLERK OF THE SUPERIOR COURT
 26 ATTACHED HERETO IS A COPY OF COPY
 27 OF THE ORDER FOR RECORD IN
 28 FILED SEP 10 1991

29 Executive Officer of the Superior
 30 Court of California, County of Los Angeles.
 31 By _____ Deputy
 32 (2475)

91-1483202

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PROOF OF SERVICE - C.C.P. §1013a, §2015.5
STATE OF CALIFORNIA COUNTY OF LOS ANGELES

I am employed in the County of Los Angeles, State of California. I am over the age of 18 and not a party to the within action. My business address is 1000 Sunset Boulevard, Los Angeles, California, 90010.

On April 11, 1991, I served on parties in this action the foregoing document(s) described as:

*JUDGMENT AND FINAL ORDER OF CONDEMNATION
[PROPOSED] PARCEL NO. 1*

by placing ___ the original ___XXXX___ true copies thereof enclosed in sealed envelopes addressed as shown below:

ARTIS C. GRANT, JR., ESQ.
GRANT & DUNCAN
300 S. GRAND AVE., 28TH FLOOR
LOS ANGELES, CALIFORNIA 90071

As follows: I am "readily familiar" with the firm's practice of collection and processing correspondence for mailing. Under that practice it would be deposited with U.S. postal service on that same day with postage thereon fully prepaid at Universal City, CA, in the ordinary course of business. I am aware that on motion of the party served, service is presumed invalid if postal cancellation date or postage meter date is more than one day after date of deposit for mailing in affidavit.

Executed on April 11, 1991, at Los Angeles, California.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct.


MARTIN CORNELIUS

[2518]

91-1483202

LAW OFFICES
OLIVER, STOEVEK, BARR & VOISE
A PROFESSIONAL CORPORATION
1000 SUNSET BOULEVARD
LOS ANGELES, CALIFORNIA 90012
Telephone (213) 250-2042

APPENDIX C

Historical Research Documentation

Washington Irving Magnet School

3010 Estara Avenue

Los Angeles, CA 90065

Inquiry Number: 6841953.3

February 01, 2022

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/01/22

Site Name:

Washington Irving Magnet Sch
3010 Estara Avenue
Los Angeles, CA 90065
EDR Inquiry # 6841953.3

Client Name:

Eco & Associates, Inc.
18231 Irvine Blvd Suite 204
Tustin, CA 92780
Contact: Janet Holtz



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Certified Sanborn Results:

Certification # A5B1-45AF-96F3

PO # NA

Project Eco-22-638

Maps Provided:

1970
1951
1950
1930
1919



Sanborn® Library search results

Certification #: A5B1-45AF-96F3

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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Sanborn Sheet Key

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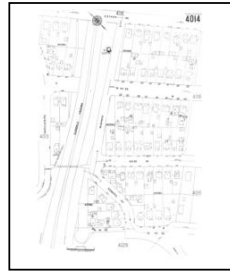
1970 Source Sheets



Volume 40, Sheet 4012
1970



Volume 40, Sheet 4013
1970



Volume 40, Sheet 4014
1970

1951 Source Sheets

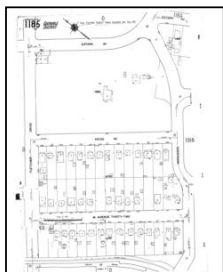


Volume 40, Sheet 4013
1951

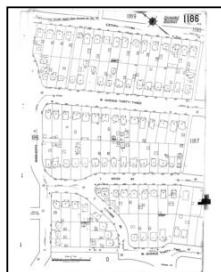


Volume 40, Sheet 4014
1951

1950 Source Sheets



Volume 11, Sheet 1185
1950



Volume 11, Sheet 1186
1950

1930 Source Sheets



Volume 40, Sheet 4013
1930



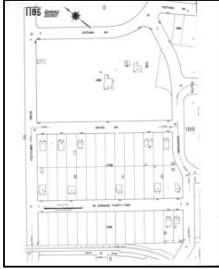
Volume 40, Sheet 4014
1930

Sanborn Sheet Key

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1919 Source Sheets



Volume 11, Sheet 1185
1919



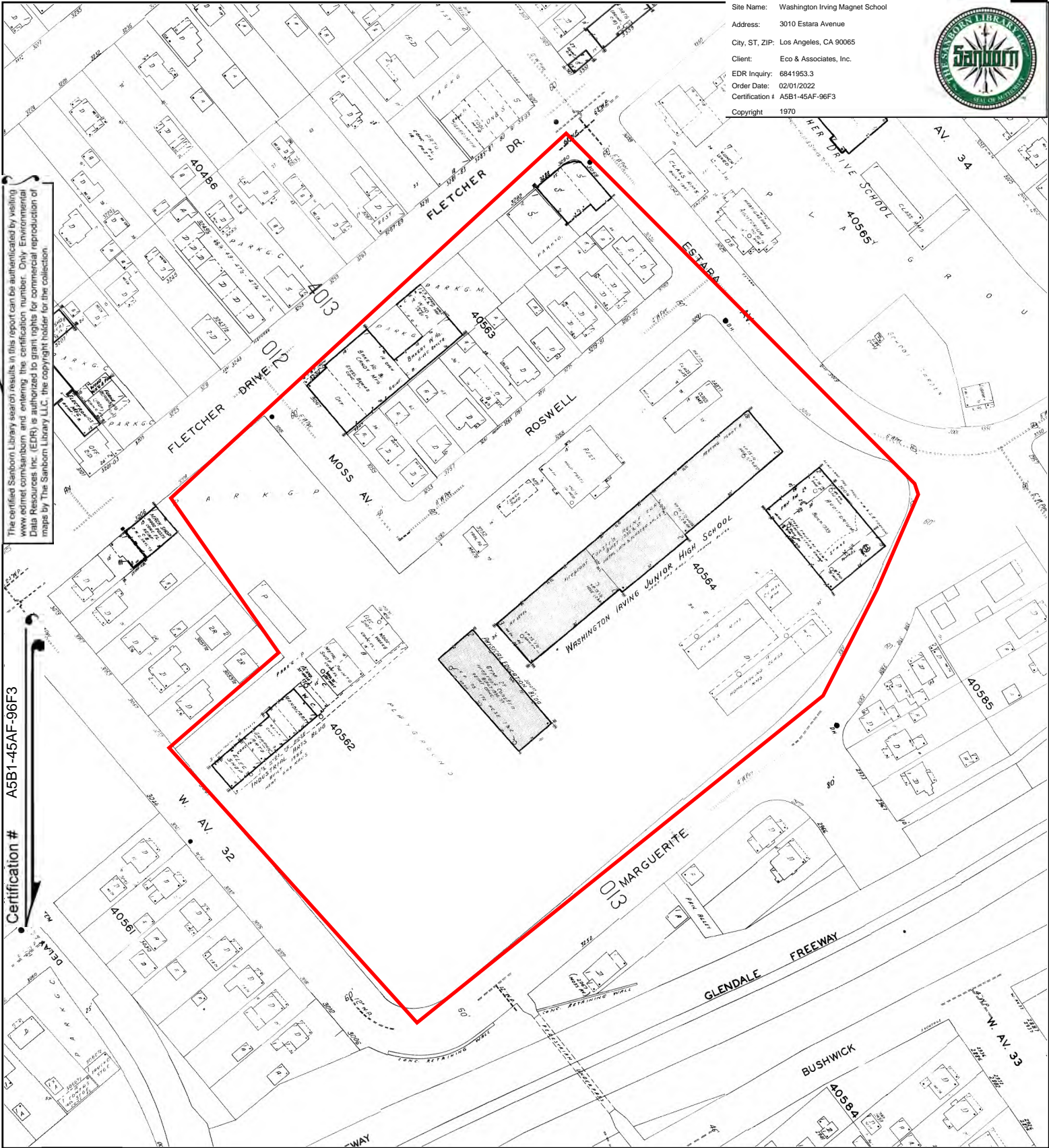
Volume 11, Sheet 1186
1919

Site Name: Washington Irving Magnet School
 Address: 3010 Estara Avenue
 City, ST, ZIP: Los Angeles, CA 90065
 Client: Eco & Associates, Inc.
 EDR Inquiry: 6841953.3
 Order Date: 02/01/2022
 Certification #: A5B1-45AF-96F3
 Copyright: 1970

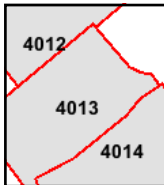
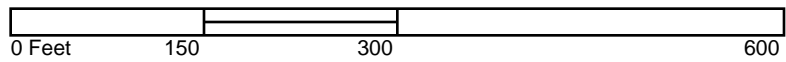


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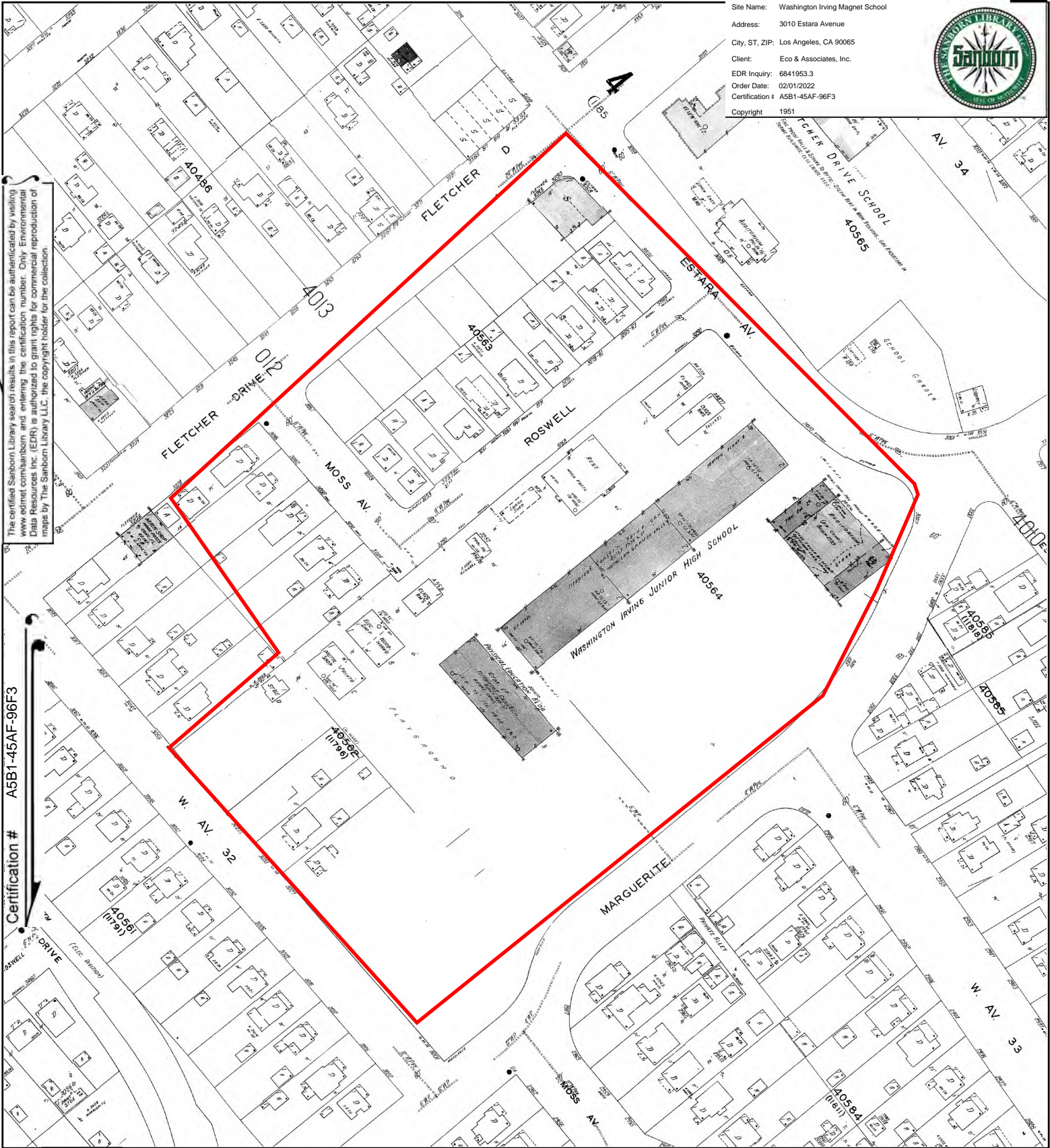
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Volume 40, Sheet 4014
 Volume 40, Sheet 4013
 Volume 40, Sheet 4012



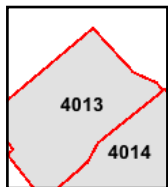
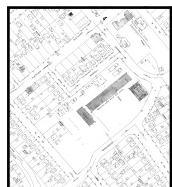
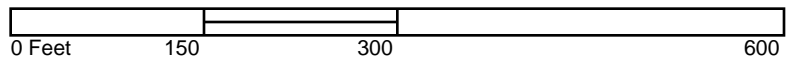
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 Address: 3010 Estara Avenue
 City, ST, ZIP: Los Angeles, CA 90065
 Client: Eco & Associates, Inc.
 EDR Inquiry: 6841953.3
 Order Date: 02/01/2022
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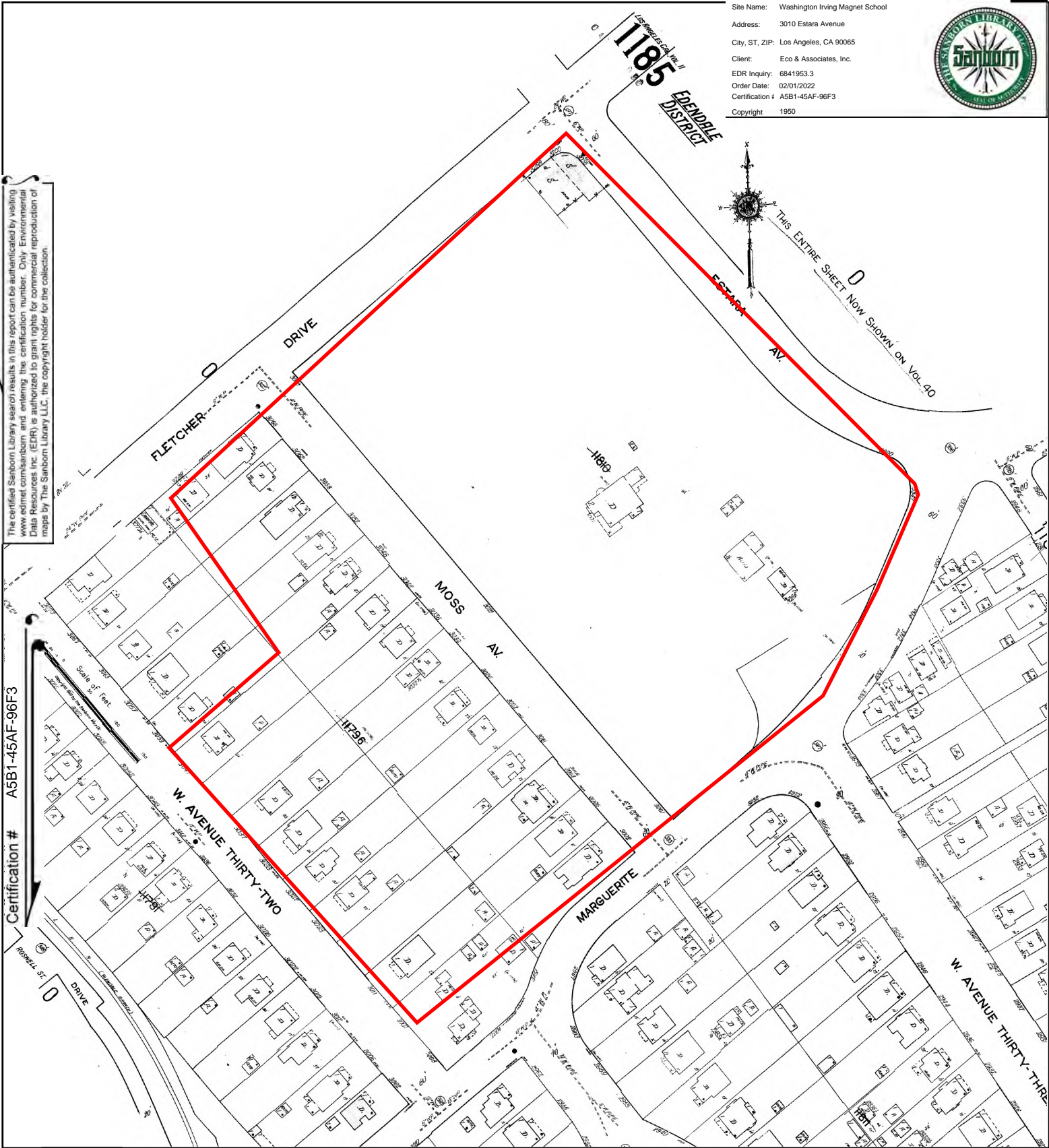


Site Name: Washington Irving Magnet School
 Address: 3010 Estara Avenue
 City, ST, ZIP: Los Angeles, CA 90065
 Client: Eco & Associates, Inc.
 EDR Inquiry: 6841953.3
 Order Date: 02/01/2022
 Certification #: A5B1-45AF-96F3
 Copyright: 1950

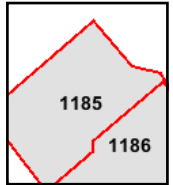
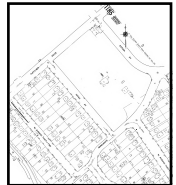
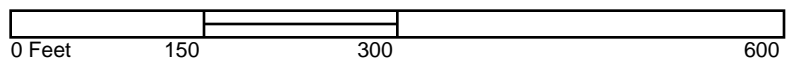


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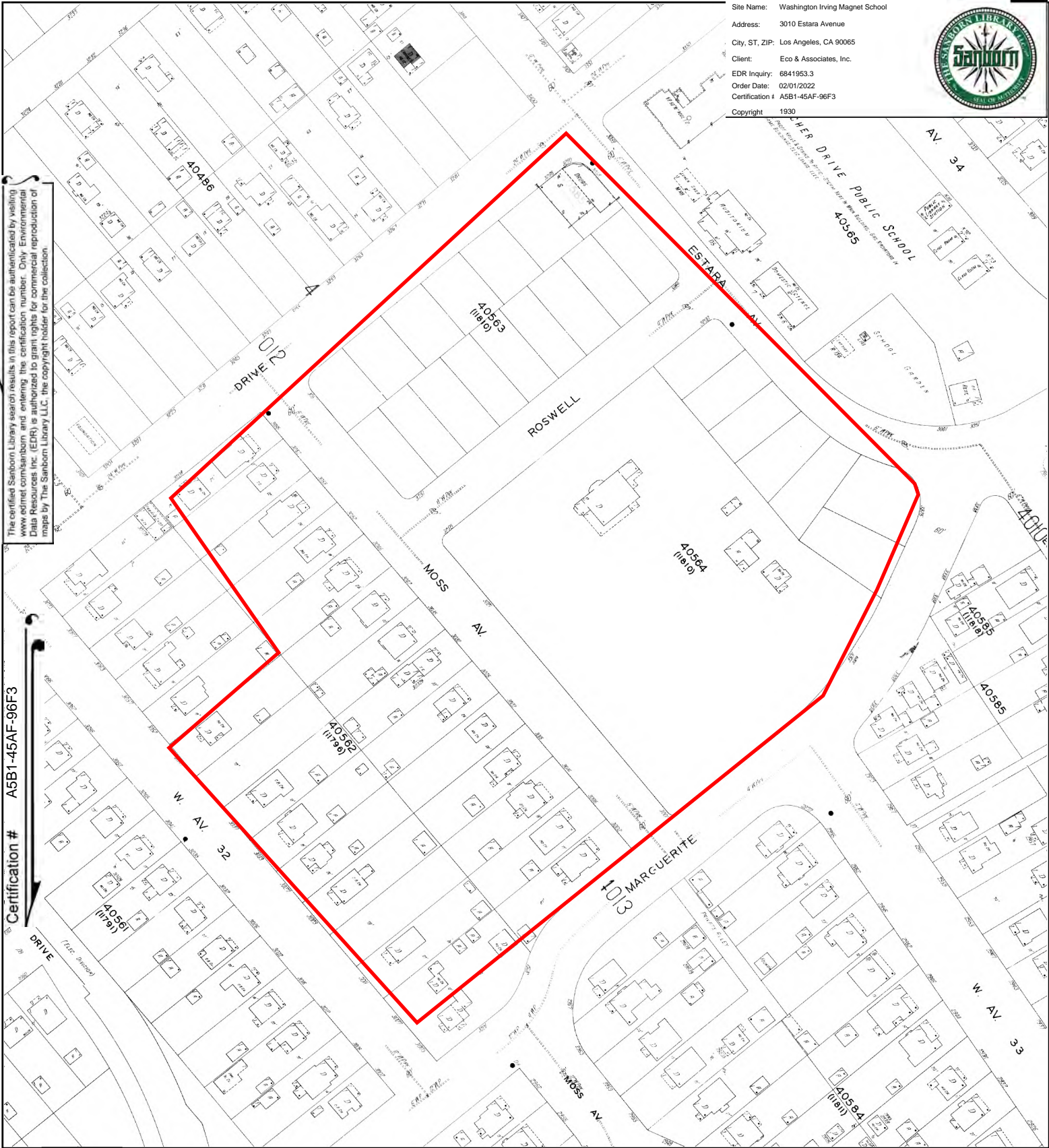
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Volume 11, Sheet 1186
 Volume 11, Sheet 1185



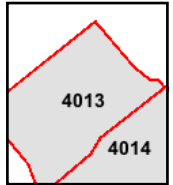
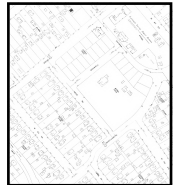
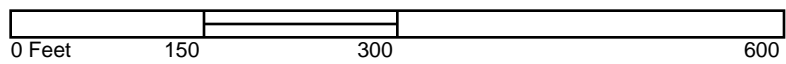
Site Name: Washington Irving Magnet School
 Address: 3010 Estara Avenue
 City, ST, ZIP: Los Angeles, CA 90065
 Client: Eco & Associates, Inc.
 EDR Inquiry: 6841953.3
 Order Date: 02/01/2022
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Certification # A5B1-45AF-96F3

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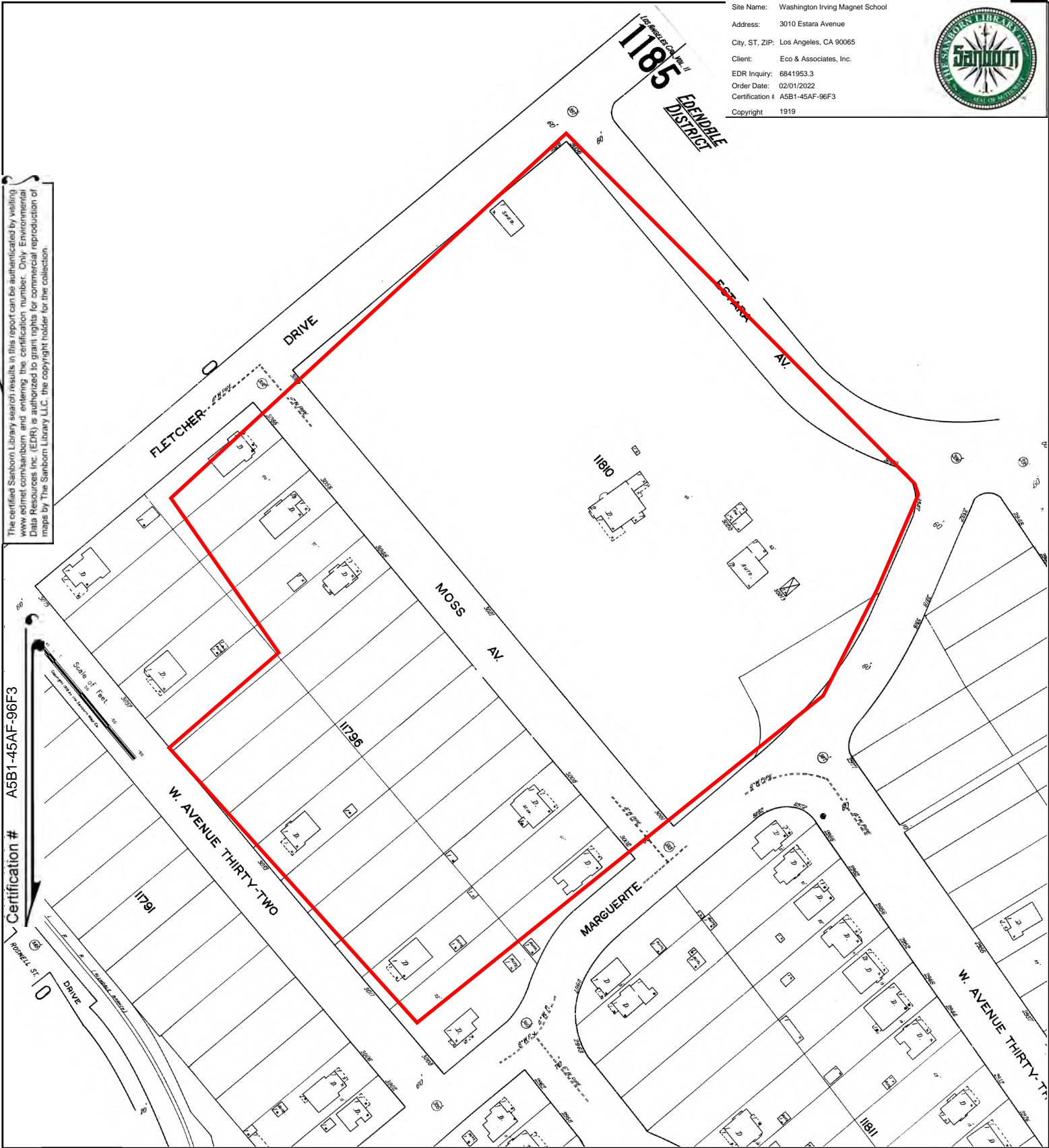
Volume 40, Sheet 4014
 Volume 40, Sheet 4013



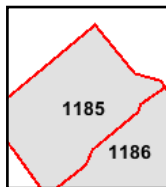
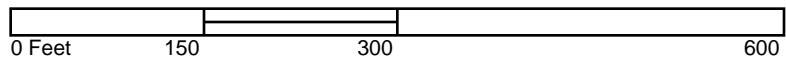
Site Name: Washington Irving Magnet School
 Address: 3010 Estara Avenue
 City, ST, ZIP: Los Angeles, CA 90065
 Client: Eco & Associates, Inc.
 EDR Inquiry: 6841953.3
 Order Date: 02/01/2022
 Certification #: A5B1-45AF-96F3
 Copyright: 1919



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Volume 11, Sheet 1186
 Volume 11, Sheet 1185



Washington Irving Magnet School

3010 Estara Avenue

Los Angeles, CA 90065

Inquiry Number: 6841953.4

February 01, 2022

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/01/22

Site Name:

Washington Irving Magnet Sch
3010 Estara Avenue
Los Angeles, CA 90065
EDR Inquiry # 6841953.4

Client Name:

Eco & Associates, Inc.
18231 Irvine Blvd Suite 204
Tustin, CA 92780
Contact: Janet Holtz



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Search Results:**Coordinates:**

P.O.#	NA	Latitude:	34.116505 34° 6' 59" North
Project:	Eco-22-638	Longitude:	-118.241526 -118° 14' 29" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	385501.18
		UTM Y Meters:	3775769.79
		Elevation:	403.88' above sea level

Maps Provided:

2018	1953	1894
2015	1928	
2012	1921	
1994, 1995	1920	
1988, 1991	1902	
1981	1900	
1972	1898	
1966	1896	

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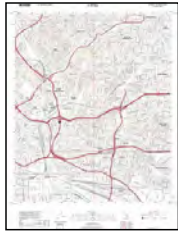
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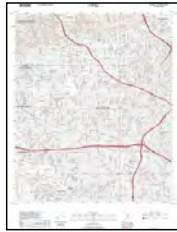
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets



Los Angeles
2018
7.5-minute, 24000



Hollywood
2018
7.5-minute, 24000

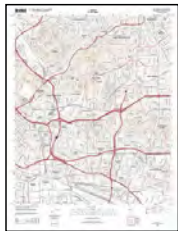


Pasadena
2018
7.5-minute, 24000

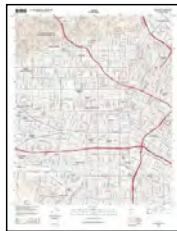


Burbank
2018
7.5-minute, 24000

2015 Source Sheets



Los Angeles
2015
7.5-minute, 24000



Hollywood
2015
7.5-minute, 24000



Pasadena
2015
7.5-minute, 24000



Burbank
2015
7.5-minute, 24000

2012 Source Sheets



Los Angeles
2012
7.5-minute, 24000



Hollywood
2012
7.5-minute, 24000

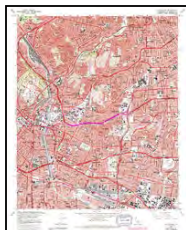


Pasadena
2012
7.5-minute, 24000



Burbank
2012
7.5-minute, 24000

1994, 1995 Source Sheets



Los Angeles
1994
7.5-minute, 24000
Aerial Photo Revised 1978



Burbank
1994
7.5-minute, 24000
Aerial Photo Revised 1972



Pasadena
1995
7.5-minute, 24000
Aerial Photo Revised 1993

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1988, 1991 Source Sheets



Pasadena
1988
7.5-minute, 24000
Aerial Photo Revised 1986

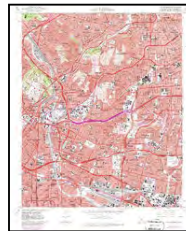


Hollywood
1991
7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets



Hollywood
1981
7.5-minute, 24000
Aerial Photo Revised 1978

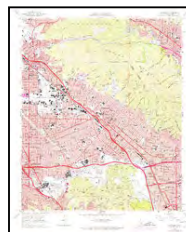


Los Angeles
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Los Angeles
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Burbank
1972
7.5-minute, 24000
Aerial Photo Revised 1972

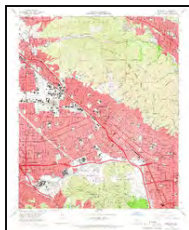


Hollywood
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Pasadena
1972
7.5-minute, 24000
Aerial Photo Revised 1972

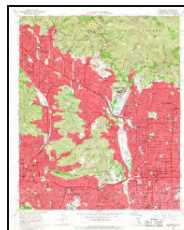
1966 Source Sheets



Burbank
1966
7.5-minute, 24000
Aerial Photo Revised 1964



Hollywood
1966
7.5-minute, 24000
Aerial Photo Revised 1964



Pasadena
1966
7.5-minute, 24000
Aerial Photo Revised 1964



Los Angeles
1966
7.5-minute, 24000
Aerial Photo Revised 1964

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

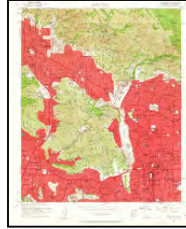
1953 Source Sheets



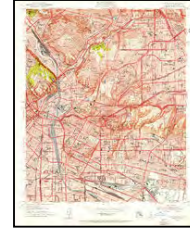
Burbank
1953
7.5-minute, 24000
Aerial Photo Revised 1952



Hollywood
1953
7.5-minute, 24000
Aerial Photo Revised 1952

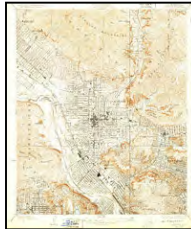


Pasadena
1953
7.5-minute, 24000



Los Angeles
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1928 Source Sheets

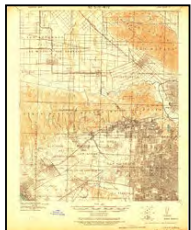


Glendale
1928
7.5-minute, 24000



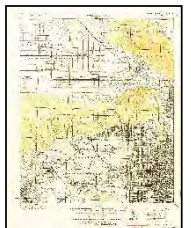
Los Angeles
1928
7.5-minute, 24000

1921 Source Sheets



Santa Monica
1921
15-minute, 62500
Aerial Photo Revised 1919

1920 Source Sheets



SANTA MONICA
1920
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1902 Source Sheets



Santa Monica
1902
15-minute, 62500

1900 Source Sheets



Pasadena
1900
15-minute, 62500



Los Angeles
1900
15-minute, 62500

1898 Source Sheets



Santa Monica
1898
15-minute, 62500

1896 Source Sheets



Santa Monica
1896
15-minute, 62500



Pasadena
1896
15-minute, 62500

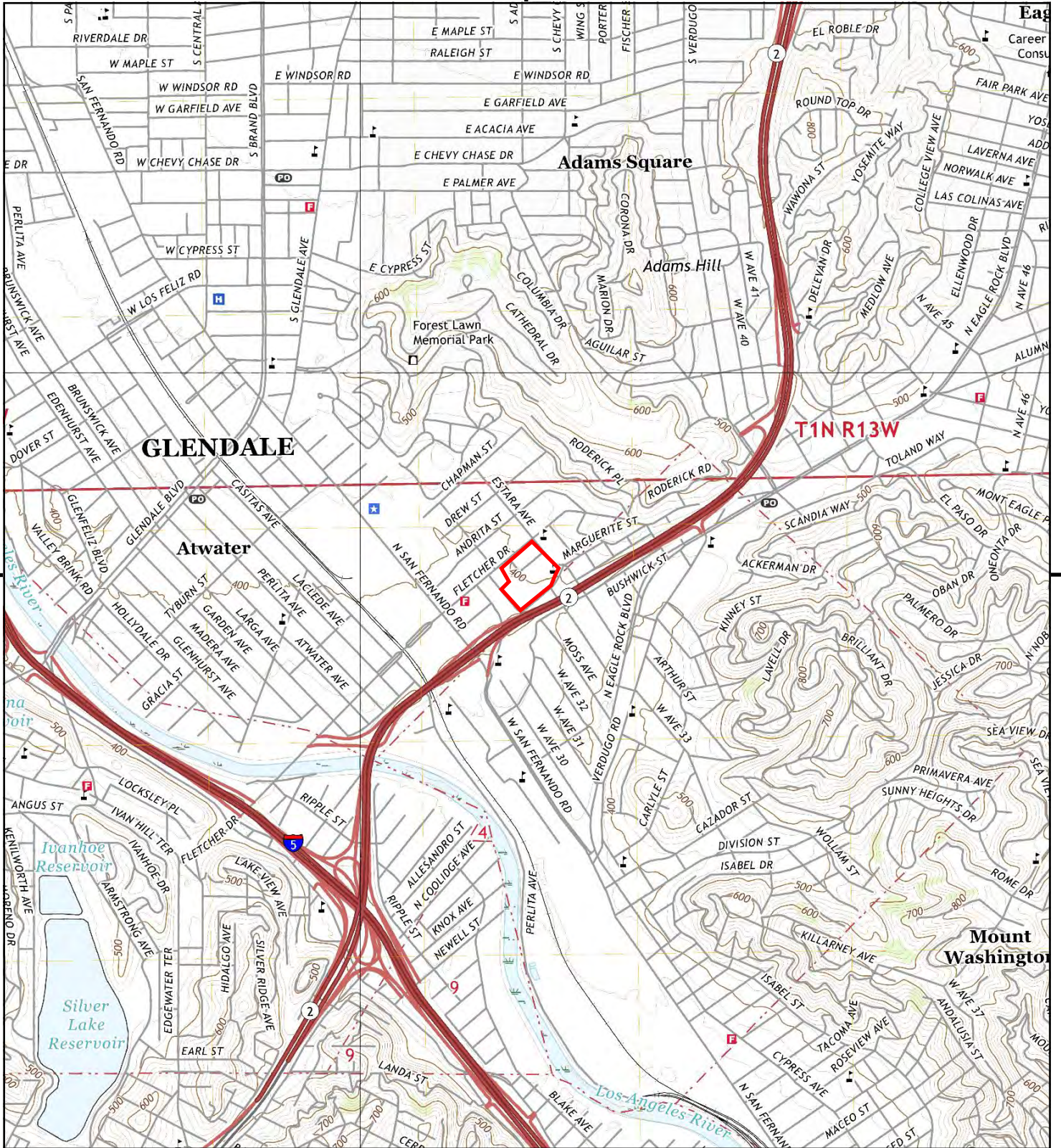
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

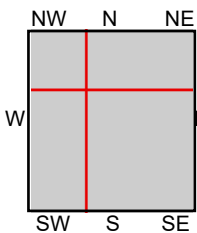
1894 Source Sheets



Los Angeles
1894
15-minute, 62500



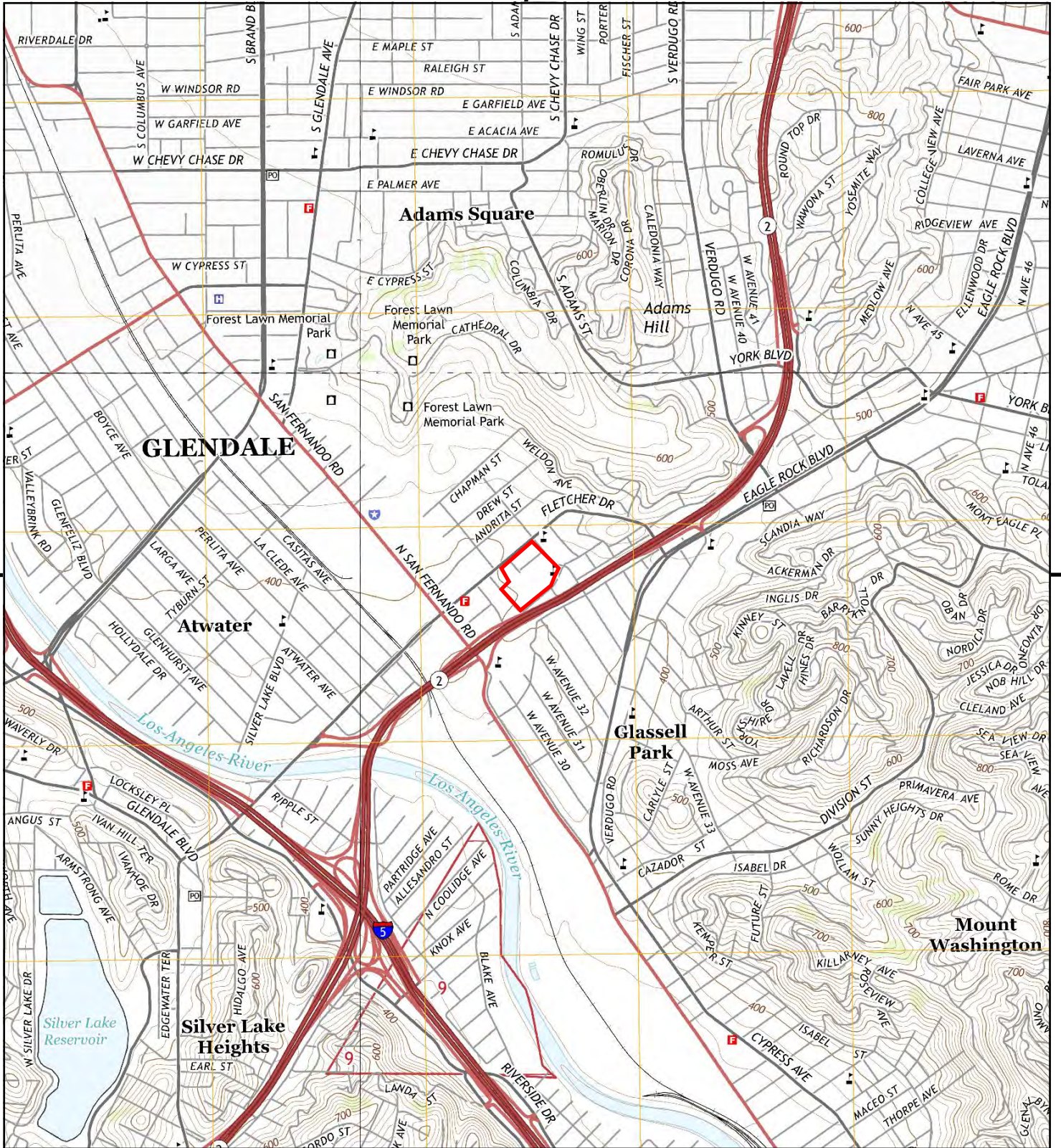
This report includes information from the following map sheet(s).



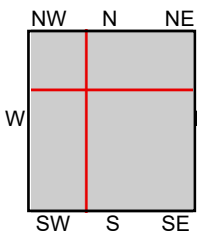
TP, Los Angeles, 2018, 7.5-minute
 NE, Pasadena, 2018, 7.5-minute
 SW, Hollywood, 2018, 7.5-minute
 NW, Burbank, 2018, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estar Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





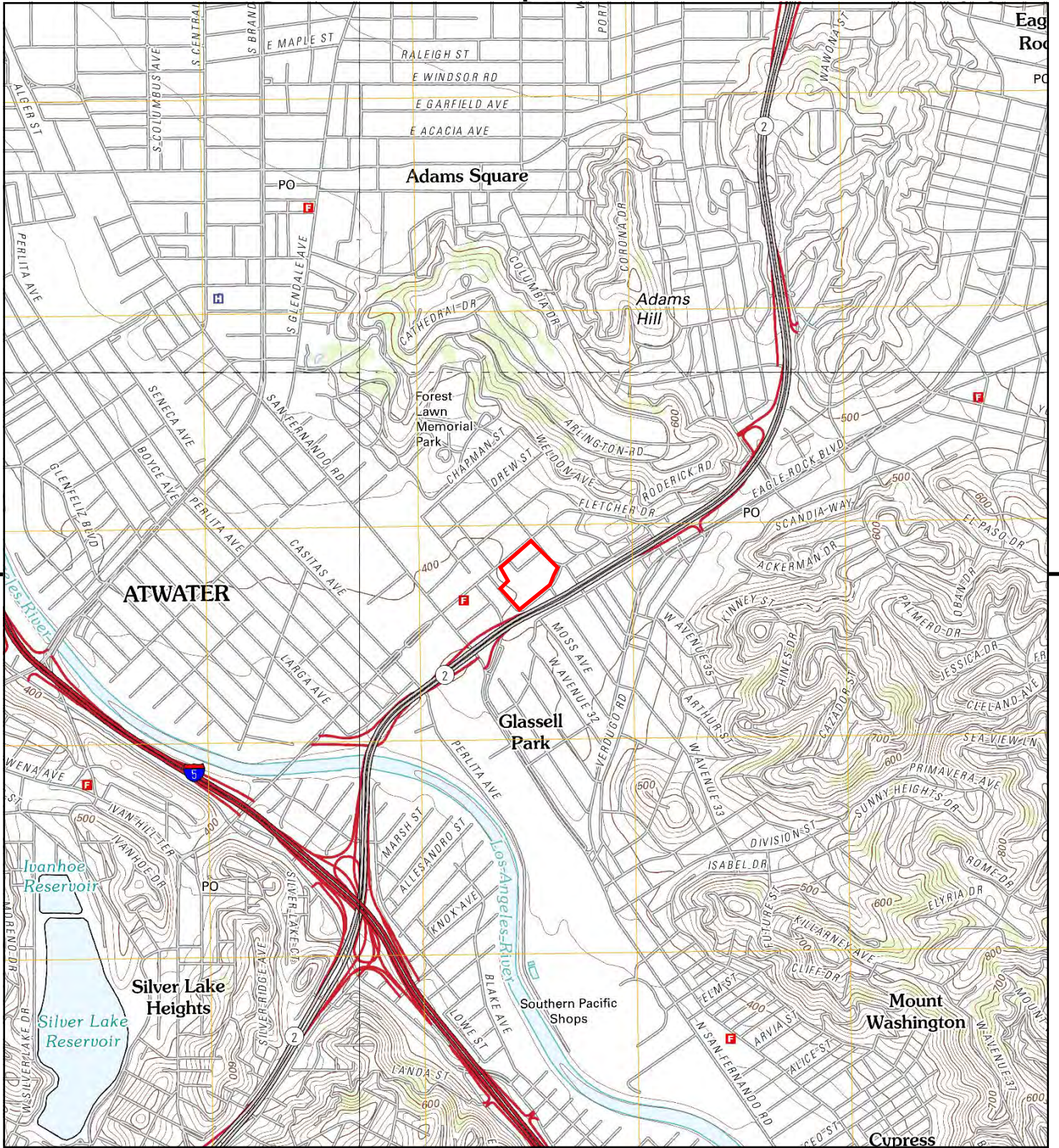
This report includes information from the following map sheet(s).



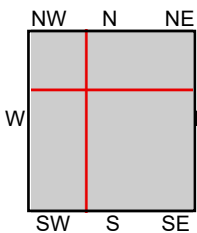
TP, Los Angeles, 2015, 7.5-minute
 NE, Pasadena, 2015, 7.5-minute
 SW, Hollywood, 2015, 7.5-minute
 NW, Burbank, 2015, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





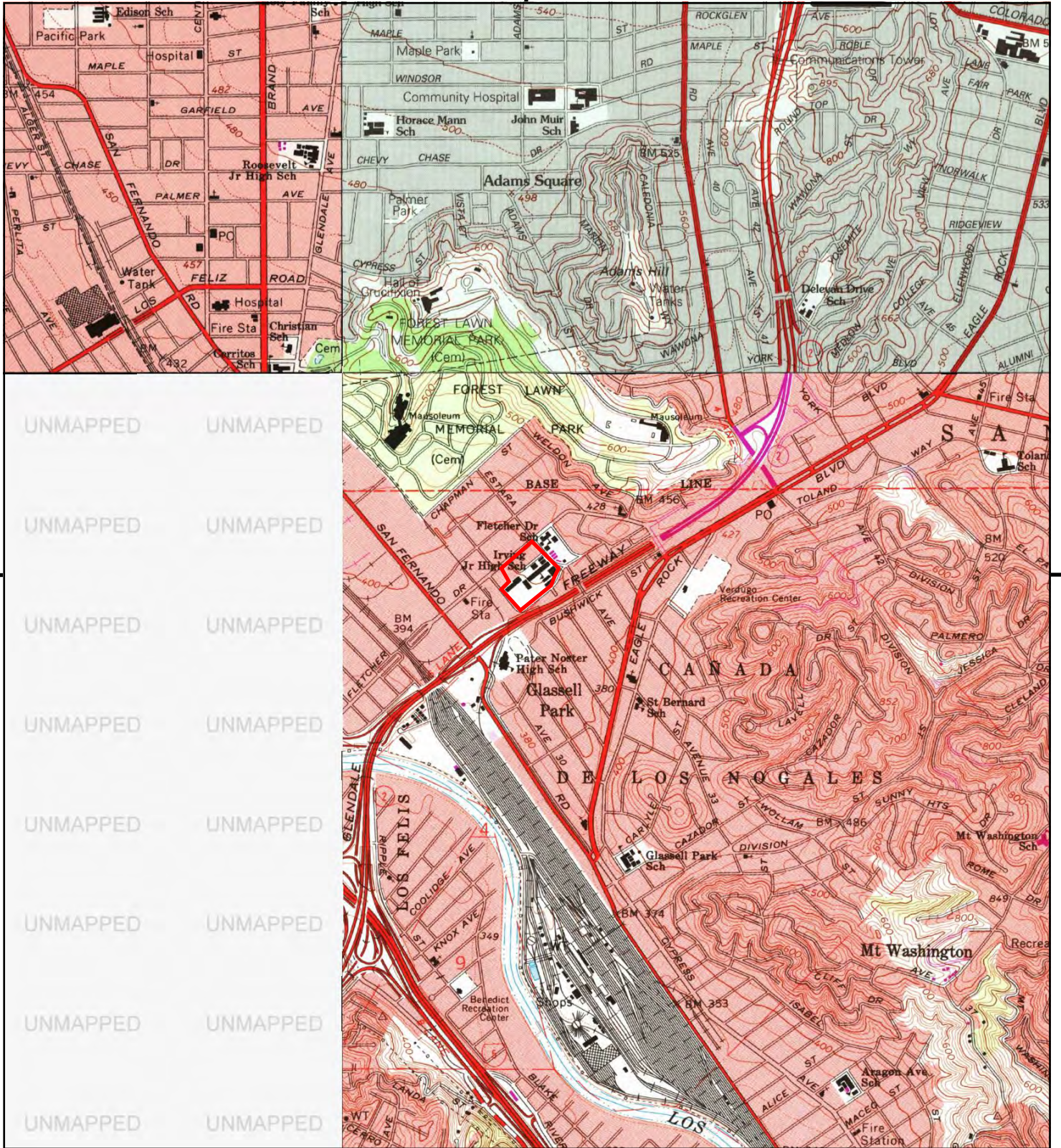
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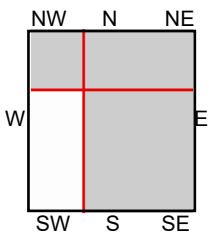
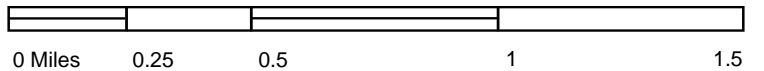
TP, Los Angeles, 2012, 7.5-minute
 NE, Pasadena, 2012, 7.5-minute
 SW, Hollywood, 2012, 7.5-minute
 NW, Burbank, 2012, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





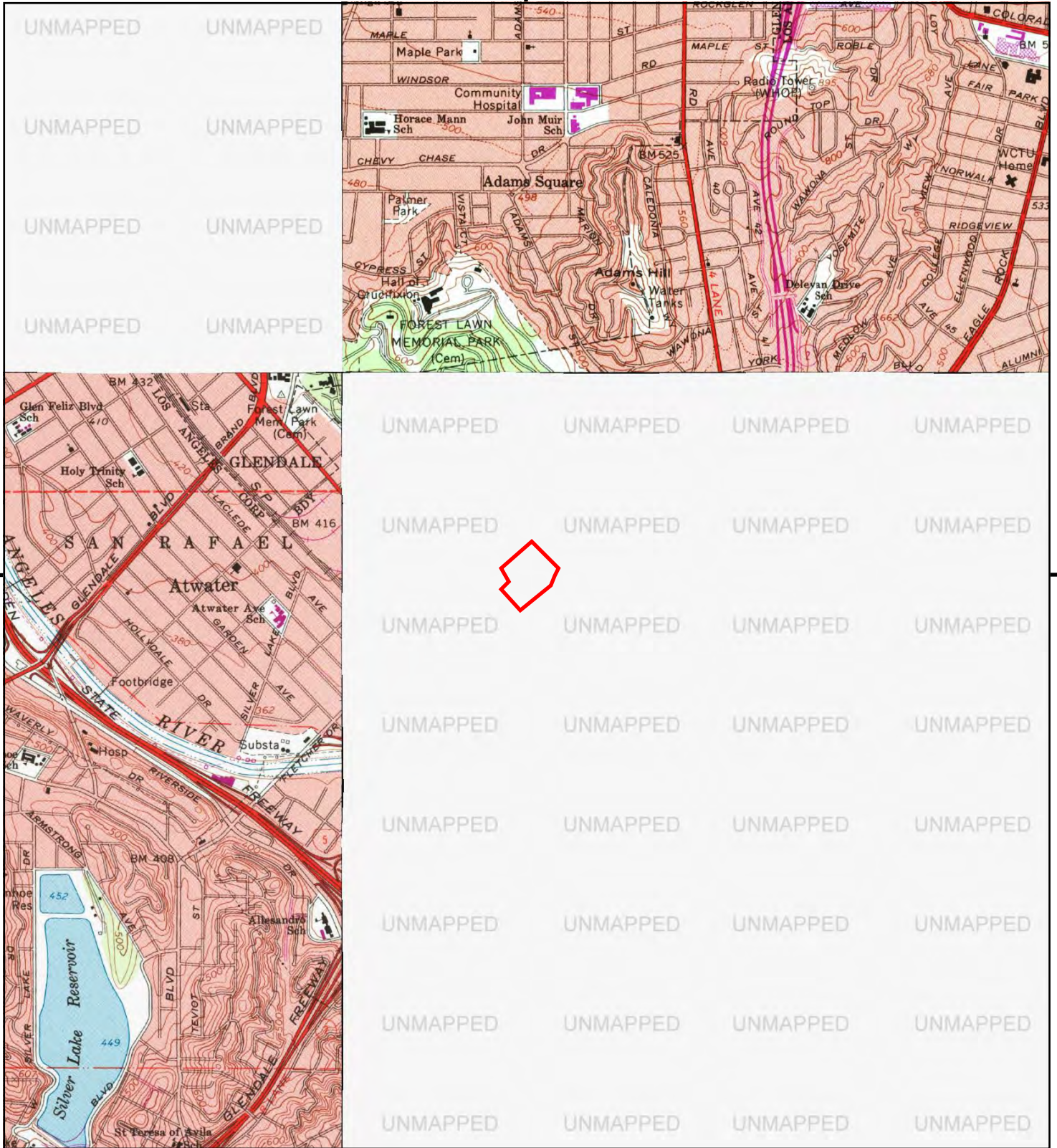
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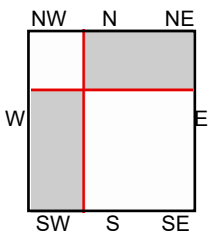
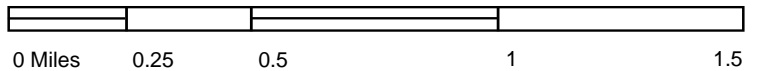
TP, Los Angeles, 1994, 7.5-minute
 NE, Pasadena, 1995, 7.5-minute
 NW, Burbank, 1994, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





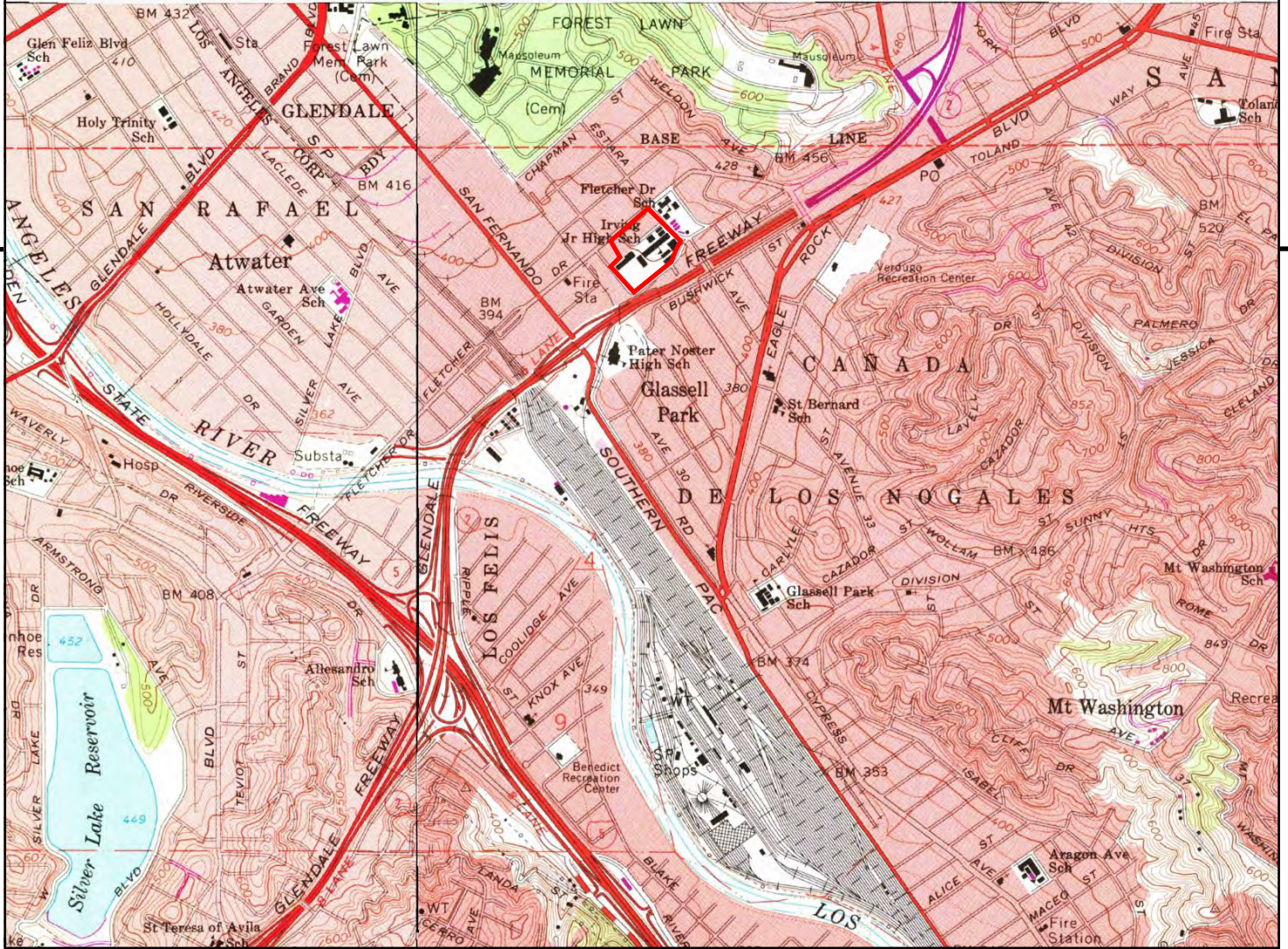
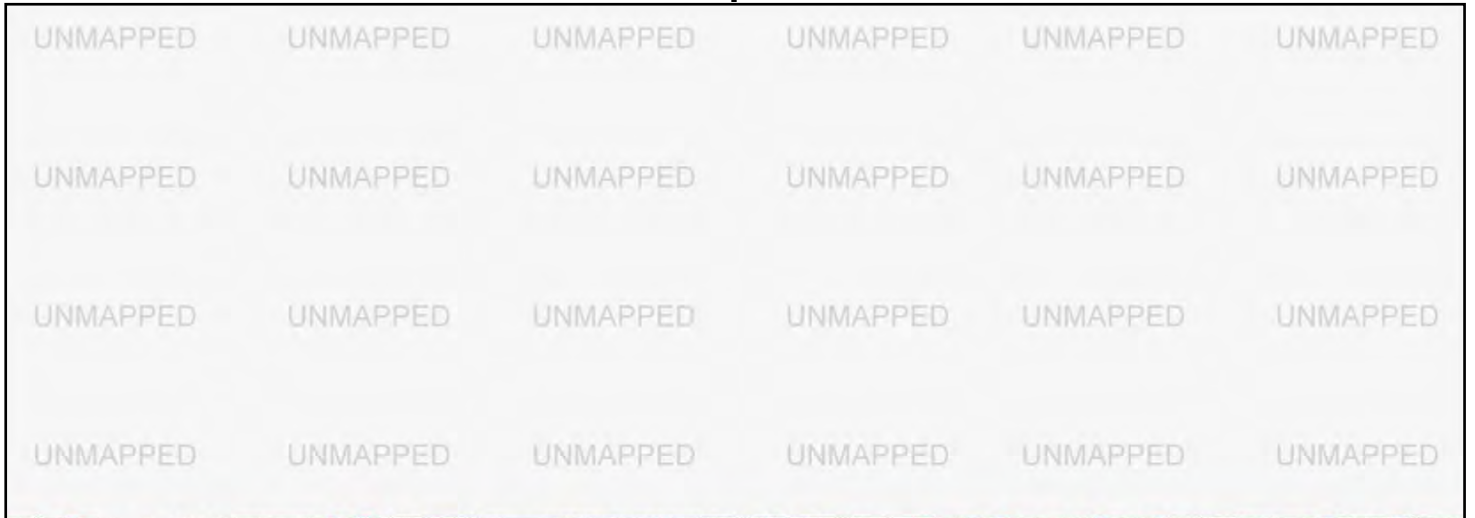
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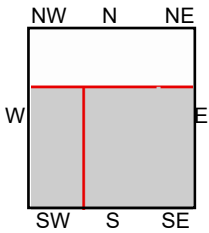
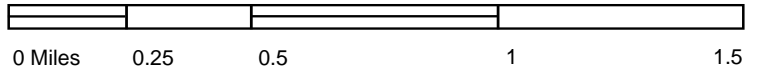
NE, Pasadena, 1988, 7.5-minute
 SW, Hollywood, 1991, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





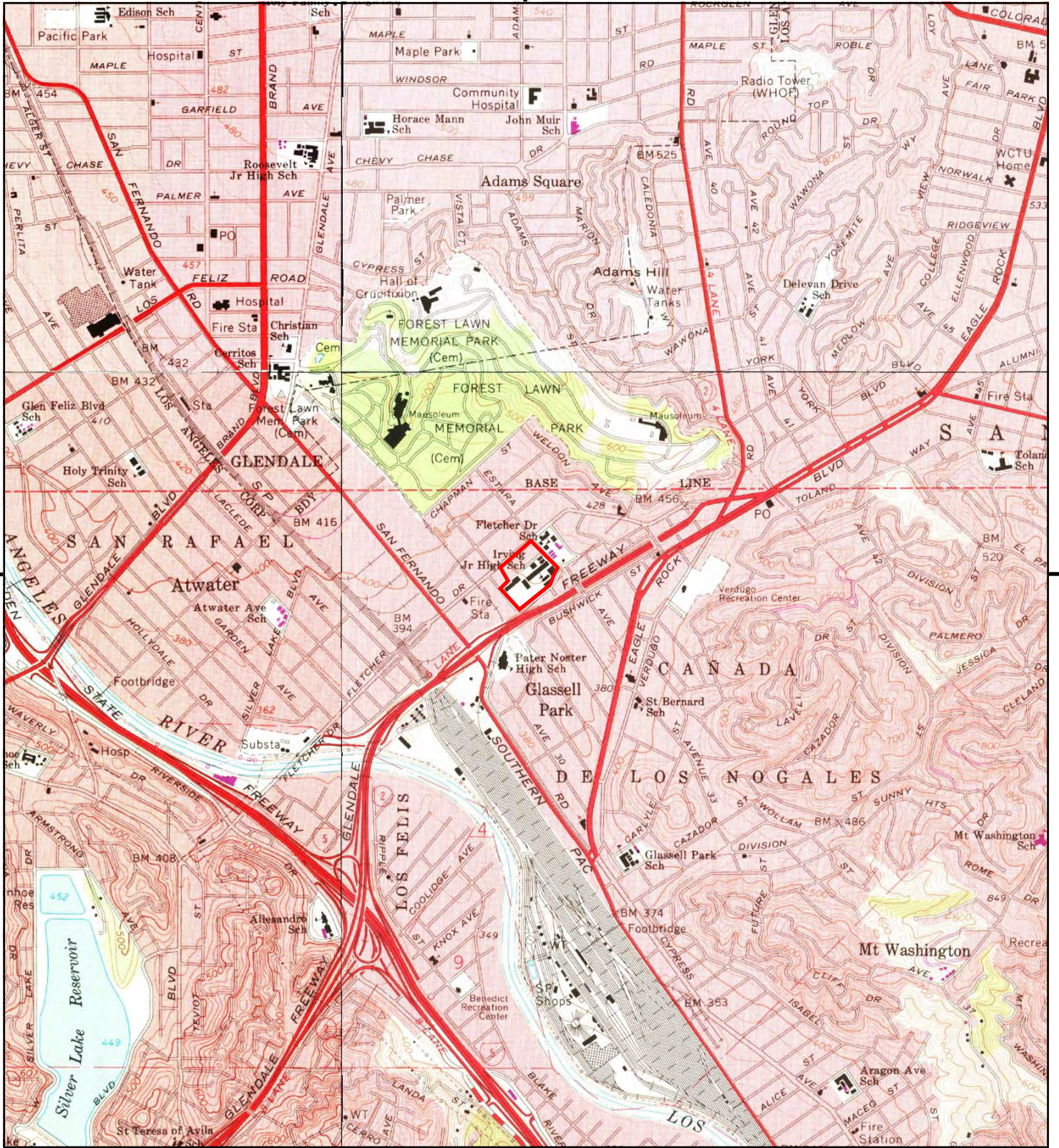
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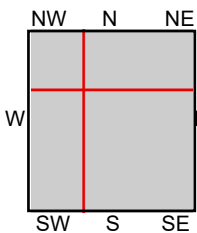
TP, Los Angeles, 1981, 7.5-minute
 SW, Hollywood, 1981, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





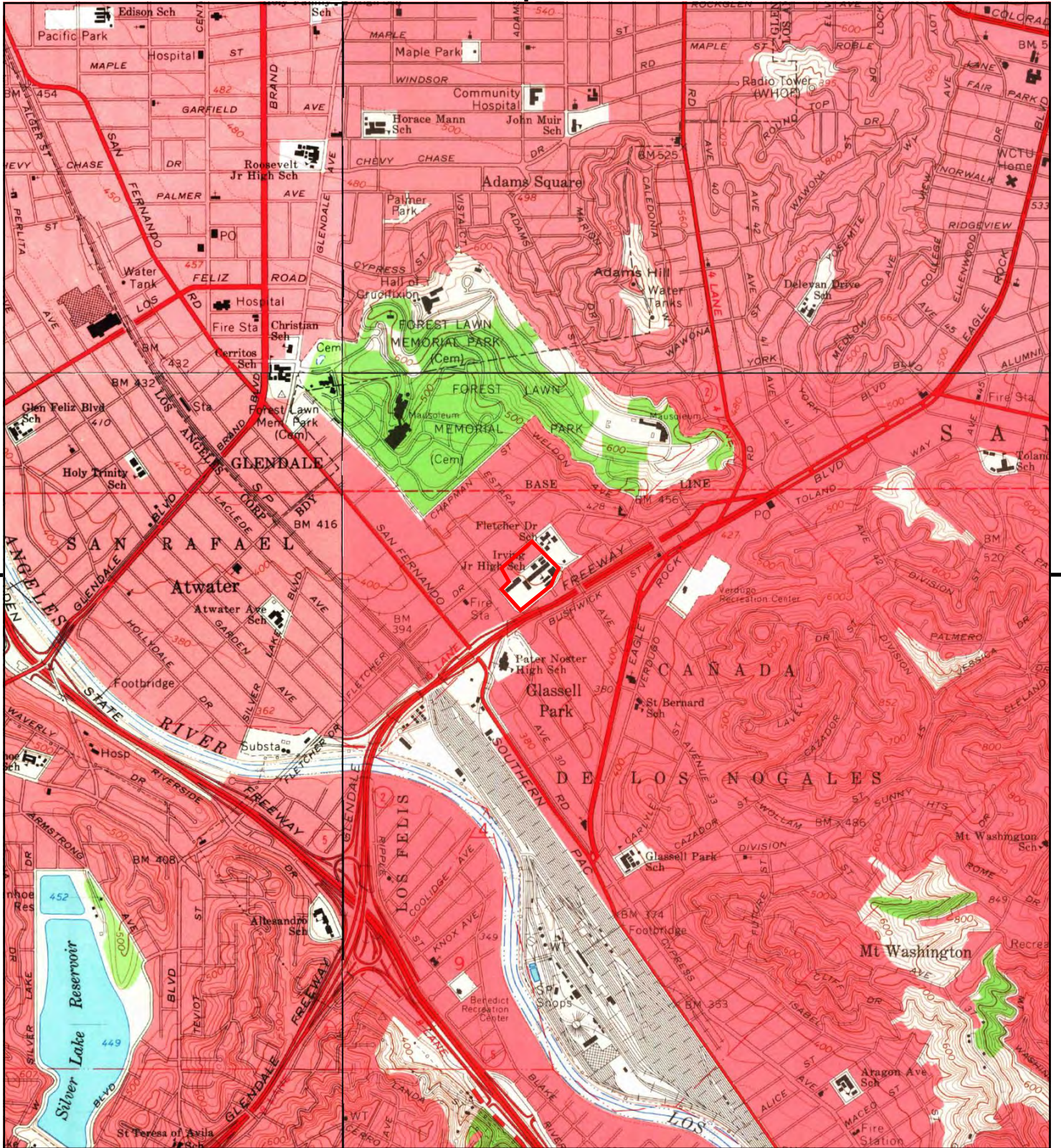
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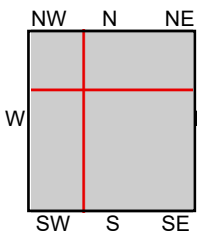
TP, Los Angeles, 1972, 7.5-minute
 NE, Pasadena, 1972, 7.5-minute
 SW, Hollywood, 1972, 7.5-minute
 NW, Burbank, 1972, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estarta Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





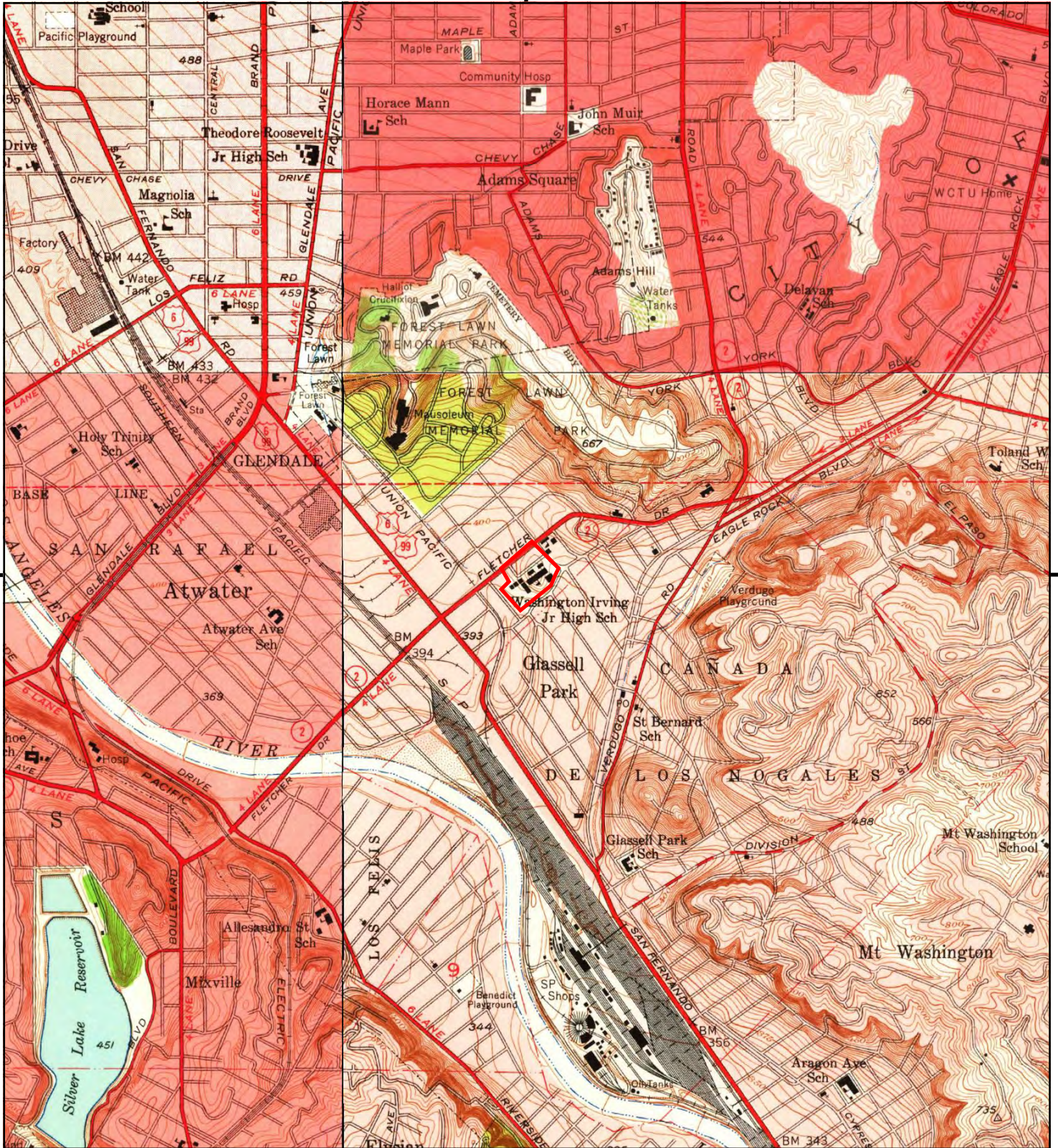
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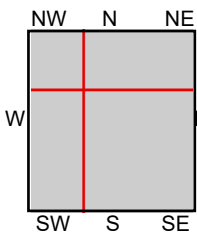
TP, Los Angeles, 1966, 7.5-minute
 NE, Pasadena, 1966, 7.5-minute
 SW, Hollywood, 1966, 7.5-minute
 NW, Burbank, 1966, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estrella Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





This report includes information from the following map sheet(s).



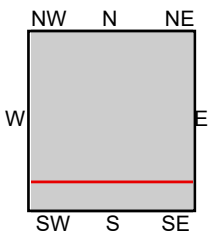
TP, Los Angeles, 1953, 7.5-minute
 NE, Pasadena, 1953, 7.5-minute
 SW, Hollywood, 1953, 7.5-minute
 NW, Burbank, 1953, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





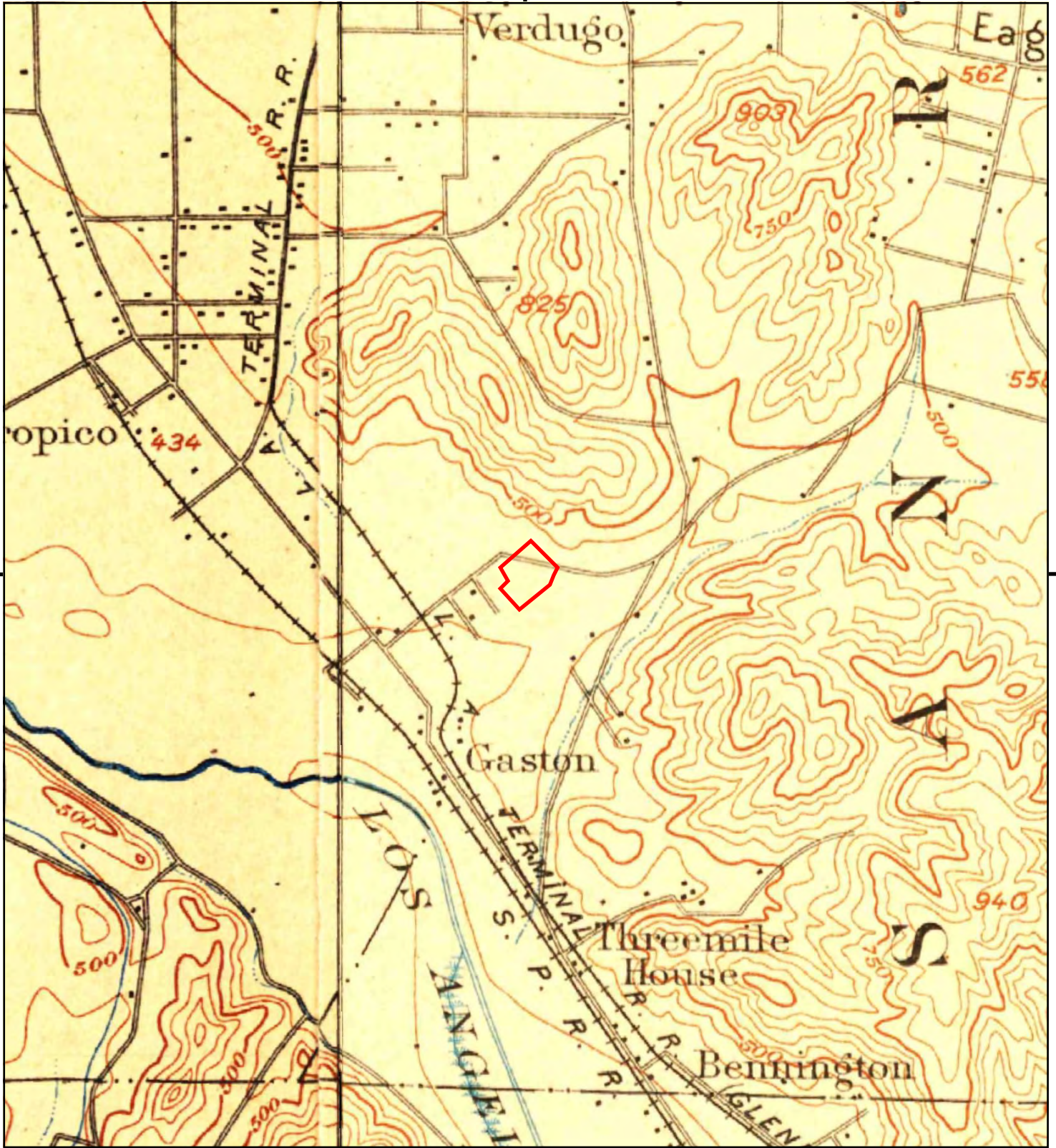
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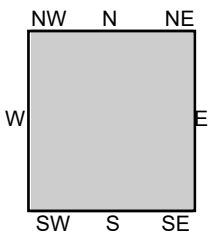
TP, Glendale, 1928, 7.5-minute
S, Los Angeles, 1928, 7.5-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





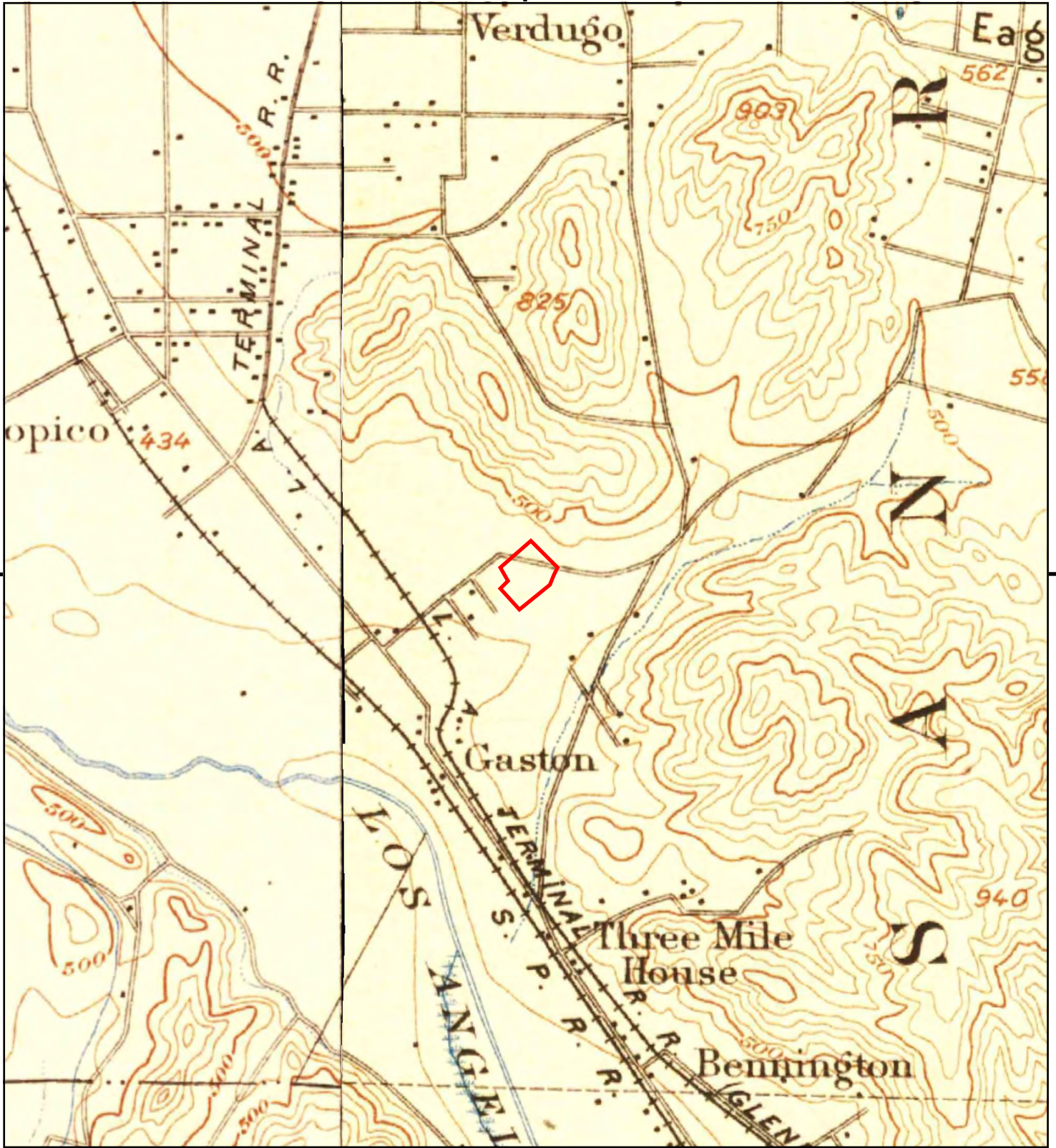
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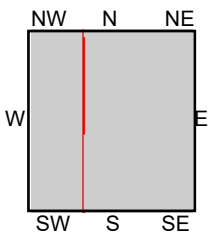
TP, Pasadena, 1900, 15-minute
 TP, Los Angeles, 1900, 15-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





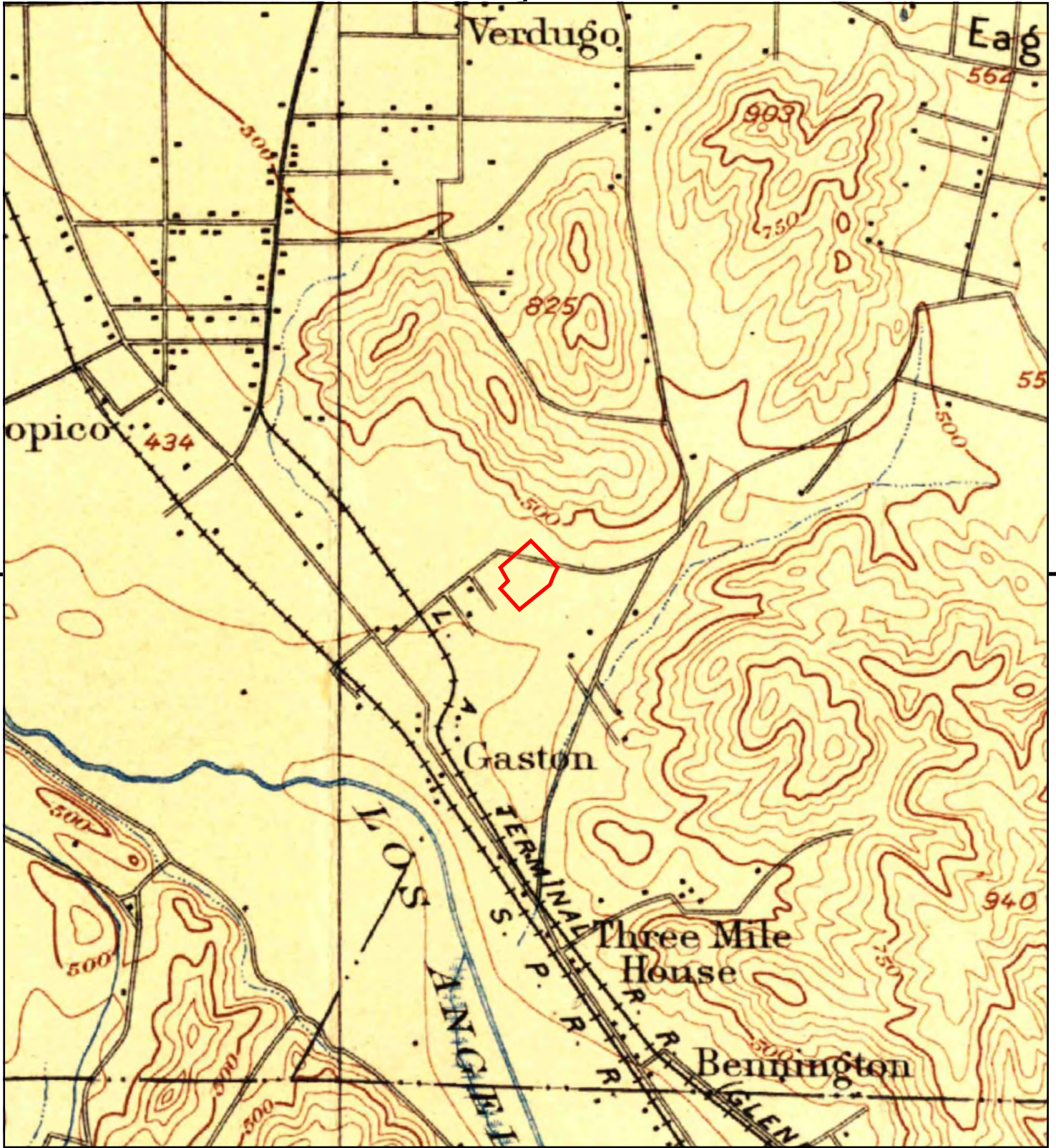
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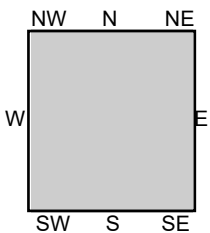
TP, Pasadena, 1896, 15-minute
 W, Santa Monica, 1896, 15-minute

SITE NAME: Washington Irving Magnet School
ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
CLIENT: Eco & Associates, Inc.





This report includes information from the following map sheet(s).



TP, Los Angeles, 1894, 15-minute

SITE NAME: Washington Irving Magnet School
 ADDRESS: 3010 Estara Avenue
 Los Angeles, CA 90065
 CLIENT: Eco & Associates, Inc.





Washington Irving Magnet School

3010 Estara Avenue

Los Angeles, CA 90065

Inquiry Number: 6841953.11

February 01, 2022

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/01/22

Site Name:

Washington Irving Magnet Sch
3010 Estara Avenue
Los Angeles, CA 90065
EDR Inquiry # 6841953.11

Client Name:

Eco & Associates, Inc.
18231 Irvine Blvd Suite 204
Tustin, CA 92780
Contact: Janet Holtz



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 06, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1981	1"=500'	Flight Date: February 17, 1981	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: February 05, 1979	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: August 15, 1964	USGS
1952	1"=500'	Flight Date: August 02, 1952	USGS
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 06, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

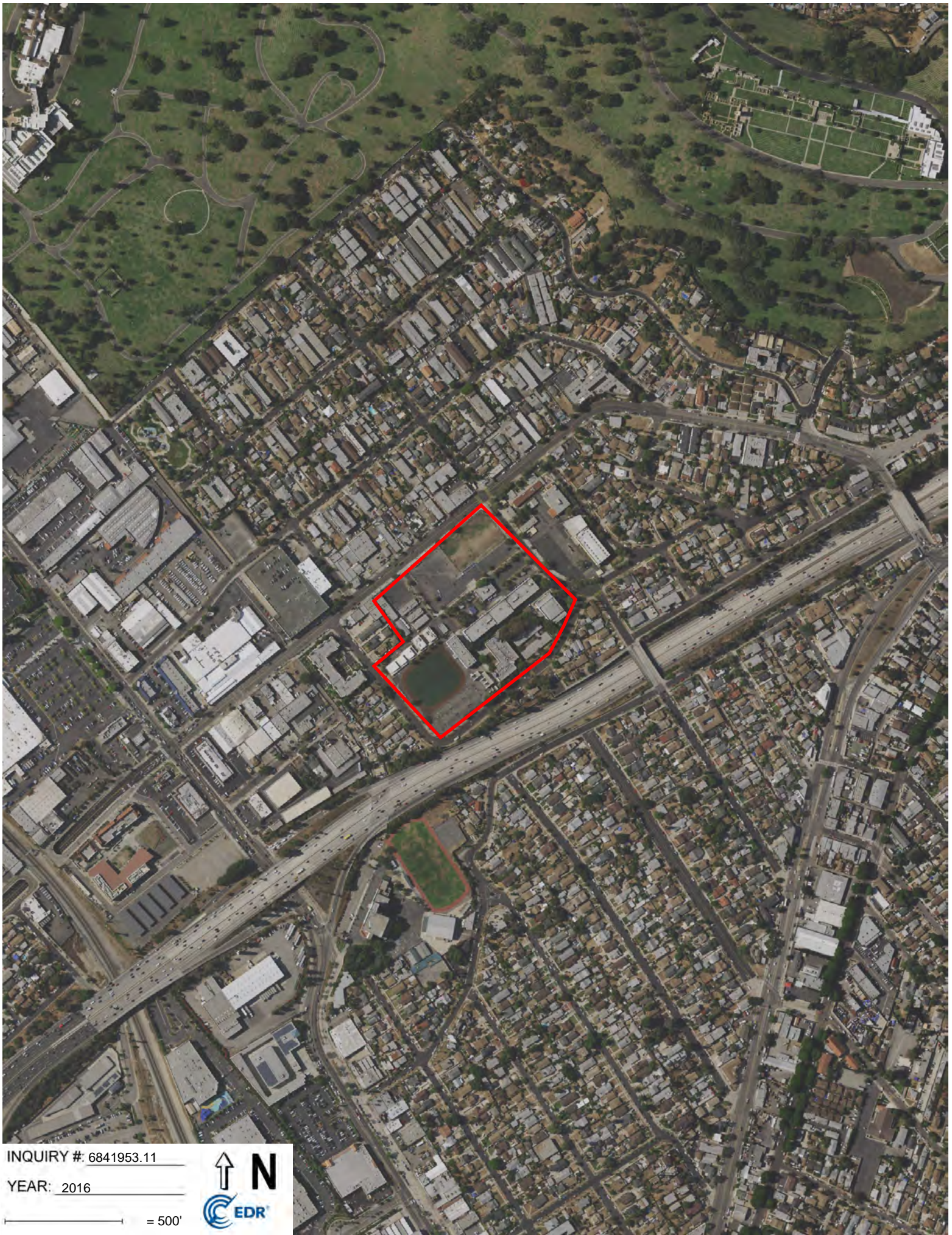
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INQUIRY # 6841953.11

YEAR: 2016

— = 500'





INQUIRY #: 6841953.11

YEAR: 2012

— = 500'





INQUIRY #: 6841953.11

YEAR: 2009

— = 500'



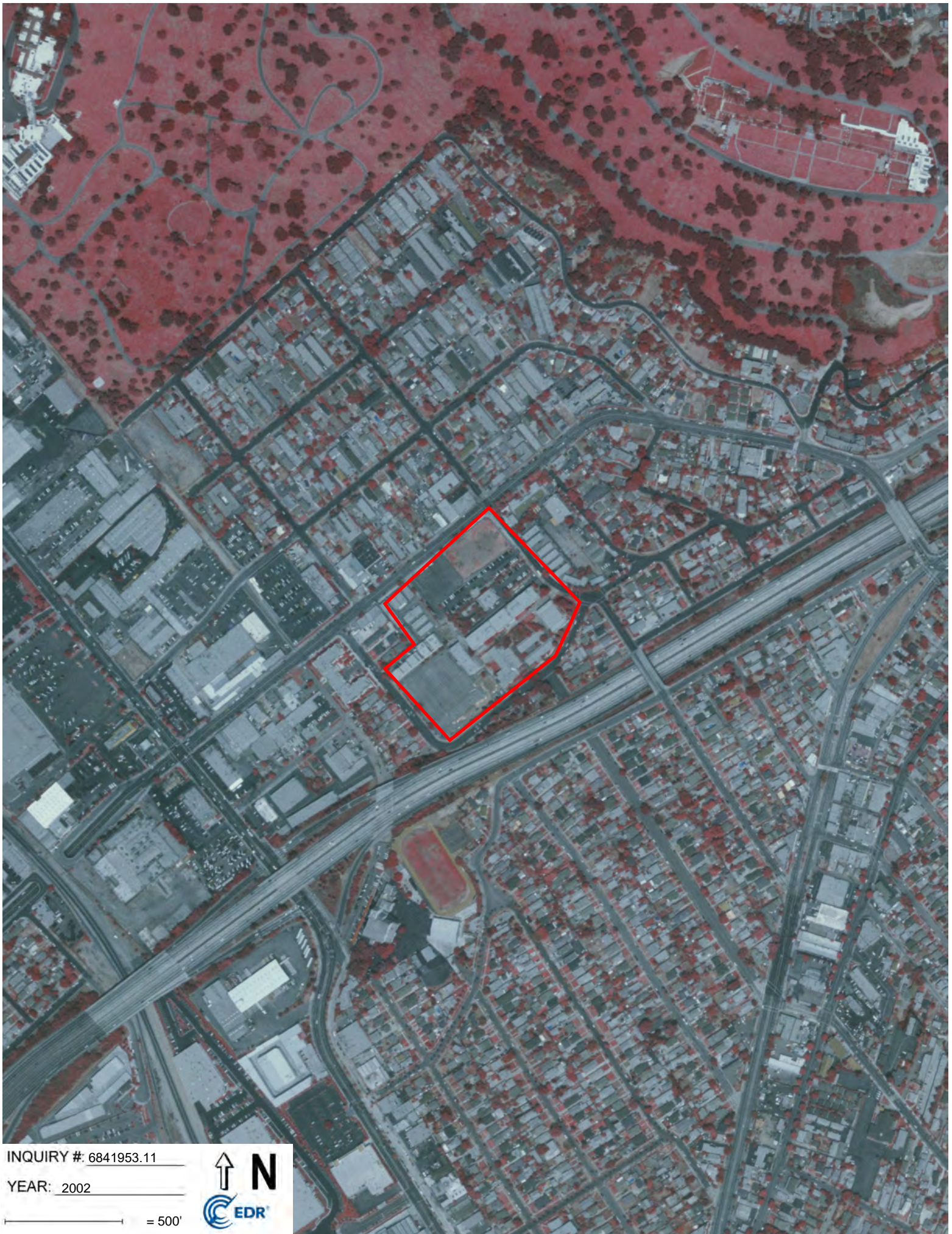


INQUIRY #: 6841953.11

YEAR: 2005

— = 500'



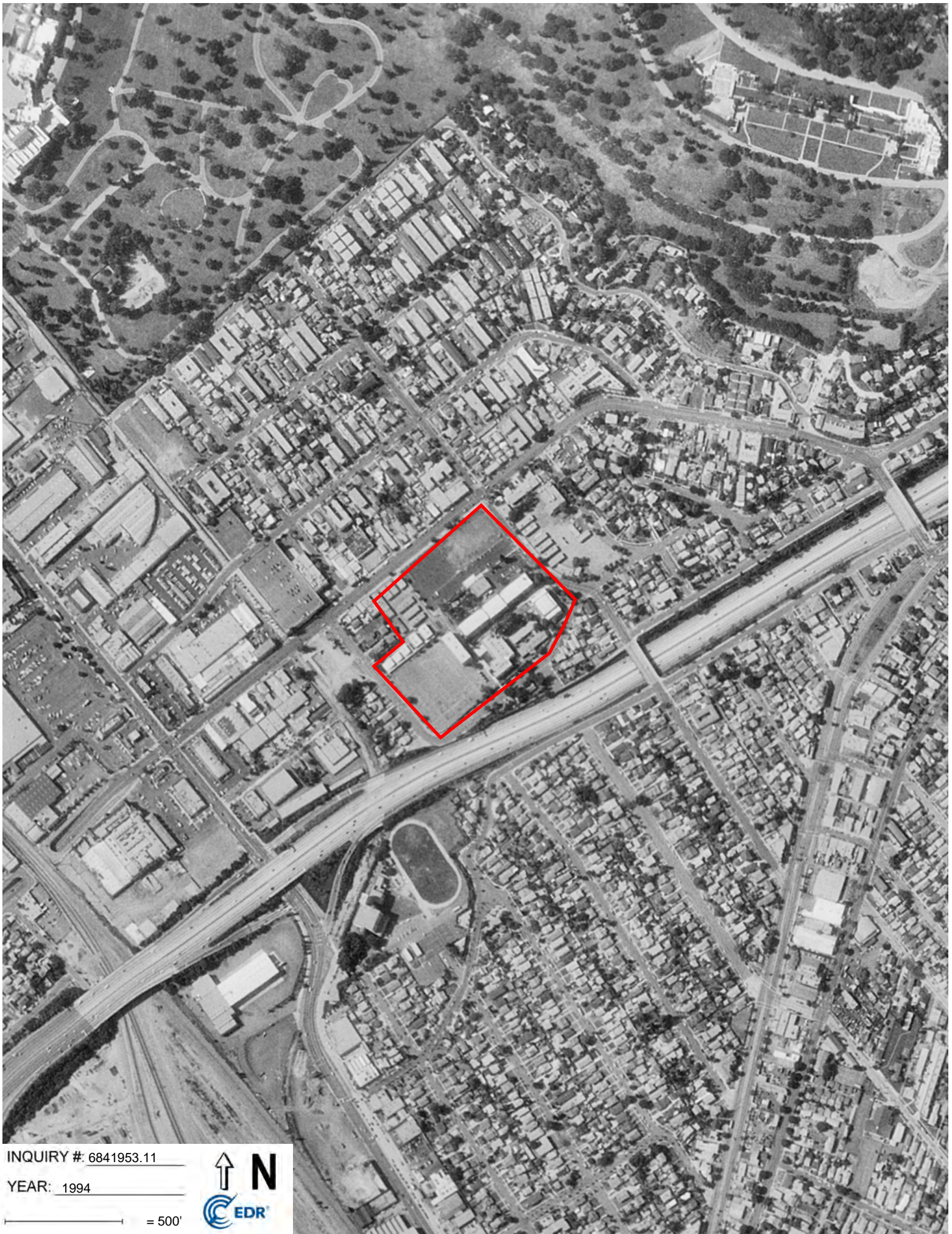


INQUIRY #: 6841953.11

YEAR: 2002

— = 500'





INQUIRY #: 6841953.11

YEAR: 1994

— = 500'



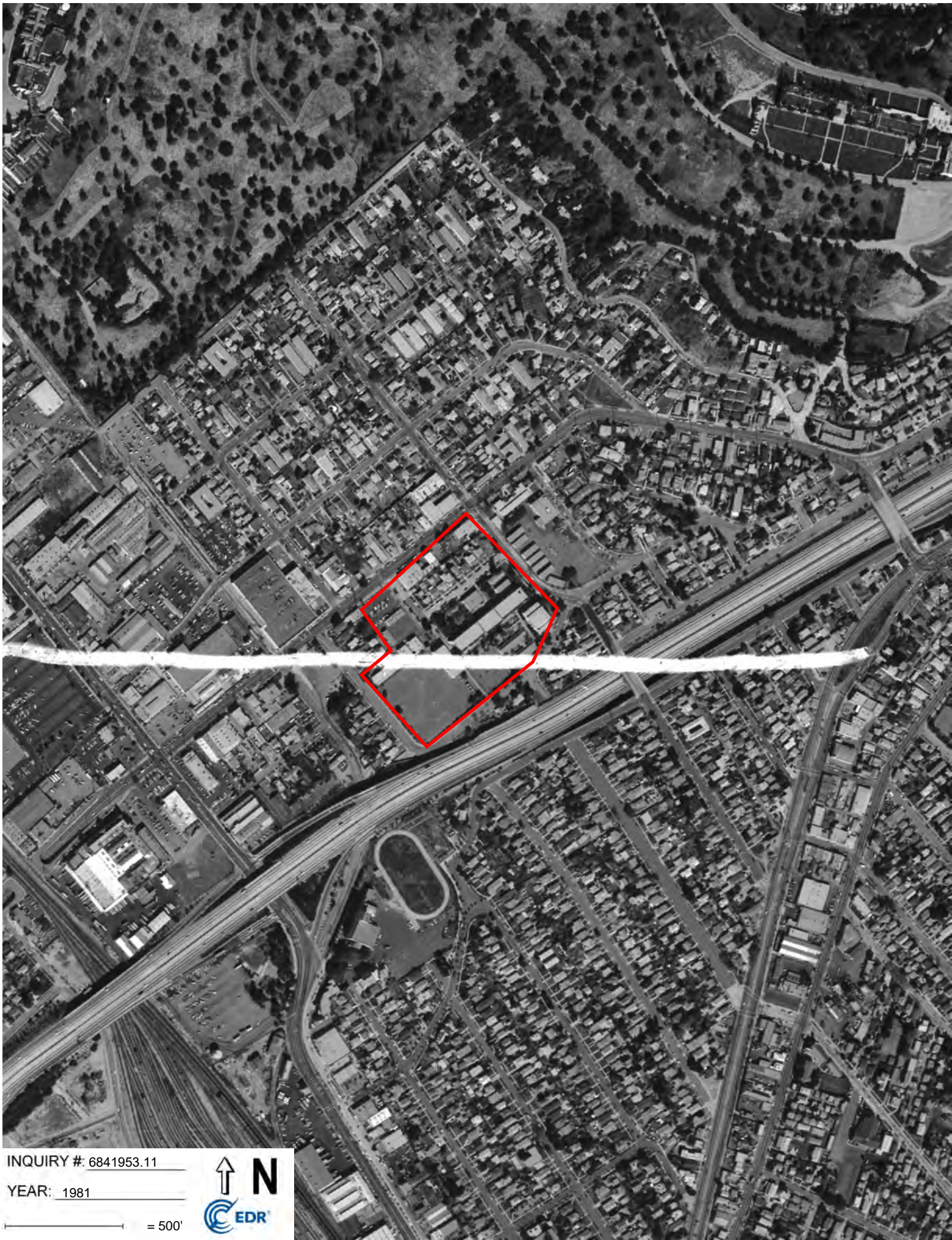


INQUIRY #: 6841953.11

YEAR: 1989

— = 500'





INQUIRY #: 6841953.11

YEAR: 1981

— = 500'





INQUIRY #: 6841953.11

YEAR: 1979

— = 500'





INQUIRY #: 6841953.11

YEAR: 1977

— = 500'





INQUIRY # 6841953.11

YEAR: 1964

— = 500'





INQUIRY #: 6841953.11

YEAR: 1952

— = 500'



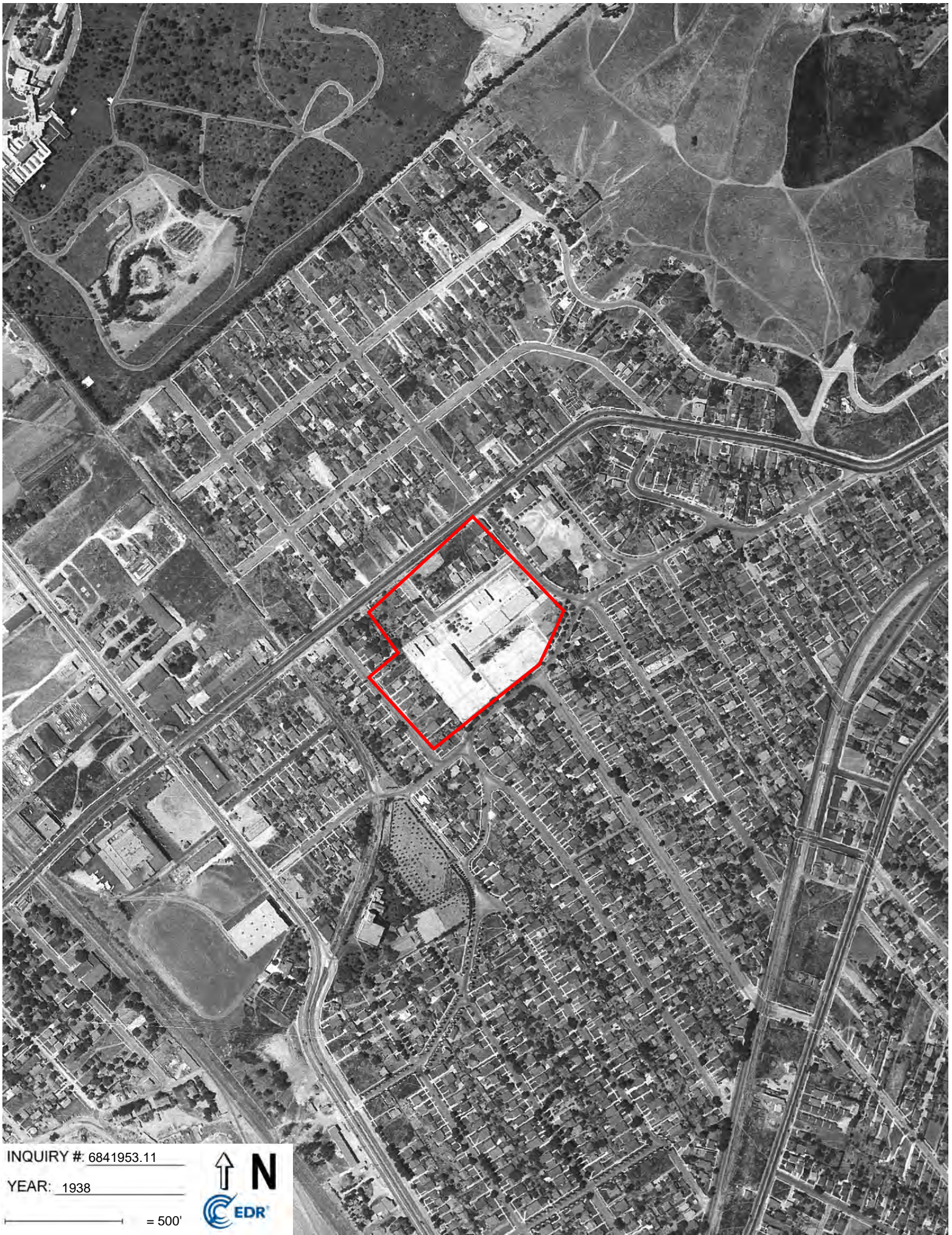


INQUIRY #: 6841953.11

YEAR: 1948

— = 500'





INQUIRY # 6841953.11

YEAR: 1938

— = 500'





INQUIRY #: 6841953.11

YEAR: 1928

— = 500'





INQUIRY #: 6841953.11

YEAR: 1923

— = 500'



Washington Irving Magnet School

3010 Estara Avenue
Los Angeles, CA 90065

Inquiry Number: 6841953.5

February 01, 2022

The EDR-City Directory Abstract

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Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2015. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2015	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1994	Cole Information Services	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1980	Pacific Telephone Co	-	-	-	-
1976	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	X	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	X	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	X	X	X	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
	Pacific Telephone & Telegraph Co.	X	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3010 Estara Avenue
Los Angeles, CA 90065

FINDINGS DETAIL

Target Property research detail.

ESTARA AVE

3010 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	CELERITY OCTAVIA CHARTER SCHOOL	Cole Information Services
	IRVING MIDDLE SCHOOL	Cole Information Services
2009	WASHINGTON IRVING MIDDLE SCHOOL	Cole Information Services
2006	HIGH SCHOOL	Haines Company, Inc.
	IRVING JUNIOR	Haines Company, Inc.
2004	WASHINGTON IRVING MIDDLE SCHL	Cole Information Services
2000	ALFA 26 CONSTRUCTION CO	Haines & Company
	IRVING JR HI SCHOOL	Haines & Company
1999	IRVING JUNIOR HIGH SCHOOL	Cole Information Services
1994	WASHINGTON IRVING JR HIGH SCHL	Cole Information Services
1990	IRVING JUNIOR HIGH SCHOOL	Pacific Bell
1986	IRVING JUNIOR HIGH SCHOOL	Pacific Bell
1981	IRVING JUNIOR HIGH SCHOOL	Pacific Telephone
1976	Irving Junior High School	Pacific Telephone
1971	Irving Junior High School	Pacific Telephone
1967	Irving Jr High School	Pacific Telephone
1962	Irving Jr High School	Pacific Telephone
1958	Irving Jr High School	Pacific Telephone
1951	Estara Av Los Angeles City Board of Education Irving Junior High School	Pacific Telephone & Telegraph Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AVENUE 34 W

3017 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	GUZMAN Norma	Haines & Company

3021 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PARRA Oscar Mauro	Haines & Company

3025 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CASTRO Anita	Haines & Company

3031 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PINTO Raul	Haines & Company
	PINTO Herbert	Haines & Company

3037 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PINA R	Haines & Company
	AVINA Ricardo	Haines & Company
	CONTE Carlos	Haines & Company

3039 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	PAHED Benito	Haines & Company
	BAYACA Gregono	Haines & Company

3043 AVENUE 34 W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

FINDINGS

ESTARA AVE

2946 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	AURA GONZALEZ	Cole Information Services
2006	s PANNARALE Joseph	Haines Company, Inc.
2004	JOSEPH PANNARALE	Cole Information Services
2000	PANNARALE Joseph	Haines & Company
1999	AURA GONZALEZ	Cole Information Services
1951	Estara Av Keating Edw Mr	Pacific Telephone & Telegraph Co.
1942	Keating Edw M Agnes slsmn	Los Angeles Directory Co.
1937	Keating Edw M Agnes M slsmn Prudential Ins Co	Los Angeles Directory Co.
1933	Keating Edw M Agnes ins agt	Los Angeles Directory Co.
1929	Keating Edw M Agnes ins agt	Los Angeles Directory Co.
1924	Van Dyne Fred ins h	Los Angeles Directory Co.
	Van Duyne Agnes Mrs slsw mn r	Los Angeles Directory Co.
	Van Duyne Fredk H clk r	Los Angeles Directory Co.

2953 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2006	FUESS Ella	Haines Company, Inc.
2004	ELLA FUESS	Cole Information Services
2000	FUESS E	Haines & Company
1994	FUESS, E	Cole Information Services
1990	FUESS E	Pacific Bell
1986	FUESS E	Pacific Bell
1981	E	Pacific Telephone
1951	Estara Av Malaznick Peter r	Pacific Telephone & Telegraph Co.
1937	FREEMAN Geo L tchr City Sch	Los Angeles Directory Co.
1929	FREEMAN Geo L tchr City Sch	Los Angeles Directory Co.
1924	Winchester David B carp h	Los Angeles Directory Co.
	Winchester John Mr	Los Angeles Directory Co.

FINDINGS

2986 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MESSNER John	Haines & Company

3003 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	LINDSAY Alex formn carp L A Gas & Elec Corp h	Los Angeles Directory Co.

3011 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	ENGLAND Walter S lieut detectives h	Los Angeles Directory Co.

3025 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	VOSS Mabel steno r	Los Angeles Directory Co.

3046 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Juarez Angel	Pacific Telephone
1951	Estara Av Trice C W r	Pacific Telephone & Telegraph Co.
1942	Seaton Andw R L Grace Mastarbilt Coach Trailer Co	Los Angeles Directory Co.
	Seaton Lorene H	Los Angeles Directory Co.

3049 ESTARA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Estara Avenue School	Los Angeles Directory Co.
1924	Estara Avenue School	Los Angeles Directory Co.

MARGUERITE

3312 MARGUERITE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	KRAUS EARL	Pacific Telephone

FINDINGS

3314 MARGUERITE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PABLO PAMELA	Pacific Bell

3330 MARGUERITE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SARMIENTO GLENDA M	Pacific Bell

3334 MARGUERITE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SARMIENTO GLENDA M	Pacific Bell

MARGUERITE ST

3312 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSEFINA RUBENAKER	Cole Information Services
2009	JOSEFINA RUBENAKER	Cole Information Services
2006	a RUBENAKERJosefina	Haines Company, Inc.
2004	JOSEFINA RUBENAKER	Cole Information Services
2000	QUEVEDO Sixto	Haines & Company
1999	JOSEFINA RUBENAKER	Cole Information Services
1971	Cordova Nianor	Pacific Telephone
1967	Crutcher Hugh F	Pacific Telephone
1962	Crutcher Hugh F	Pacific Telephone
1958	Garner Earl J	Pacific Telephone
1951	Marguerite Berger Harry S r	Pacific Telephone & Telegraph Co.
1942	Baumgarten Arth Ruth L steelw kr	Los Angeles Directory Co.
1937	Baumgarten Arth W Ruth msngr	Los Angeles Directory Co.
1933	EWING Saml W Loretta clk	Los Angeles Directory Co.
1929	Horton Clyde A Eliz knitter	Los Angeles Directory Co.
	PENCE Nellie A	Los Angeles Directory Co.
	PENCE Wm J Lillian pdlr	Los Angeles Directory Co.
	SHELTON Pearl wid Ezra Indyw kr r	Los Angeles Directory Co.
	Snodgrass Arth E clk r	Los Angeles Directory Co.
	TAYLOR Mabel wid R I slsldy r	Los Angeles Directory Co.

FINDINGS

3314 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	DAVID MEDAL	Cole Information Services
2009	LUIS VALENZUELA	Cole Information Services
2006	LOPEZMarltha	Haines Company, Inc.
2004	MARTHA LOPEZ	Cole Information Services
2000	XXXX	Haines & Company
1999	LUIS VALENZUELA	Cole Information Services
1962	Nielson Loren	Pacific Telephone
1951	Marguerite Baumgarten A r	Pacific Telephone & Telegraph Co.
1942	Berger Edythe R emp Parmelee Dohrmann Co	Los Angeles Directory Co.
	BERGER Harry S clk	Los Angeles Directory Co.
1937	SMITH Danl J Vera driver	Los Angeles Directory Co.
1933	SCHILLING R T	Los Angeles Directory Co.
1929	Bartow Billy B stamp mounter	Los Angeles Directory Co.
	Bartow Blanche	Los Angeles Directory Co.

3318 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ROBERT ALMEIDA	Cole Information Services
2009	ERIC ALDERFER	Cole Information Services
2006	ALDERFEREdc	Haines Company, Inc.
2004	BRANIO FRANCISCO	Cole Information Services
2000	FRANCISCO Branio	Haines & Company
1999	ERIC ALDERFER	Cole Information Services
1971	Osborn J L	Pacific Telephone
1967	Shulman C	Pacific Telephone
1962	Maggetti Ruby Slavik	Pacific Telephone
	Maggetti Wm	Pacific Telephone
1958	Slavik Ruby	Pacific Telephone
1951	Marguerite Van Duyne Frederick H r	Pacific Telephone & Telegraph Co.
1942	Van Duyne Fredk H Agnes clk	Los Angeles Directory Co.
1937	SCHULTZ Albt E Ivern meats	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1933	BRYAN Eustace W Rose lab	Los Angeles Directory Co.
1929	Van Duyne Agnes Mrs slsldy r	Los Angeles Directory Co.
	Van Duyne Frank H slsmn h	Los Angeles Directory Co.
	Van Duyne Fredk H clk r	Los Angeles Directory Co.

3330 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ACE BALLADA	Cole Information Services
2009	GLEND A BALLADA	Cole Information Services
2004	ACE BALLADA	Cole Information Services
1999	GLEND A BALLADA	Cole Information Services
1976	Fagfoomsintu T	Pacific Telephone
1971	Jones Brack	Pacific Telephone
1967	Schulze A E	Pacific Telephone
1962	Schulze A E	Pacific Telephone
1958	Schulze A E	Pacific Telephone
1951	Marguerite Schulze A E r	Pacific Telephone & Telegraph Co.
1942	SCHULZE Albt E Ivern E meats	Los Angeles Directory Co.
1933	French Arth P Emma pntr	Los Angeles Directory Co.
1929	Schulze Albt E Ivern h	Los Angeles Directory Co.
1924	SCHULZE Albt E Schulze Bros h	Los Angeles Directory Co.

3334 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ESMERALDO BALLADA	Cole Information Services
2009	ESMERALDO BALLADA	Cole Information Services
2006	e BALLADA Esrneraldo	Haines Company, Inc.
2004	ESMERALDO BALLADA	Cole Information Services
2000	BALLADA Esmeraldo	Haines & Company
1999	ESMERALDO BALLADA	Cole Information Services

3351 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	r	Los Angeles Directory Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1924	Sanderson Edw d P bkpr R C Olson h	Los Angeles Directory Co.

3362 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	BRENNAN DIGNAN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	SEBASTIAN Shaun	Haines Company, Inc.
	ATIENZA Wtlfredo	Haines Company, Inc.
2004	OCCUPANT UNKNOWN	Cole Information Services
2000	SANTOS Jonathan	Haines & Company
	ATIENZA Wilfredo	Haines & Company
1976	DAlessio Italo Americo	Pacific Telephone
1971	DAlessio Italo Americo	Pacific Telephone
1967	Wheeler Claude M	Pacific Telephone
1962	Wheeler C M	Pacific Telephone
1958	Wheeler C N	Pacific Telephone
1951	Marguerite Wheeler C M r	Pacific Telephone & Telegraph Co.
1942	WHEELER Claude M Mary clo clnr	Los Angeles Directory Co.
1937	Goff Susanne E w id T S	Los Angeles Directory Co.
	WHEELER Jean L bkpr SFN Bank	Los Angeles Directory Co.
1929	WHEELER Claude M Mary clo clnr	Los Angeles Directory Co.
	h	Los Angeles Directory Co.
	GOFF Susan E w id T S	Los Angeles Directory Co.
1924	WHEELER Claude M h	Los Angeles Directory Co.

3366 MARGUERITE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	AIMEE BENELL	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	No Current Listing	Haines Company, Inc.
2004	OCCUPANT UNKNOWN	Cole Information Services
2000	XXXX	Haines & Company
1971	Dolfen M	Pacific Telephone
1967	Dolfen M	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Casteel H W	Pacific Telephone

ROSWELL

3253 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	KOLB CLARENCE	Pacific Bell
1981	KOLB CLARENCE	Pacific Telephone
1942	Mishler Byron W Willetta clk SFRy	Los Angeles Directory Co.
1937	Marcuson Arth Deon	Los Angeles Directory Co.

3257 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	COLLINS EUNICE V	Pacific Bell

3265 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SCOTT RICHAD L	Pacific Bell
1981	SCOTT RICHARD L	Pacific Telephone
1942	Sprague Lloyd N Hazel L potteryw kr	Los Angeles Directory Co.
1937	SPRAGUE Lloyd N Hazel L potter	Los Angeles Directory Co.

3267 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SCOTT OSCAR L	Pacific Bell
1942	Higman Arch Ethel R tchr Pub Sch	Los Angeles Directory Co.
	Higman Ethel R tchr Pub Sch	Los Angeles Directory Co.
1937	Benice Theo S Myrtle F slsmn	Los Angeles Directory Co.

3271 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	PASION BENEFRIDO	Pacific Bell
1981	MAK PAUL	Pacific Telephone
1942	TAYLOR Clayton C Theresa sten LAPD	Los Angeles Directory Co.
1937	Simmons Clifton D Anna G cond	Los Angeles Directory Co.
	CHAPMAN Mary E w id Law rence	Los Angeles Directory Co.

FINDINGS

3275 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	LEAL GERADO	Pacific Bell
1981	LEAL GERADO	Pacific Telephone
1942	ROSS Waland Olive B eng SP Co	Los Angeles Directory Co.

3279 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	OLMOS MIGUEL A	Pacific Telephone
1942	Ostrin Herman Lillian Ostrin Schantz	Los Angeles Directory Co.
1937	Edmiston John T Lillian O cond	Los Angeles Directory Co.
1933	Edmiston John T Lillian mtrmn	Los Angeles Directory Co.

3289 ROSWELL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FONG CHAK M	Pacific Bell
1981	CHANG WINNIE	Pacific Telephone
1942	FOX Geo S Verna K baker	Los Angeles Directory Co.

ROSWELL ST

3253 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Kolb Clarence	Pacific Telephone
1958	Kolb Claurence	Pacific Telephone

3257 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Collins Eunice V	Pacific Telephone
1958	Shellock Frank	Pacific Telephone
1951	Rosw I Shellock Frank r	Pacific Telephone & Telegraph Co.

3261 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Hindman Martin A	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Murray Walter J	Pacific Telephone
1951	Rosw I Allen Gilbert L r	Pacific Telephone & Telegraph Co.

3265 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Scott Richard L	Pacific Telephone
1958	Hayden Josephine B	Pacific Telephone
1951	Rosw I Hayden Josephine B r	Pacific Telephone & Telegraph Co.

3267 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1958	Del Frascia Robt	Pacific Telephone
1951	Rosw I Del Francia Robt r	Pacific Telephone & Telegraph Co.

3271 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Zavala Concrete Construction	Pacific Telephone
	Zavala Sam	Pacific Telephone
1958	Zavala Sam	Pacific Telephone
1951	Rosw I Miller Bert I r	Pacific Telephone & Telegraph Co.

3275 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Leal Gerado	Pacific Telephone
1958	Stanley R E	Pacific Telephone
1951	Rosw I Stanley R E r	Pacific Telephone & Telegraph Co.

3279 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Mendoza Rose A	Pacific Telephone
1958	Milliken Jesse L	Pacific Telephone
1951	Rosw I Milliken Jesse L r	Pacific Telephone & Telegraph Co.

FINDINGS

3281 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Walford Maxine	Pacific Telephone
1951	Rosw l Walford Maxine r	Pacific Telephone & Telegraph Co.

3285 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Anaya Antonio	Pacific Telephone
1951	Rosw l Magin Irene r	Pacific Telephone & Telegraph Co.

3287 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Ollis Roy T	Pacific Telephone
1951	Rosw l Garcia D B r	Pacific Telephone & Telegraph Co.

3289 ROSWELL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Valdez Frank J	Pacific Telephone
1951	Rosw l Spinoglio Margherita	Pacific Telephone & Telegraph Co.

W 34

3033 W 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	SAGUCIO SALVACION	Pacific Bell

3037 W 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PIMIENTA ALFREDO	Pacific Bell

3039 W 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PAHED BENITO	Pacific Bell

3041 W 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CARDENAS JESUS	Pacific Bell

FINDINGS

3043 W 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	FLORES ROQUE	Pacific Bell

W AVENUE 34

3017 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	ANTELMA HERNANDEZ	Cole Information Services
2009	NORMA GUZMAN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	NORMA GUZMAN	Cole Information Services
1994	HERNANDEZ, CAMILO	Cole Information Services

3019 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	FABIAN GUZMAN	Cole Information Services
2009	NORMA GUZMAN	Cole Information Services
1999	NORMA GUZMAN	Cole Information Services

3021 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	OCCUPANT UNKNOWN	Cole Information Services
2006	Francisco C GUTIERREZ	Haines Company, Inc. Haines Company, Inc.
2004	FRANCISCO GUTIEREZ	Cole Information Services

3025 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	SAMUEL VELAZQUEZ	Cole Information Services
2009	CESAR VELAZQUEZ	Cole Information Services
2006	VELAZQUEZ Samuel VELAZQUEZ Cesar	Haines Company, Inc. Haines Company, Inc.
2004	SAMUEL VELAZQUEZ	Cole Information Services
1999	CESAR VELAZQUEZ	Cole Information Services

FINDINGS

3031 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JOSE MEZANO	Cole Information Services
2006	GUTIERRE Ignacio	Haines Company, Inc.
2004	RAUL PINTO	Cole Information Services
1994	HERNANDEZ, JAVIER	Cole Information Services

3033 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	MAURA CORREA	Cole Information Services
2009	ANDREA BELTRAN	Cole Information Services
2006	No Current Listing	Haines Company, Inc.
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	ANDREA BELTRAN	Cole Information Services

3037 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	PABLO FLORES	Cole Information Services
	BIANCA AVINA	Cole Information Services
	IRMA CASTRO	Cole Information Services
	RANFERI PINA	Cole Information Services
	MAUROSALVADOR IRMA	Cole Information Services
2009	SYLVIA GARCIA	Cole Information Services
	PABLO FLORES	Cole Information Services
	BIANCA AVINA	Cole Information Services
	ADRIANA MONREAL	Cole Information Services
	RANFERI PINA	Cole Information Services
2006	FLORES Rosino	Haines Company, Inc.
	PABLO Flores	Haines Company, Inc.
	Santos	Haines Company, Inc.
2004	CECILIA PEREYRA	Cole Information Services
	BIANCA AVINA	Cole Information Services
	PABLO FLORES	Cole Information Services
	TOM ANDREW	Cole Information Services
	LAURA SMITH	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	ADRIANA MONREAL	Cole Information Services
	BIANCA AVINA	Cole Information Services
	SYLVIA GARCIA	Cole Information Services
	PABLO FLORES	Cole Information Services
	RANFERI PINA	Cole Information Services

3039 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	JAMES BAYLISS	Cole Information Services
	PERNA CASTILLO	Cole Information Services
2009	AQUILLO DUENAS	Cole Information Services
	TOMMY AVALO	Cole Information Services
	OPHELIA PAHED	Cole Information Services
	TERRY DELRIO	Cole Information Services
2006	PAHED Ophelia	Haines Company, Inc.
2004	BENITO PAHED	Cole Information Services
1999	TERRY DELRIO	Cole Information Services
	AQUILLO DUENAS	Cole Information Services
	OPHELIA PAHED	Cole Information Services
	TOMMY AVALO	Cole Information Services
1994	PAHED, BENITO	Cole Information Services

3041 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	RYAN RODRIGUEZ	Cole Information Services
2009	ADAM JACOBO	Cole Information Services
2006	o JACOBO dan	Haines Company, Inc.
2004	ADAM JACOBO	Cole Information Services
1999	ADAM JACOBO	Cole Information Services

3043 W AVENUE 34

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2015	OCCUPANT UNKNOWN	Cole Information Services
2009	PERNA CASTILLO	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	PERNA CASTILLO	Cole Information Services

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
2946 ESTARAAVE	2015, 2009, 2004, 2003, 2001, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
2946 ESTARAAVE	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2953 ESTARAAVE	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2953 ESTARAAVE	2015, 2009, 2004, 2003, 2001, 1999, 1996, 1995, 1994, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
2986 ESTARAAVE	2015, 2009, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3003 ESTARAAVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3011 ESTARAAVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
3017 AVENUE 34 W	2015, 2009, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched

3362 MARGUERITE ST

Address Not Identified in Research Source

2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

3366 MARGUERITE ST

2015, 2009, 2004, 2003, 2001, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

3366 MARGUERITE ST

2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

3010 Estara Avenue

Address Not Identified in Research Source

2003, 2001, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

Washington Irving Magnet School

3010 Estara Avenue
Los Angeles, CA 90065

Inquiry Number: 6841953.8

February 01, 2022

EDR Building Permit Report

Target Property and Adjoining Properties

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Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Eco & Associates, Inc. on Feb 01, 2022.

TARGET PROPERTY

3010 Estara Avenue
Los Angeles, CA 90065

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Los Angeles

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2021	City of Los Angeles, Department of Building and Safety		X
2020	City of Los Angeles, Department of Building and Safety		X
2019	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
2018	City of Los Angeles, Department of Building and Safety		X
2017	City of Los Angeles, Department of Building and Safety		X
2016	City of Los Angeles, Department of Building and Safety		X
2015	City of Los Angeles, Department of Building and Safety		X
2014	City of Los Angeles, Department of Building and Safety		X
2013	City of Los Angeles, Department of Building and Safety		X
2012	City of Los Angeles, Department of Building and Safety		X
2011	City of Los Angeles, Department of Building and Safety		X
2010	City of Los Angeles, Department of Building and Safety		X
2009	City of Los Angeles, Department of Building and Safety		X
2008	City of Los Angeles, Department of Building and Safety		X
2007	City of Los Angeles, Department of Building and Safety		X
2006	City of Los Angeles, Department of Building and Safety		X
2005	City of Los Angeles, Department of Building and Safety		X
2004	City of Los Angeles, Department of Building and Safety		X
2003	City of Los Angeles, Department of Building and Safety		X
2002	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
2001	City of Los Angeles, Department of Building and Safety		X
2000	City of Los Angeles, Department of Building and Safety		X
1999	City of Los Angeles, Department of Building and Safety		X
1998	City of Los Angeles, Department of Building and Safety		X
1997	City of Los Angeles, Department of Building and Safety		X
1996	City of Los Angeles, Department of Building and Safety		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
1950	City of Los Angeles, Department of Building and Safety		
1949	City of Los Angeles, Department of Building and Safety		
1948	City of Los Angeles, Department of Building and Safety		
1947	City of Los Angeles, Department of Building and Safety		
1946	City of Los Angeles, Department of Building and Safety		
1945	City of Los Angeles, Department of Building and Safety		
1944	City of Los Angeles, Department of Building and Safety		
1943	City of Los Angeles, Department of Building and Safety		
1942	City of Los Angeles, Department of Building and Safety		
1941	City of Los Angeles, Department of Building and Safety		
1940	City of Los Angeles, Department of Building and Safety		
1939	City of Los Angeles, Department of Building and Safety		
1938	City of Los Angeles, Department of Building and Safety		
1937	City of Los Angeles, Department of Building and Safety		
1936	City of Los Angeles, Department of Building and Safety		
1935	City of Los Angeles, Department of Building and Safety		
1934	City of Los Angeles, Department of Building and Safety		
1933	City of Los Angeles, Department of Building and Safety		
1932	City of Los Angeles, Department of Building and Safety		
1931	City of Los Angeles, Department of Building and Safety		
1930	City of Los Angeles, Department of Building and Safety		
1929	City of Los Angeles, Department of Building and Safety		
1928	City of Los Angeles, Department of Building and Safety		
1927	City of Los Angeles, Department of Building and Safety		
1926	City of Los Angeles, Department of Building and Safety		
1925	City of Los Angeles, Department of Building and Safety		
1924	City of Los Angeles, Department of Building and Safety		
1923	City of Los Angeles, Department of Building and Safety		
1922	City of Los Angeles, Department of Building and Safety		
1921	City of Los Angeles, Department of Building and Safety		
1920	City of Los Angeles, Department of Building and Safety		
1919	City of Los Angeles, Department of Building and Safety		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Los Angeles
Years: 1919-2021
Source: City of Los Angeles, Department of Building and Safety, LOS ANGELES, CA
Phone: (213) 482-6800

Name: Brentwood
Years: 1974-2020
Source: City of Brentwood, Building and Code Enforcement, BRENTWOOD, CA
Phone: (925) 516-5405

Name: Burbank
Years: 1970-2021
Source: City of Burbank, Building Division, BURBANK, CA
Phone: (818) 238-5220

Name: Los Angeles County
Years: 1970-2021
Source: Los Angeles County, Building and Safety, SANTA FE SPRINGS, CA
Phone: (626) 458-6368

Name: Rialto
Years: 1981-2020
Source: City of Rialto, Building and Safety, RIALTO, CA
Phone: (909) 820-2505

Name: San Bernardino County
Years: 1970-2021
Source: San Bernardino County, Land Use, Building & Safety, FONTANA, CA
Phone: (909) 387-8311

Name: Santa Monica
Years: 1979-2021
Source: City of Santa Monica, Building and Safety, SANTA MONICA, CA
Phone: (310) 458-8355

Name: Huntington Beach
Years: 1964-2021
Source: Huntington Beach, Dept. of Building and Safety, HUNTINGTON BEACH, CA
Phone: (714) 536-5241

Name: Inglewood
Years: 1988-2018
Source: City of Inglewood, Planning Division, INGLEWOOD, CA
Phone: (310) 412-5230

Name: Baldwin Park
Years: 1992-2021
Source: Baldwin Park, Building and Safety, BALDWIN PARK, CA
Phone: (626) 813-5265

Name: West Hollywood
Years: 1989-2021
Source: City of West Hollywood, Building and Safety, LOS ANGELES, CA
Phone: 323-848-6320

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

**3010 Estara Avenue
Los Angeles, CA 90065**

3010 ESTARA AVE

Date: **8/5/2019**
Permit Type:
Description:
Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 190412000030317
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: POWER PLUS, BRAY S R LLC

Date: **5/10/2002**
Permit Type:
Description: **No Plan Check 100 AMP CTS**
Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 020412000010005
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: NATIONAL CONSTRUCTION RENTALS

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

ESTARA AVE

2932 ESTARA AVE

Date: **5/15/2019**

Permit Type:

Description:

Permit Description: **Plumbing**

Work Class:

Proposed Use: Apartment

Permit Number: 190429000011414

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: HUNTER BOB PLUMBING

Date: **10/1/2002**

Permit Type:

Description: **No Plan Check RE-ROOF THE TRIPLEX, INSTALLING 30 YR. (CLASS "A")
COMPOSITION SHINGLE (NO PLYWOOD).**

Permit Description: **Bldg-Alter/Repair**

Work Class:

Proposed Use: Apartment Apartment

Permit Number: 020161000019411

Status:

Valuation: \$3,100.00

Contractor Company:

Contractor Name:

ADJOINING PROPERTY FINDINGS

2940 ESTARA AVE

Date: **9/14/2016**

Permit Type:

Description: **No Plan Check**

Permit Description: **Plumbing**

Work Class:

Proposed Use: 1 or 2 Family Dwelling

Permit Number: 160422000019350

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: M & D PLUMBING INC, L G S COMPLIANCE ALLIANCE RETROFITTING, PRC
MECHANICAL

Date: **11/3/2006**

Permit Type:

Description: **No Plan Check Reroof with 25 sqrs COMP SHINGLE roofing over new solid sheathing.**

Permit Description: **Bldg-Alter/Repair**

Work Class:

Proposed Use: 1 or 2 Family Dwelling Single Family Residence

Permit Number: 060169000022252

Status:

Valuation: \$7,500.00

Contractor Company:

Contractor Name: GUTIERREZA ROOFING CO

ADJOINING PROPERTY FINDINGS

Date: **9/15/1998**
Permit Type:
Description: **Plan Check INSTALL ANCHORS, 25- PIER POST STRAPS & SHEATH CRIPPLE WALLS ... PER LA CITY STD PLAN NO. 1.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 980162000019369
Status:
Valuation: \$4,000.00
Contractor Company:
Contractor Name: WEINSTEIN CONSTRUCTION CORPORATION

2943 ESTARA AVE

Date: **1/8/2014**
Permit Type:
Description: **No Plan Check CHANGE OUT OF WALL HEATER**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 140441000000154
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

2951 ESTARA AVE

Date: **7/28/2016**
Permit Type:
Description: **No Plan Check Add sill plate anchors bolts and cripple wall plywood per L.A. City St**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 160169000017576
Status: Permit Finaled
Valuation: \$3,700.00
Contractor Company:
Contractor Name: AFTER BEFORE CREATIONS INC, THE FOUNDATION WORKS

Date: **4/7/2014**
Permit Type:
Description: **No Plan Check Re-roof garage with Class A or B materi l weighing less than 6 pound per sq. ft.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage
Permit Number: 140162000006587
Status:
Valuation: \$2,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/11/2012**
Permit Type:
Description: **No Plan Check Install direct vent wall furnace.**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 120447000006043
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: BALAM JOSE MANUEL

Date: **2/15/2002**
Permit Type:
Description: **No Plan Check INSTALLATION OF EARTHQUAKE VALVE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 020421000003097
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: DIAZ PLUMBING

Date: **2/15/2002**
Permit Type:
Description: **No Plan Check INSTALLATION OF EARTHQUAKE VALVE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 020421000003099
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: DIAZ PLUMBING

ADJOINING PROPERTY FINDINGS

2953 ESTARA AVE

Date: **5/19/2006**
Permit Type:
Description: **No Plan Check earthquake valve**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 060429000011471
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: PLUMBER JOHN INC

3109 ESTARA AVE

Date: **6/10/2020**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 200419000019563
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: POWER IT ELECTRIC INC

ADJOINING PROPERTY FINDINGS

Date: **8/1/2019**
Permit Type:
Description: **NEW DETACHED 25' X 28' 2-STORY ACCESSORY DWELLING UNIT PER AB 494
AND**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190102000000141
Status: Issued
Valuation: \$131,300.00
Contractor Company:
Contractor Name:

Date: **8/1/2019**
Permit Type:
Description: **DEMO (E) DETACHED GARAGE, REQ'D PARKING PER PERMIT 19010-20000-00141**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage Misc. Bldg or Structure
Permit Number: 1901920000002684
Status: Permit Finaled
Valuation: \$3,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **9/9/2013**
Permit Type:
Description: **No Plan Check Window and door change-out (same size & type) for residential buildings. Dual glazing, labeled and certified by National Fenestration Rating Council (NFRC), is required for doors and windows replaced in all residential buildings, three stories or less, per Section 152(b) of Title 24. New stucco/re-stucco (no new walls added). SEE APPLICATION COMMENTS**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 130161000018471
Status:
Valuation: \$15,000.00
Contractor Company:
Contractor Name:

Date: **8/7/2013**
Permit Type:
Description: **No Plan Check Add sill plate anchors bolts and cripple wall plywood per L.A. City Std. Plan #1; no foundation replacement (EQ hazard reduction per Chapter 92).**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 130169000016038
Status:
Valuation: \$1,500.00
Contractor Company:
Contractor Name: JULIAN CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

3111 ESTARA AVE

Date: **5/4/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 160411000015727
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

Date: **4/13/2016**
Permit Type:
Description: **Plan Check REVISE PERMIT # 15014-10000-04737 TO INCLUDE (E) CRIPPLE WALL REMOVAL**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 150141000104737
Status: Permit Finaled
Valuation: \$2,000.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **12/14/2015**
Permit Type:
Description: **Plan Check NEW DETACHED 1-CAR GARAGE TO REPLACE EXISTING.**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage
Permit Number: 150101000003682
Status: CofO Issued
Valuation: \$22,000.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

Date: **12/14/2015**
Permit Type:
Description: **Plan Check ONE STORY ADDITION & REMODEL FOR SFD: ADD BEDROOM/BATHROOM TO THE REA**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 150141000004737
Status: CofO Issued
Valuation: \$60,000.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

Date: **12/14/2015**
Permit Type:
Description: **No Plan Check PARTIAL Re-roof with Class A or B material weighing less than 6 pound**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 150161000027541
Status: Permit Finaled
Valuation: \$16,000.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **12/14/2015**
Permit Type:
Description: **Plan Check DEMO FOR DETACHED 1-CAR GARAGE BY HANDWRECK**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage Misc. Bldg or Structure
Permit Number: 150191000004144
Status: Permit Finaled
Valuation: \$1,092.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

Date: **12/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 150411000042126
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

Date: **12/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 150441000013255
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: DE LA ROSA CONSTRUCTION

ADJOINING PROPERTY FINDINGS

3117 ESTARA AVE

Date: **8/1/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT WINDOWS-SAME SIZE & TYPE. COMPLY W/ DEPT ORDER DATED 07/13/05. PERMIT WILL EXPIRE 30DAYS FROM ISSUANCE DATE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 050161000015760
Status:
Valuation: \$1,500.00
Contractor Company:
Contractor Name:

Date: **1/23/1998**
Permit Type:
Description: **Plan Check ADDITION OF NEW STORAGE ROOM 28' X 17' ALL CONSTRUCTION DONE PER TYPE V SHEET.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence Warehouse
Permit Number: 980141000000309
Status:
Valuation: \$19,000.00
Contractor Company:
Contractor Name: JASSO'S GENERAL CONTRACTING

ADJOINING PROPERTY FINDINGS

3122 ESTARA AVE

Date: **6/5/1998**
Permit Type:
Description: **Plan Check SFD ADDITION: ENLARGEMENT OF FRONT LIVING ROOM, 14' X 20',
206 SQ. FT CONSTRUCTION PER TYPE V SHEET.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 980141000000852
Status:
Valuation: \$12,000.00
Contractor Company:
Contractor Name:

ESTARA AVE APT 5 # 14

3112 ESTARA AVE APT 5 # 14

Date: **4/30/2019**
Permit Type:
Description:

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 190429000009849
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: SHTERN PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **4/16/2019**
Permit Type:
Description: **SOFT STORY RETROFIT PER LABC CHAPTER 93 USING STEEL CANTILEVER COLUMNS**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 180161000038715
Status: CofC Issued
Valuation: \$45,000.00
Contractor Company:
Contractor Name: RETROFITTING360 INC, PROGRESSIVE HOME REMODELING INC

Date: **7/31/2009**
Permit Type:
Description: **No Plan Check C/O (1) S/W FURN 35K .**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 090441000006817
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

Date: **5/3/2004**
Permit Type:
Description: **No Plan Check CHANGE OUT (3) SINGLE WALL FURANCE & VENT. (APT. #5,6,&15)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 040441000004455
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

FLETCHER DR

3247 FLETCHER DR

Date: **3/18/2011**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #11042-10000-02420 FOR (1) EQ. VALVE AND (1) EXTRA TRIP.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 110421000402420
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

Date: **2/18/2011**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 11042-10002-02420 TO CHANGE ADDRESS FROM 3249 1/4 N. FLETCHER DR. TO 3247-3249 1/2 N. FLETCHER DR. ADDRESS INCLUDED 3247 1/4, 3247 1/2, 3249 & 3249 1/4. & TO ADD ADDITIONAL PLUMBING FIXTURES & (1) WATER HEATERS @ UNIT 3249. SEE COMMENT.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 110421000302420
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **1/26/2004**
Permit Type:
Description: **No Plan Check earthquake valves**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040429000002272
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GAS CONTROL TECHNOLOGIES

3249 FLETCHER DR

Date: **5/24/2011**
Permit Type:
Description: **No Plan Check INSTALLATION OF SMOKE DETECTOR. (REF. W/ PERMIT #11042-10000-02420)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 110411000010579
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **5/13/2011**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 11042-10000-02420 FOR (4) GAS OUTLETS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 110421000602420
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

Date: **2/18/2011**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 11041-10001-02420 TO REPLACE PLUMBING FIXTURES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 110421000202420
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **2/15/2011**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #11042-10000-02420 FOR NEW WATER HEATER AND SPLIT GAS SYSTEM FOR NEW METER.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 110421000102420
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

Date: **2/11/2011**
Permit Type:
Description: **No Plan Check ONE CEILING LAMP. 1 OF 2 (11042-10000-02420).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 110411000002725
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

Date: **2/11/2011**
Permit Type:
Description: **No Plan Check REPLACE WATER LINE. 2 OF 2 (11041-10000-027250).**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 110421000002420
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SAENZ BROS AND CHAVEZ CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **2/1/2011**
Permit Type:
Description: **No Plan Check Replace drywall. (no new walls added)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Single Family Residence
Permit Number: 110161000001921
Status:
Valuation: \$501.00
Contractor Company:
Contractor Name:

Date: **1/21/2011**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 10042-10000-08400 FOR CHANGE OF ADDRESS FROM 3249 1/2 N FLETCHER DR TO 3249 1/4 N FLETCHER DR.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 100421000108400
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ALFARO DOUGLAS G

Date: **5/21/2010**
Permit Type:
Description: **No Plan Check INSTAL A NEW WATER HEATER SPLIT GAS SYSTEM FOR A NEW METER.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 100421000008400
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ALFARO DOUGLAS G

ADJOINING PROPERTY FINDINGS

Date: **6/7/2006**
Permit Type:
Description: **No Plan Check WALL HEATER REPLACEMENT.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 060442000005714
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MORROW & HOLMAN PLUMBING INC

3255 FLETCHER DR

Date: **10/19/2012**
Permit Type:
Description: **No Plan Check CHANGE OUT ELECTRICAL METER & PANEL.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 120411000025069
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

3259 FLETCHER DR

Date: **12/9/2010**
Permit Type:
Description: **No Plan Check Kitchen remodel for residential buildings (no structural changes).
General rehabilitation (No alteration & no structural changes.) (less than 10% of
replacement cost of building) TILE**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 100161000022427
Status:
Valuation: \$1,300.00
Contractor Company:
Contractor Name:

3263 FLETCHER DR

Date: **2/11/2021**
Permit Type:
Description: **Supplemental permit to 19016-10000-27149 to restucco the building, rel**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Restaurant
Permit Number: 190161000127149
Status: Issued
Valuation: \$5,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/25/2020**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use: Commercial

Permit Number: 200419000028199

Status: Issued

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **7/16/2020**

Permit Type:

Description:

Permit Description: **HVAC**

Work Class:

Proposed Use: 1 or 2 Family Dwelling

Permit Number: 200449000006766

Status: Issued

Valuation: \$0.00

Contractor Company:

Contractor Name:

Date: **6/25/2020**

Permit Type:

Description: **INSTALLATION OF (1) TYPE I HOOD**

Permit Description: **HVAC**

Work Class:

Proposed Use: Commercial

Permit Number: 190441000015199

Status: Issued

Valuation: \$0.00

Contractor Company:

Contractor Name: P D P CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **6/17/2020**

Permit Type:

Description:

Permit Description: **Plumbing**

Work Class:

Proposed Use: Commercial

Permit Number: 200421000011003

Status: Issued

Valuation: \$0.00

Contractor Company:

Contractor Name: P D P CONSTRUCTION INC

Date: **6/3/2020**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use: Commercial

Permit Number: 190411000051044

Status: Issued

Valuation: \$0.00

Contractor Company:

Contractor Name: P D P CONSTRUCTION INC

Date: **5/22/2020**

Permit Type:

Description: **CHANGE OF USE FROM SINGLE FAMILY DWELLING TO RESTAURANT. NO EXTERIOR**

Permit Description: **Bldg-Alter/Repair**

Work Class:

Proposed Use: Commercial Single Family Residence Restaurant

Permit Number: 190161000027149

Status: Issued

Valuation: \$105,000.00

Contractor Company:

Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/11/2003**
Permit Type:
Description: **No Plan Check INSTALLED 1 EARTHQUAKE VALVE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 030429000018466
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: PRC MECHANICAL

3281 FLETCHER DR

Date: **5/17/2002**
Permit Type:
Description: **No Plan Check remove and replace rooftop air conditioner**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 020449000004814
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: COASTAL AIR CONDITIONING

ADJOINING PROPERTY FINDINGS

3291 FLETCHER DR

Date: **12/3/1996**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use: Commercial

Permit Number: 960412000003636

Status:

Valuation: \$0.00

Contractor Company:

Contractor Name: AIR TRO INCORPORATED

Date: **12/3/1996**

Permit Type:

Description: **add**

Permit Description: **HVAC**

Work Class:

Proposed Use: Commercial

Permit Number: 960442000001413

Status:

Valuation: \$0.00

Contractor Company:

Contractor Name: AIR TRO INCORPORATED

ADJOINING PROPERTY FINDINGS

3350 FLETCHER DR

Date: **12/15/1998**
Permit Type:
Description: **Plan Check HYDRO ELECTRIC ELEVATOR**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 980461000000584
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

3351 FLETCHER DR

Date: **10/15/2021**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 210411000132671
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: KINETIC ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **6/25/2021**

Permit Type:

Description:

Permit Description: **Plumbing**

Work Class:

Proposed Use: Commercial

Permit Number: 210423000012682

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: NORMCO APPLIANCE SERVICE

Date: **6/25/2021**

Permit Type:

Description:

Permit Description: **HVAC**

Work Class:

Proposed Use: Commercial

Permit Number: 210443000006377

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: NORMCO APPLIANCE SERVICE

Date: **4/8/2002**

Permit Type:

Description: **Plan Check CHANGE OF USE FROM OFFICE TO RETAIL (GROCERY STORE, PRE-PACKED FOOD ONLY) . NO PHYSICAL CONSTRUCTION.**

Permit Description: **Bldg-Alter/Repair**

Work Class:

Proposed Use: Commercial Office Retail

Permit Number: 020161000003829

Status:

Valuation: \$301.00

Contractor Company:

Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/14/2002**
Permit Type:
Description: **No Plan Check DRAIN LINE FOR LAUNDRY TRAY SINK AND CLOSET RING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 020421000005798
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ADVANTAGE PLUMBING

Date: **2/21/2002**
Permit Type:
Description: **No Plan Check INSTALL OUTLET FOR WATER HEATER. (1 OF 2 PERMITS: 02042*10000*03647)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 020411000003693
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: JANDE REPAIRS

Date: **2/21/2002**
Permit Type:
Description: **No Plan Check INSTALL ELECTRIC WATER HEATER, MOP SINK DRAIN, & RUN WATER LANES. (2 OF 2 PERMITS: 02041*10000*03693)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 020421000003647
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: JANDE REPAIRS

ADJOINING PROPERTY FINDINGS

Date: **12/14/2001**
Permit Type:
Description: **No Plan Check INSTALL 1 100AMP COMMERCIAL SERVICE WITH ONE PANEL.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 010411000025898
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GARAFANO ELECTRIC

3389 FLETCHER DR

Date: **7/3/2013**
Permit Type:
Description: **No Plan Check CHANGE OUT (25K) WALL FURN. VENT.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 130441000006897
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

Date: **12/5/2011**
Permit Type:
Description: **No Plan Check Re-roof with Class A or B material weighing less than 6 pound per sq. ft. "Cool Roof" may be required per Title 24, Part 6, Section 149(b), labeled and certified by CRRC per Section 10-111.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment
Permit Number: 110161000023883
Status:
Valuation: \$15,000.00
Contractor Company:
Contractor Name: ROYAL ROOF CO

Date: **8/3/2006**
Permit Type:
Description: **No Plan Check INSTALL CIRCUIT FOR DRYER IN LAUNDRY ROOM**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 060412000019154
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: IZAN ELECTRIC

Date: **10/28/2003**
Permit Type:
Description: **No Plan Check water heater installation change out**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030429000034000
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GENERAL INSTALLATION

ADJOINING PROPERTY FINDINGS

3400 FLETCHER DR

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS UNDER 21043-10000-01300. RISER LOCATION
BEI**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101300
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS UNDER 21043-10000-01301. RISER LOCATION
BEI**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101301
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS UNDER 21043-10000-01303. RISER LOCATION BE**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101303
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS. ARCHITECTURAL CHANGES, RISER LOCATION REV**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101305
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS. ARCHITECTURAL CHANGES, RISER LOCATION REV**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101306
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS. ARCHITECTURAL CHANGES, RISER LOCATION REV**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101307
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS UNDER 21043-10000-01308. Architectural cha**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101308
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS UNDER 21043-10000-01309. Architectural chan**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101309
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/12/2021**
Permit Type:
Description: **REVISION TO APPROVED PLANS UNDER 21043-10000-01310. Architectural chan**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000101310
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D FIRE SPRINKLER SYSTEM. CONNECTION TO 2 INCH DOMESTIC WATER ME**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001279
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D FIRE SPRINKLER SYSTEM. CONNECTION TO 2 INCH DOMESTIC WATER ME**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001280
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2021**
Permit Type:
Description: **NEW NFPA 13D FIRE SPRINKLER SYSTEM. 2 INCH MASTER METER. NO BACKFLOW.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001281
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NEW NFPA 13D FIRE SPRINKLER SYSTEM. 2 INCH MASTER METER. NO BACKFLOW.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001285
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2021**
Permit Type:
Description: **NEW NFPA 13D FIRE SPRINKLER SYSTEM. 2 INCH MASTER METER. NO BACKFLOW.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001286
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NEW NFPA 13D FIRE SPRINKLER SYSTEM. 2 INCH MASTER METER. NO BACKFLOW.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001296
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D FIRE SPRINKLER SYSTEM. CONNECTION TO 2 INCH DOMESTIC WATER ME**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001297
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D FIRE SPRINKLER SYSTEM. CONNECTION TO 2 INCH DOMESTIC WATER ME**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001298
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **Installation of residential sprinklers per NFPA 13D with 1" submeter a**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001299
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2021**
Permit Type:
Description: **Installation of residential sprinklers per NFPA 13D with 1" submeter a**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001300
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **Installation of residential sprinklers per NFPA 13D with 1" submeter a**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001301
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **Installation of residential sprinklers per NFPA 13D with 1" submeter a**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001303
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D SYSTEM. 2" DOMESTIC SITE METER, NO BACKFLOW DEVICE (LOT 13)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001305
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D SYSTEM. 2" DOMESTIC SITE METER, NO BACKFLOW DEVICE (LOT 14)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001306
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D SYSTEM. 2" DOMESTIC SITE METER, NO BACKFLOW DEVICE (LOT 15)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001307
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **5/2/2021**
Permit Type:
Description: **NFPA 13D SYSTEM. 2" DOMESTIC SITE METER, NO BACKFLOW DEVICE (LOT 16)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001308
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NEW NFPA 13D FIRE SPRINKLER SYSTEM. 2 INCH MASTER METER. NO BACKFLOW.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001309
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

Date: **5/2/2021**
Permit Type:
Description: **NEW NFPA 13D FIRE SPRINKLER SYSTEM. 2 INCH MASTER METER. NO BACKFLOW.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 210431000001310
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: FIRE SPRINKLER SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **1/12/2021**
Permit Type:
Description: **Power plan check for a new 1200A service feeding a (18) unit lot. Scop**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 200411000030282
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: O H M ELECTRIC INC

Date: **11/16/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00765 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300765
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **11/16/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00769 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300769
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: 11/12/2020
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00762 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300762
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: 11/12/2020
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00763 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300763
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **11/12/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00764 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300764
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00766 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300766
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00767 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300767
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00768 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300768
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00770 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300770
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00771 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300771
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00772 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300772
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00773 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300773
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00774 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300774
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00775 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300775
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00776 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300776
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00777 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300777
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00778 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300778
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/27/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00779 TO CAPTURE NEW ARCHITECT OF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000300779
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: JOSEPH P DEVELOPMENT CORPORATION

Date: **10/16/2020**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 200413000035083
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: O H M ELECTRIC INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00762 to revise floor plan (1 of 18**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100762
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00763 to revise floor plans. (2 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100763
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00764 to revise floor plans. (3 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100764
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00765 to revise floor plans. (4 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100765
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00766 to revise floor plans. (5 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100766
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00767 to revise floor plans. (6 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100767
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00768 to revise floor plans. (7 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100768
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00769 to revise floor plans. (8 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100769
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00770 to revise floor plans. (9 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100770
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00771 to revise floor plans. (10 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100771
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00772 to revise floor plans. (11 o**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100772
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00773 to revise floor plans. (12 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100773
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00774 to revise floor plans. (13 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100774
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00775 to revise floor plans. (14 o**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100775
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00776 to revise floor plans. (15 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100776
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00777 to revise floor plans. (16 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100777
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00778 to revise floor plans. (17 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100778
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **9/18/2020**
Permit Type:
Description: **Supplemental permit to 19010-30000-00779 to revise floor plans. (18 of**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000100779
Status: Issued
Valuation: \$501.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19030-30000-01121 TO REVISE GRADING & SITE PR**

Permit Description: **Grading**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Grading/Hillside
Permit Number: 190303000201121
Status: Issued
Valuation: \$51.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **8/19/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00768, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200768
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00762, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200762
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00732, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200763
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00764, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200764
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00765, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200765
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00766, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200766
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00767, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200767
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00769, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200769
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00770, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200770
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00771, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200771
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00772, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200772
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00773, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200773
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00774, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200774
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00775, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200775
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00776, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200776
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00777, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200777
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00778, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200778
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

Date: **7/23/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19010-30000-00779, "TO CHANGE FROM CONTRACTOR**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000200779
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SUNIA BUILD INC

ADJOINING PROPERTY FINDINGS

Date: **5/20/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19020-30000-02368, "TO CHANGE CONTRACTORS FRO**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190203000102368
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SCALES ZERIK

Date: **4/13/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 19030-30000-01121, " TO CHANGE OF CONTRACTORS**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190303000101121
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SCALES ZERIK

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 1)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000762
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 2)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000763
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 3)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000764
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 4)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000765
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 5)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000766
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 6)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000767
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 7)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000768
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 8)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000769
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 9)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000770
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 10)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000771
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 11)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000772
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 12)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000773
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 13)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000774
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 14)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000775
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 15)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000776
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 16)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000777
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 17)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000778
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **(N) 3 STORY S.F.D WITH ATTACHED GARAGE PER VII 74749-SL (LOT NO. 18)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190103000000779
Status: Issued
Valuation: \$345,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **3/19/2020**
Permit Type:
Description: **New site retaining walls/fence**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Misc. Bldg or Structure
Permit Number: 190203000002368
Status: Issued
Valuation: \$21,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2020**
Permit Type:
Description: **GRADING & SITE PREP for new small lot subdivision per VTT-7474-9-SL**

Permit Description: **Grading**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Grading/Hillside
Permit Number: 190303000001121
Status: Issued
Valuation: \$1,452.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

Date: **1/11/2013**
Permit Type:
Description: **No Plan Check CHAGE OUT REPLACE PACKAGE UNIT TO A NEW 5 TON PACKAGE UNIT 80% FURNACE HEATER 13.0 SEER**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130449000000376
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: FRED'S HEATING AND AIR

ADJOINING PROPERTY FINDINGS

3403 FLETCHER DR

Date: 1/15/2013
Permit Type:
Description: **No Plan Check Kitchen and bathroom remodel for residential buildings (no structural changes). Valuation to be verified by Inspector. General rehabilitation (No alteration & no structural changes.) (less than 10% of replacement cost of building). Valuation to be verified by Inspector.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 130162000000902
Status:
Valuation: \$5,300.00
Contractor Company:
Contractor Name: JET CONSTRUCTION & DEVELOPMENT INC

Date: 1/15/2013
Permit Type:
Description: **No Plan Check (7) new light fixtures, (3) new gfci plugs**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130412000001108
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: JET CONSTRUCTION & DEVELOPMENT INC

ADJOINING PROPERTY FINDINGS

Date: **3/19/2012**
Permit Type:
Description: **No Plan Check INSTALL (1) LIGHT FIXTURE @ UNIT #3405 - ONLY.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 120411000006226
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: J V S CONSTRUCTION GROUP INC

Date: **3/19/2012**
Permit Type:
Description: **No Plan Check RELOCATE (2) WATER HEATERS @ UNITS #3403 1/2 & 3405 - ONLY.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 120421000005030
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: J V S CONSTRUCTION GROUP INC

Date: **1/10/2012**
Permit Type:
Description: **No Plan Check REWIRE FOR KITCHEN & INSTALL SUB-PANEL F OR LAUNDRY. 2 OF 2 W/ #12042-10000-00465.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 120411000000530
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: J V S CONSTRUCTION GROUP INC

ADJOINING PROPERTY FINDINGS

Date: **1/10/2012**
Permit Type:
Description: **No Plan Check REPLACE SHOWER (FAUCET). 1 OF 2 W/ #1204 1-10000-00530.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 120421000000465
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: J V S CONSTRUCTION GROUP INC

Date: **11/15/1996**
Permit Type:
Description: **tear off existing roofing and install 1/2" cdx and reroof w/ comp shin**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 960165000004737
Status:
Valuation: \$2,450.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

3405 FLETCHER DR

Date: 1/15/2013
Permit Type:
Description: **No Plan Check General rehabilitation (No alteration & no structural changes.) (less than 10% of replacement cost of building). Valuation to be verified by Inspector . Kitchen and bathroom remodel for residential buildings (no structural changes). Valuation to be verified by Inspector.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 130162000000904
Status:
Valuation: \$4,800.00
Contractor Company:
Contractor Name: JET CONSTRUCTION & DEVELOPMENT INC

Date: 1/15/2013
Permit Type:
Description: **No Plan Check (8) light fixtures, (1) ceiling fan**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130412000001118
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: JET CONSTRUCTION & DEVELOPMENT INC

ADJOINING PROPERTY FINDINGS

3414 FLETCHER DR

Date: **4/13/2020**
Permit Type:
Description: **SUPPLEMENTAL TO PERMIT # 1909-30000-011855, "TO CHANGE CONTRACTORS",**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190193000101855
Status: Issued
Valuation: \$0.00
Contractor Company:
Contractor Name: SCALES ZERIK

Date: **3/19/2020**
Permit Type:
Description: **Demo (e) SFD w/ att. garage to clear the lot.**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence Misc. Bldg or Structure
Permit Number: 190193000001855
Status: Permit Finaled
Valuation: \$3,000.00
Contractor Company:
Contractor Name: SQUARE ONE CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **9/4/2008**
Permit Type:
Description: **No Plan Check INSTALL 100 AMP METER MAIN.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 080411000019998
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: BURGESS ROGER ELECTRIC

Date: **6/28/2007**
Permit Type:
Description: **No Plan Check ONE 100 A METER MAIN THREE SMOKE ALARMS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070419000015726
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: BURGESS ROGER ELECTRIC

Date: **5/6/2005**
Permit Type:
Description: **No Plan Check (1) NEW 100AMP METER MAIN & (3) SMOKE ALARM HARD WIRED.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 050411000010496
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: BURGESS ROGER ELECTRIC

ADJOINING PROPERTY FINDINGS

3428 FLETCHER DR

Date: **10/25/2007**
Permit Type:
Description: **No Plan Check RELOCATE ELECTRIC METER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 070411000025975
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name:

C.O. Issued Date: **1/17/2008**
Date: **8/24/2007**
Permit Type:
Description: **Plan Check Propose new addtioon & remodeling & major interior remodel (658 sq.f). Remove (E) roof framing & replace framing entire house.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 070141000005377
Status:
Valuation: \$90,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/10/1997**
Permit Type:
Description: **Plan Check ADD BEDROOM & BATH (13'-5" X 10'-6").**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 970141000003813
Status:
Valuation: \$6,000.00
Contractor Company:
Contractor Name:

FLETCHER DR APT 3

3385 FLETCHER DR APT 3

Date: **3/16/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 150422000005250
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: PLUMBING INSTALLERS

ADJOINING PROPERTY FINDINGS

Date: **2/23/2011**
Permit Type:
Description: **No Plan Check INSTALL A NEW 30 GALLON WATER HEATER**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 110429000003135
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ROBBY'S ROOTER INC

Date: **1/29/2007**
Permit Type:
Description: **No Plan Check TEAR OFF EXISTING ROOFING. RE-ROOF WITH CLASS 'A' MATERIALS, BUILT UP ROOF. (38 SQUARES)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 070164000001689
Status:
Valuation: \$16,500.00
Contractor Company:
Contractor Name: AVALON ROOFING INC

Date: **7/18/2006**
Permit Type:
Description: **No Plan Check WATER HEATER INSTALLATION.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 060421000015884
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ADVANTAGE PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **4/17/2006**
Permit Type:
Description: **No Plan Check INSTALL WATER HEATERS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 060421000008483
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ADVANTAGE PLUMBING

Date: **3/1/2006**
Permit Type:
Description: **No Plan Check REPLACE (1) 40GAL. WATER HEATER.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 060421000004604
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ADVANTAGE PLUMBING

Date: **5/23/2005**
Permit Type:
Description: **No Plan Check REPLACE WATER HEATER.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 050421000012848
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ROBBY'S ROOTER

ADJOINING PROPERTY FINDINGS

Date: **12/27/2001**
Permit Type:
Description: **No Plan Check WATER HEATER INSTALLATION CHANGE OUT**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 010421000019822
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GENERAL INSTALLATION

Date: **10/19/2000**
Permit Type:
Description: **No Plan Check REPLACE WATER HEATER**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 000421000016198
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GENERAL INSTALLATION

Date: **2/19/1998**
Permit Type:
Description: **No Plan Check WATER HEATER INSTALLATION CHANGE OUT. OK'D MIKE SH.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980421000001978
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GENERAL INSTALLATION

ADJOINING PROPERTY FINDINGS

Date: **1/12/1998**
Permit Type:
Description: **No Plan Check WATER HEATER INSTALLATION CHANGEOUT/PERMIT APPD BY
ENG BRM**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980421000000263
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: GENERAL INSTALLATION

FLETCHER DR APT 5 # 6

3367 FLETCHER DR APT 5 # 6

Date: **10/4/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT DIRECT WALL HEATER & VENT.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 050441000010304
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

Date: **9/13/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT (1) DIRECT VENT FOR #3.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 050441000009204
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

Date: **9/13/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT (1) DIRECT VENT FOR UNIT #2.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 050441000009205
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

Date: **9/13/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT DIRECT VENT**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 050441000009206
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

Date: **9/13/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT DIRECT VENT**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 050441000009208
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

Date: **9/13/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT DIRECT VENT**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 050441000009209
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

Date: **9/13/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT (1) DIRECT VENT FOR UNIT #5.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 050441000009210
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

Date: **7/3/1997**
Permit Type:
Description: **No Plan Check WORKSKHEET APPROVED BY EDISON S. COLD & HOT WATER LINES ONLY**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 970421000005536
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MORAN ALBERTO RENE

Date: **7/3/1997**
Permit Type:
Description: **No Plan Check 5 WALL HEATERS-WORKSHEET APPROV. BY EDISON S.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 970441000004050
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MORAN ALBERTO RENE

ADJOINING PROPERTY FINDINGS

MARGUERITE ST

3308 MARGUERITE ST

Date: **12/27/2006**
Permit Type:
Description: **No Plan Check INSTALL AIR CONDITIONING AND HEATING SYSTEM.**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 060447000013522
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CONSTRUCTION SERVICES

Date: **11/3/2006**
Permit Type:
Description: **No Plan Check CHANGE OUT 9 (E) WINDOWS, 1 (E) EXT. DOOR, SAME SIZE & LOCATION (W/ IN THE SAME OPENING = NO STRUCTURAL CHANGE). REPAIR DRYWALL AS NEEDED. Dual glazing, labeled and certified by National Fenestration Rating Council (NFRC), is required for doors and windows replaced in all residential buildings, three stories or less, per Section 152(b) of Title 24**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 060167000022281
Status:
Valuation: \$2,000.00
Contractor Company:
Contractor Name: CONSTRUCTION SERVICES

ADJOINING PROPERTY FINDINGS

Date: **11/3/2006**
Permit Type:
Description: **No Plan Check RE-WIRE THE HOUSE, INSTALL HARD WIRED SMOKE DETECTORS W/ BATTERY B/ UP & SVCE. UPGRADE FOR THE HOUSE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 060417000027531
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CONSTRUCTION SERVICES

Date: **11/3/2006**
Permit Type:
Description: **No Plan Check RE-PIPE WATER LINES TO 6 FIXTURES & REPLACE FIXTURES FOR THE HOUSE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 060427000025057
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CONSTRUCTION SERVICES

ADJOINING PROPERTY FINDINGS

Date: **10/4/2006**
Permit Type:
Description: **Plan Check Revision to permit #06014-70000-04068 to omit reframing of (e) roof from scope of work and revise roof framing plan.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 060147000104068
Status:
Valuation: \$301.00
Contractor Company:
Contractor Name: CONSTRUCTION SERVICES

C.O. Issued Date: **7/31/2007**
Date: **5/9/2006**
Permit Type:
Description: **Plan Check 9'6" X 8' LAUNDRY ROOM ADDITION AT REAR. 76SF ALSO INTERIOR REMODEL TO CREATE (2) CLOSETS, REFRAME ROOF (E) ROOF FROM FLAT TO GAMBLE AND ADD ADDITIONAL SHEAR PANELS. RELOCATE W/H AND ELEC. PANEL.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 060147000004068
Status:
Valuation: \$8,000.00
Contractor Company:
Contractor Name: CONSTRUCTION SERVICES

ADJOINING PROPERTY FINDINGS

Date: **1/9/2004**
Permit Type:
Description: **No Plan Check INSTALLED 1 EARTHQUAKE VALVE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 04042900000624
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: PRC MECHANICAL

Date: **5/28/1998**
Permit Type:
Description: **No Plan Check replace 35 M btu wall furnace with listed vent**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 980447000004379
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: B & W FURNACE SERVICE

3312 MARGUERITE ST

Date: **12/17/2002**
Permit Type:
Description: **No Plan Check install earthquake valves**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 020429000039136
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CIPRES INCORPORATED

ADJOINING PROPERTY FINDINGS

3318 MARGUERITE ST

Date: **4/18/2017**
Permit Type:
Description: **No Plan Check Add sill plate anchors bolts and cripple wall plywood per L.A. City St**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 17016900009778
Status: Permit Finaled
Valuation: \$3,180.00
Contractor Company:
Contractor Name: AFTER BEFORE CREATIONS INC, THE FOUNDATION WORKS

Date: **3/7/2005**
Permit Type:
Description: **No Plan Check Installed one earthquake shut-off valve**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 05042900005433
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: PRC MECHANICAL

ADJOINING PROPERTY FINDINGS

3401 MARGUERITE ST

Date: **11/19/2013**
Permit Type:
Description: **No Plan Check 200AMP SERVICE UPGRADE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130411000032402
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name:

3425 MARGUERITE ST

Date: **4/2/2013**
Permit Type:
Description: **Plan Check PROPOSED DETACHED 2-CAR CARPORT 18'-0" X 18'-0" PER CITY STANDARD P/BC 2002-009.**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage
Permit Number: 130101000000914
Status:
Valuation: \$7,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/14/1998**
Permit Type:
Description: **Plan Check NEW 20'X23' ADDITION TO SFD. TOTAL ADDITION = 460 SQFT.
CONSTRUCTION PER TYPE V SHEET.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 980141000002183
Status:
Valuation: \$23,000.00
Contractor Company:
Contractor Name:

PORTNER ST

3361 PORTNER ST

Date: **10/20/1998**
Permit Type:
Description: **No Plan Check INSP VERRAL**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000115718
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: J C ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **7/29/1998**
Permit Type:
Description: **No Plan Check FOUR UNIT REST. BUILDING**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 980441000006395
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: E F C CONSTRUCTION

Date: **7/27/1998**
Permit Type:
Description: **No Plan Check INSTALLING SERVICE FOR 4 UNIT APARTMENT**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000015718
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: J C ELECTRIC

Date: **7/22/1998**
Permit Type:
Description: **No Plan Check Connection to Public Sewer**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980427000009650
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: E F C CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **7/13/1998**
Permit Type:
Description: **No Plan Check INSTALLING 4 NEW SYSTEMS, AIR INLETS/OUTLETS**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 980442000005881
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CETTO CARLOS

Date: **5/29/1998**
Permit Type:
Description: **No Plan Check NEW 4 UNIT APARTMENT BUILDING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980422000007110
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: LARA'S ARMANDO PLUMBING SERVICE

Date: **3/18/1998**
Permit Type:
Description: **Plan Check CHANGE PLOT PLAN ON PERMIT # 97LA66079**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: ApartmentApartment
Permit Number: 970101000101015
Status:
Valuation: \$201.00
Contractor Company:
Contractor Name: E F C CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **11/19/1997**
Permit Type:
Description: **No Plan Check T.P.P. 100AMP PERMIT APPROVED BY ENG EDDY A**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 970411000019510
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: E F C CONSTRUCTION

Date: **8/1/1997**
Permit Type:
Description: **Plan Check NEW 4 UNIT APT**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 970101000001015
Status:
Valuation: \$263,000.00
Contractor Company:
Contractor Name: E F C CONSTRUCTION

ADJOINING PROPERTY FINDINGS

W AVENUE 33

2967 W AVENUE 33

Date: **6/12/2013**
Permit Type:
Description: **No Plan Check Install 100amp meter panel**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130417000015514
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: E A ELECTRIC

2972 W AVENUE 33

Date: **5/10/2016**
Permit Type:
Description: **No Plan Check Reroof with 18 sqrs COMP SHINGLE roofing. Existing solid sheathing. Re**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 160169000010528
Status: Issued
Valuation: \$3,600.00
Contractor Company:
Contractor Name: SIERRA ROOF INC

ADJOINING PROPERTY FINDINGS

W AVENUE 34

2945 W AVENUE 34

Date: **7/2/2010**
Permit Type:
Description: **No Plan Check CHANGE OUT SINGLE WALL FURN. AND VENT.**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100441000006434
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

2946 W AVENUE 34

Date: **2/7/2011**
Permit Type:
Description: **No Plan Check INSTALL ELECTRIC WALL HEATER**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 110413000002375
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: P W ONE ELECTRIC INC

ADJOINING PROPERTY FINDINGS

Date: **9/11/2002**
Permit Type:
Description: **Plan Check REVISE ROOF FRAMING, ADD FOOTING DETAILS, ADD A NEW DOOR TO A PROPOSED 1-BEDROOM SFD.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 020141000104000
Status:
Valuation: \$301.00
Contractor Company:
Contractor Name:

Date: **7/18/2002**
Permit Type:
Description: **Plan Check ENLARGE (E) GARAGE CHANGE OF USE TO SINGLE FAMILY DWELLING (PERMIT TO LEGALIZE S.F.D) (ONLY ONE WALL OF GAR TO REMAIN)**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage Single Family Residence
Permit Number: 020141000004000
Status:
Valuation: \$38,000.00
Contractor Company:
Contractor Name:

Date: **7/18/2002**
Permit Type:
Description: **Plan Check ADD 31 L.F., 6' HIGH CMU WALL**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Misc. Bldg or Structure
Permit Number: 020201000002020
Status:
Valuation: \$2,400.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/2/2002**
Permit Type:
Description: **Plan Check NEW SINGLE FAMILY DWELLING WITH 2 BEDRMS, BATH, KITCHEN, DINING AND LIVING RM.**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 020161000007205
Status:
Valuation: \$55,000.00
Contractor Company:
Contractor Name:

2948 W AVENUE 34

Date: **2/14/2019**
Permit Type:
Description: **Re-stucco for single family dwellings and duplexes only.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 190162000004328
Status: Issued
Valuation: \$1,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/18/2015**
Permit Type:
Description: **No Plan Check Kitchen/bathroom (2) remodel for residential buildings (no structural)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 150162000017481
Status: Permit Finaled
Valuation: \$25,000.00
Contractor Company:
Contractor Name:

Date: **5/2/2002**
Permit Type:
Description: **Plan Check ADDITION - STUDY, 1/2 BATH, LAUDNDRY ROOM, ENLARGE KITCHEN AND BEDROOM, (TOTAL 265SQFT.)**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence Single Family Residence
Permit Number: 020141000002292
Status:
Valuation: \$20,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

2953 W AVENUE 34

Date: **6/12/2000**
Permit Type:
Description: **No Plan Check SERVICE PANEL 100 AMP.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 000411000011626
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: RASCON RICHARD ELECTRICAL

2962 W AVENUE 34

Date: **1/18/2011**
Permit Type:
Description: **No Plan Check Install 100amp main electrical service meter panel (two in one)**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 110417000001018
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CASTILLO JAIME A

ADJOINING PROPERTY FINDINGS

Date: **8/19/2008**
Permit Type:
Description: **No Plan Check INSTALL CONDESSOR AND DUCTS.**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 080442000008360
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: PROGRESSIVE A / C SERVICES INC

3001 W AVENUE 34

Date: **3/23/2007**
Permit Type:
Description: **No Plan Check REPLACE ALL DAMAGED FLOORING IN THE KITCHEN W/ TILE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 070161000005354
Status:
Valuation: \$700.00
Contractor Company:
Contractor Name:

Date: **5/9/2000**
Permit Type:
Description: **No Plan Check NOTICE TO COMPLY LOG #8171 INSPECTOR HOFSTAD**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 000412000009168
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MTY ELECTRIC

ADJOINING PROPERTY FINDINGS

3003 W AVENUE 34

Date: **1/15/1997**
Permit Type:
Description: **No Plan Check WATER HEATER & VENT RELOCATION W/ GAS SYSTEM**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 970421000000180
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: P A P RIVAS PLUMBING AND ROOTER

3017 W AVENUE 34

Date: **12/19/2019**
Permit Type:
Description: **VOLUNTARY FOUNDATION UPGRADE PER ENGINEERED DETAIL**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190162000040253
Status: Permit Finaled
Valuation: \$36,250.00
Contractor Company:
Contractor Name: AFTER BEFORE CREATIONS INC, THE FOUNDATION WORKS

ADJOINING PROPERTY FINDINGS

Date: **6/26/2014**
Permit Type:
Description: **No Plan Check C/O 25K WALL FURN VENT**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 140441000006335
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

3021 W AVENUE 34

Date: **12/15/2014**
Permit Type:
Description: **No Plan Check REPLACING ELECTRICAL WATER HEATER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 140411000034598
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: LUNA & BANDA CONTRACTORS

ADJOINING PROPERTY FINDINGS

Date: **12/15/2014**
Permit Type:
Description: **No Plan Check PLUMBING CORRECTIONS. REPLACING EXISTING ABS PIPE TO CAST IRON. REPLACE WATER HEATER TO CODE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 140421000024298
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: LUNA & BANDA CONTRACTORS

3031 W AVENUE 34

Date: **7/19/2010**
Permit Type:
Description: **No Plan Check NEW 200 AMPS METER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100411000013848
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ART ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **5/4/2010**
Permit Type:
Description: **No Plan Check Window (1) change-out (same size & type) for residential buildings. Dual glazing, labeled and certified by National Fenestration Rating Council (NFRC), is required for doors and windows replaced in all residential buildings, three stories or less, per Section 152(b) of Title 24.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 100161000007928
Status:
Valuation: \$501.00
Contractor Company:
Contractor Name:

Date: **5/4/2010**
Permit Type:
Description: **No Plan Check SERVICE PANEL METER UPGRADE. (100AMPS)**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100411000008265
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

3033 W AVENUE 34

Date: **7/19/2010**
Permit Type:
Description: **No Plan Check NEW 2-GANG METER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100411000013850
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ART ELECTRIC

Date: **2/20/2002**
Permit Type:
Description: **No Plan Check install wall heater**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 020441000001655
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: INTER-CITY ENERGY SYSTEMS

ADJOINING PROPERTY FINDINGS

3041 W AVENUE 34

Date: **5/20/2013**
Permit Type:
Description: **No Plan Check REPLACE 2 EXISTING GRAVITY WALL HEATERS**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130443000005139
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: ELITE AIR INC

Date: **3/17/2011**
Permit Type:
Description: **No Plan Check REPLACE AND REWIRE SMOKE DETECTORS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 110412000005353
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: B M ELECTRIC

ADJOINING PROPERTY FINDINGS

W AVENUE 34 APT 2

3037 W AVENUE 34 APT 2

Date: **3/3/2021**

Permit Type:

Description:

Permit Description: **HVAC**

Work Class:

Proposed Use: Apartment

Permit Number: 210441000002038

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: MARAVILLA FOUNDATION

Date: **2/8/2021**

Permit Type:

Description:

Permit Description: **HVAC**

Work Class:

Proposed Use: Apartment

Permit Number: 210441000000385

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

Date: **2/3/2021**

Permit Type:

Description:

Permit Description: **HVAC**

Work Class:

Proposed Use: Apartment

Permit Number: 200441000012179

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: MARAVILLA FOUNDATION

Date: **8/17/2001**

Permit Type:

Description: **No Plan Check C/O DIRECT VENT.**

Permit Description: **HVAC**

Work Class:

Proposed Use: Commercial

Permit Number: 010441000008090

Status:

Valuation: \$0.00

Contractor Company:

Contractor Name: MARAVILLA FOUNDATION

ADJOINING PROPERTY FINDINGS

W AVENUE 35

3040 W AVENUE 35

Date: **3/12/1997**
Permit Type:
Description: **Plan Check Replace concrete column with masonry column adjacent to new retaining wall.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 970161000004695
Status:
Valuation: \$300.00
Contractor Company:
Contractor Name:

Date: **3/12/1997**
Permit Type:
Description: **Plan Check This is the PCIS Version of Plan Check No. CC2954 50-lineal ft of 7' High retaining wall at Property Line. Replacement of Distressed wall.**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Misc. Bldg or Structure
Permit Number: 970201000000475
Status:
Valuation: \$8,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/12/1997**
Permit Type:
Description: **Plan Check Grading for retaining wall backfill.**

Permit Description: **Grading**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Grading/Hillside
Permit Number: 970301000000321
Status:
Valuation: \$90.00
Contractor Company:
Contractor Name:

3041 W AVENUE 35

Date: **5/30/2019**
Permit Type:
Description: **Re-roof with Class A or B material weighing less than 6 pounds per sq.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Retail
Permit Number: 190162000016124
Status: Permit Finaled
Valuation: \$4,000.00
Contractor Company:
Contractor Name:

Date: **9/21/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 150412000031146
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: DANIELSEN DAVID

ADJOINING PROPERTY FINDINGS

Date: **9/20/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 150429000018986
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name: LALOCAL PLUMBING INC

Date: **9/18/2015**
Permit Type:
Description: **No Plan Check (6) Bathroom remodel for residential buildings (no structural changes)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 150162000020166
Status: Permit Finaled
Valuation: \$12,000.00
Contractor Company:
Contractor Name:

Date: **12/18/2014**
Permit Type:
Description: **No Plan Check REPIPE WATER MAIN, FIXTURES AND WASTE L NES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 140422000022504
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: NUBAR PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **8/7/2014**
Permit Type:
Description: **Plan Check REPLACE STEEL STAIRWAY WITH STANDARD LAN STEEL STAIRWAY # 159**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 140161000015506
Status:
Valuation: \$5,000.00
Contractor Company:
Contractor Name: DECK PROCESS AND SERVICES INC

3046 W AVENUE 35

Date: **11/10/1999**
Permit Type:
Description: **No Plan Check RE-ROOF & PLYWOOD AND SHINGLES. 14 SQ. FEET.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 990161000021292
Status:
Valuation: \$600.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

3050 W AVENUE 35

Date: **6/18/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 180419000022717
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name:

Date: **9/11/2013**
Permit Type:
Description: **No Plan Check Change out wall heater**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130447000009575
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: TONY'S HEATING & A/C SERVICE INC

ADJOINING PROPERTY FINDINGS

3056 W AVENUE 35

Date: **3/1/2010**
Permit Type:
Description: **No Plan Check Replace 15 window(s). Same size, location, number, type.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 100169000003578
Status:
Valuation: \$3,750.00
Contractor Company:
Contractor Name:

Date: **11/2/2009**
Permit Type:
Description: **No Plan Check ELECTRICAL PANEL REPLACEMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 090411000020835
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: STAFORELLI DESIGN & BUILDING INC

ADJOINING PROPERTY FINDINGS

Date: **11/2/2009**
Permit Type:
Description: **No Plan Check REMOVE & REPLACE (2) SINKS & (2) TOILETS @ BATHROOMS OF DUPLEX INCLUDING SINK TRAPS & TOILET HOSES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 090421000019608
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: STAFORELLI DESIGN & BUILDING INC

Date: **5/13/2009**
Permit Type:
Description: **No Plan Check INSTALLATION OF (3) E.Q. VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090429100007546
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: METRO RETROFITTING INC

ADJOINING PROPERTY FINDINGS

Date: **7/1/2005**
Permit Type:
Description: **Plan Check REFRAME (E)FLAT ROOF OF TO HIP ROOF PER ENGINEER CALCULATION. "COMPLY W/ DEPT. ORDER EFFECTIVE DATE 03.25.2005. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE." SEE COMMENTS**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 050162000009577
Status:
Valuation: \$10,000.00
Contractor Company:
Contractor Name:

Date: **7/25/2002**
Permit Type:
Description: **No Plan Check INSTALL 8 SMOKE DETECTORS**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 020411000016228
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: RUBIO ELECTRIC

ADJOINING PROPERTY FINDINGS

3058 W AVENUE 35

Date: **7/1/2020**
Permit Type:
Description: **Add sill plate anchor bolt and plywood to cripple walls (if existing)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 200162000015657
Status: Permit Finaled
Valuation: \$4,400.00
Contractor Company:
Contractor Name: L C CONSTRUCTION

Date: **12/29/2015**
Permit Type:
Description: **No Plan Check Re-roof with Class A or B material weighing less than 6 pound per sq.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 150161000028529
Status: Permit Expired
Valuation: \$5,000.00
Contractor Company:
Contractor Name: SBB ROOFING INC

ADJOINING PROPERTY FINDINGS

Date: **11/16/2009**
Permit Type:
Description: **No Plan Check REPLACE ELECTRICAL PANEL. 1 OF 2 W/ #09042-10000-20582.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 090411000021843
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: STAFORELLI DESIGN & BUILDING INC

Date: **11/16/2009**
Permit Type:
Description: **No Plan Check REPLACE TOILET. 2 OF 2 W/ #09041-10000-21843.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 090421000020582
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: STAFORELLI DESIGN & BUILDING INC

ADJOINING PROPERTY FINDINGS

Date: **9/22/2005**
Permit Type:
Description: **No Plan Check PERMIT TO RESTORE ROOF TO ORIGINAL. TEAR-OFF EXISTING ROOFING MATERIALS. INSTALL TORCH DOWN MODIFIED ROOFING. TO COMPLY W/ DEPARTMENT ORDER DATED 03-25-05. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 050161000020221
Status:
Valuation: \$7,500.00
Contractor Company:
Contractor Name:

3060 W AVENUE 35

Date: **2/25/2020**
Permit Type:
Description:

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 200411000008483
Status: Permit Finaled
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **12/18/2019**
Permit Type:
Description: **DEMO (E) GARAGE. (E) SINGLE FAMILY DWELLING TO REMAIN. SEWER CAP AND P**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence Single Family Residence
Permit Number: 190191000000272
Status: Issued
Valuation: \$2,000.00
Contractor Company:
Contractor Name:

Date: **7/16/2013**
Permit Type:
Description: **Plan Check INTERIOR REMODEL TO CONVERT PORTION OF (E) LIVING ROOM TO BEDROOM AND (E) CLOSET TO BATHROOM; ADD NEW CLOSET IN EXISTING BEDROOM. NO NEW FLOOR AREA; ALL WORK PER WFPP.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 130161000014087
Status:
Valuation: \$12,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/11/2013**
Permit Type:
Description: **No Plan Check UP-GRADE SERVICE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 130411000015221
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name:

Date: **2/9/2000**
Permit Type:
Description: **No Plan Check INSTALL 1-NEW CIRCUIT**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 000417000002465
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: BURGESS ELECTRIC INC

3061 W AVENUE 35

Date: **3/22/2019**
Permit Type:
Description: **INSTALL 700 SQ. FT OF BLOWN-IN ATTIC INSULATION.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 190161000008176
Status: Permit Finaled
Valuation: \$700.00
Contractor Company:
Contractor Name: DE SMET TOM

ADJOINING PROPERTY FINDINGS

Date: **5/27/2010**
Permit Type:
Description: **No Plan Check CHANGE OUT (1) SINGLE WALL FURNACE/VENT**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100441000005029
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: MARAVILLA FOUNDATION

3074 W AVENUE 35

Date: **4/5/2021**
Permit Type:
Description: **Reroof with 14 sqrs BUILT UP roofing. Existing solid sheathing. Re-roo**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 210169000001854
Status: Issued
Valuation: \$2,800.00
Contractor Company:
Contractor Name: PREFERRED REMODELING & DEVELOPMENT INC, GREEN IMPROVEMENT
REMODELING

ADJOINING PROPERTY FINDINGS

Date: **2/1/2021**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use: 1 or 2 Family Dwelling

Permit Number: 210419000003662

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: SOUTH WEST SOLAR INC, SOUTH WEST BUILDERS

Date: **1/29/2021**

Permit Type:

Description:

Permit Description: **Electrical**

Work Class:

Proposed Use: 1 or 2 Family Dwelling

Permit Number: 210419000003507

Status: Permit Finaled

Valuation: \$0.00

Contractor Company:

Contractor Name: SOUTH WEST SOLAR INC, SOUTH WEST BUILDERS

Date: **1/26/2021**

Permit Type:

Description: **Reroof with 24 sqrs BUILT UP roofing. Existing solid sheathing. Re-roo**

Permit Description: **Bldg-Alter/Repair**

Work Class:

Proposed Use: 1 or 2 Family Dwelling Single Family Residence

Permit Number: 210169000001990

Status: Permit Finaled

Valuation: \$4,800.00

Contractor Company:

Contractor Name: PREFERRED REMODELING & DEVELOPMENT INC, GREEN IMPROVEMENT
REMODELING

ADJOINING PROPERTY FINDINGS

Date: **1/25/2021**
Permit Type:
Description: **Add sill plate anchors bolts and cripple wall plywood per L.A. City St**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 210169000001870
Status: Permit Finaled
Valuation: \$4,500.00
Contractor Company:
Contractor Name: R M # 1 CONSTRUCTION INC, RM NUMBER 1 CONSTRUCTION INC, ELM CONSTRUCTION

Date: **1/18/2010**
Permit Type:
Description: **No Plan Check install wall heater**

Permit Description: **HVAC**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100449000000482
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: INTER-CITY ENERGY SYSTEMS INC

ADJOINING PROPERTY FINDINGS

W AVENUE 35 # 2

3066 W AVENUE 35 # 2

Date: **9/4/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT #09042-10002-06852 FOR REPIPING, PRESSURE REGULATING VALVE & (2) E.Q. VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000306852
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: LAM LO

Date: **8/26/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 09042-10000-06852 TO CHANGE CONTRACTOR FROM CHOW CONSTRUCTION TO LO LEM LIC.#921085.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000206852
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: LAM LO

ADJOINING PROPERTY FINDINGS

Date: **5/26/2009**
Permit Type:
Description: **No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000106852
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **4/29/2009**
Permit Type:
Description: **No Plan Check REWIRE APARTMENT # 2 & 4. 2 OF 2 (09042-10000-06852).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 090411000007810
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **4/29/2009**
Permit Type:
Description: **No Plan Check REPIPE HOT & COLD PIPES. 1 OF 2 (09041-10000-07810).**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000006852
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **4/20/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 09042-10000-02206 FOR E.Q. VALVE. (#3)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000202206
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **3/13/2009**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #09044-10000-01170 FOR (1) KITCHEN VENT, (4) INLET/OUTLETS, (1) APPLIANCE VENT, (1) ALTER/REPAIR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 090441000101170
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **3/5/2009**
Permit Type:
Description: **No Plan Check REWIRE (6) LIGHTS. (1 OF 2 W/ PERMIT #09042-10000-03502)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 090411000003843
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **3/5/2009**
Permit Type:
Description: **No Plan Check COPPER REPIPE (2) FIXTURES. (2 OF 2 W/ PERMIT #09041-10000-03843)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000003502
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **3/5/2009**
Permit Type:
Description: **No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000102206
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **2/10/2009**
Permit Type:
Description: **No Plan Check Kitchen/bathroom remodel for residential buildings (no structural changes). Windows (7) change-out (same size & type) for residential buildings. Replace drywall. (no new walls added)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 090161000001839
Status:
Valuation: \$90,000.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **2/10/2009**
Permit Type:
Description: **No Plan Check REPLACED WIRE & CHANGE 100 AMP SUB-PANEL & REPLACE SMOKE DETECTORS. 3 OF 3 (09042-10000-02206).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 090411000002399
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **2/10/2009**
Permit Type:
Description: **No Plan Check REPLACE COLD & HOT WATER PIPER & CHANGE 40 GAL. WATER HEATER. 2 OF 3 (09041-10000-02399).**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 090421000002206
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **2/10/2009**
Permit Type:
Description: **No Plan Check REPLACE CENTRAL HEATING & AIR & (2) BATHROOM FANS. 1 OF 3 (09042-10000-02206).**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 090441000001170
Status:
Valuation: \$0.00
Contractor Company:
Contractor Name: CHOW CONSTRUCTION INC

Date: **8/21/2003**
Permit Type:
Description: **No Plan Check RE-ROOF W/ 25 YR. COMP. SHINGLES ON THE BLDG.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 030161000016659
Status:
Valuation: \$5,000.00
Contractor Company:
Contractor Name: KORMAN ROOFING INC

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other common reasons for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- **Permit Number:** The alphanumeric designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- **Description:** A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use (s) of the property.
- **Permit Type:** Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Washington Irving Magnet School

3010 Estara Avenue
Los Angeles, CA 90065

Inquiry Number: 6841953.6

February 01, 2022

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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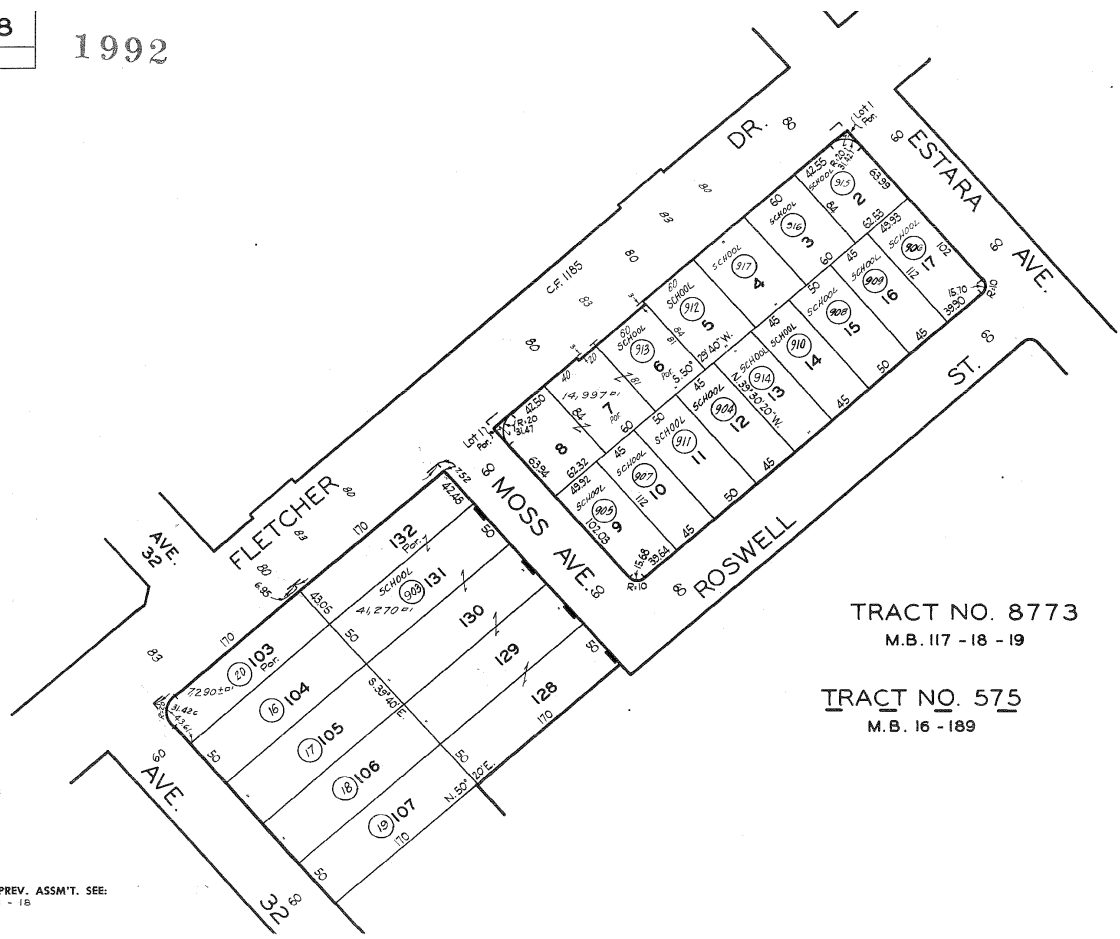
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 1-11-65
 2-24-65
 6-5-65
 7-27-65
 680730610
 87057408001001
 87100706014001
 8710206001001
 8711906015001
 87120108009002
 87104401005001
 3100108400104
 28021000300104



CODE
 13

FOR PREV. ASSM'T. SEE:
 5458 - 18



TRACT NO. 8773
 M.B. 117 - 18 - 19

TRACT NO. 575
 M.B. 16 - 189

ASSESSOR'S MAP
 COUNTY OF LOS ANGELES, CALIF.

APPENDIX D

EDR Radius Map Report

Washington Irving Magnet School

3010 Estara Avenue

Los Angeles, CA 90065

Inquiry Number: 6841953.2s

February 01, 2022

The EDR Radius Map™ Report with GeoCheck®



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3010 ESTARA AVENUE
LOS ANGELES, CA 90065

COORDINATES

Latitude (North): 34.1165050 - 34° 6' 59.41"
Longitude (West): 118.2415260 - 118° 14' 29.49"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 385498.6
UTM Y (Meters): 3775575.0
Elevation: 404 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12021699 LOS ANGELES, CA
Version Date: 2018

Northeast Map: 12021711 PASADENA, CA
Version Date: 2018

Southwest Map: 12021991 HOLLYWOOD, CA
Version Date: 2018

Northwest Map: 12021683 BURBANK, CA
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140515
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 3010 ESTARA AVENUE
 LOS ANGELES, CA 90065

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WASHINGTON IRVING MI	3010 ESTARA AVENUE	FTTS, HIST FTTS		TP
A2	LAUSD - WASHINGTON I	3010 W ESTARA AVE	CA CERS HAZ WASTE, CA HAZMAT, CA CERS		TP
A3	IRVING MIDDLE SCHOOL	3010 ESTARA AVENUE	RCRA-LQG, FINDS		TP
A4	LAUSD - WASHINGTON I	3010 W ESTARA AVE	FINDS		TP
A5	LAUSD/ IRVING JH	3010 ESTARA AVE	CA HAZNET, CA HWTS		TP
A6	IRVING MIDDLE SCHOOL	3010 ESTARA AVENUE	ECHO		TP
Reg	SAN FERNANDO VALLEY	NORTH HOLLYWOOD WELL	NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, CA...	Same	444, 0.084, WSW
B7	NIGUELS FASHIONS	3287 N FLETCHER DR	CA WIP	Higher	66, 0.013, North
B8	GLO-MAR PRINTING	3283 N FLETCHER DR	CA HAZMAT	Higher	67, 0.013, North
B9	ALERT ELECTRIC/SIGN	3271 N FLETCHER DR	CA HAZMAT	Lower	89, 0.017, NNW
C10	CHAB-CORP.	3209 N FLETCHER DR	CA WIP	Lower	92, 0.017, WNW
C11	K T INDUSTRIES	3203 FLETCHER DR	RCRA-SQG, FINDS, ECHO, CA EMI, CA HAZNET, CA HWTS	Lower	95, 0.018, WNW
C12	CHRISTOPHER WARREN	3203 FLETCHER DR	RCRA NonGen / NLR	Lower	95, 0.018, WNW
C13	STIKICH COLOR LAB. I	3225 N FLETCHER DR	CA CPS-SLIC, CA HAZMAT, CA WIP, CA CERS	Lower	106, 0.020, WNW
C14	K T INDUSTRIES	3201 N FLETCHER DR	CA HAZMAT	Lower	114, 0.022, WNW
B15	DUFRENE K C	3351 FLETCHER DR	EDR Hist Auto	Higher	139, 0.026, North
C16	RAFI'S JEWELRY, INC	3065 W AVE 32	RCRA-SQG, FINDS, ECHO	Lower	148, 0.028, West
B17	FLETCHER DRIVE SCHOO	3350 FLETCHER DR	CA SWEEPS UST, CA FID UST, CA CERS	Higher	177, 0.034, NNE
B18	FLETCHER DR ELEMENTA	3350 FLETCHER DRIVE	CA ENVIROSTOR, CA SCH	Higher	177, 0.034, NNE
B19	LOS ANGELES USD FLET	3350 FLETCHER DR	RCRA-SQG, FINDS	Higher	177, 0.034, NNE
B20	LAUSD - FLECTCHER DR	3350 N FLETCHER DR	CA HAZMAT	Higher	177, 0.034, NNE
D21		3100 N FLETCHER DR	CA UST	Lower	180, 0.034, WSW
22	AIMEE BENELL	3366 MARGUERITE ST	RCRA NonGen / NLR	Higher	230, 0.044, ENE
C23	APPLIED GRAPHICS TEC	3116 W AVE 32	RCRA-SQG, CA EMI	Lower	313, 0.059, WNW
C24	ORORA VISUAL	3116 W AVENUE 32	CA HAZMAT	Lower	313, 0.059, WNW
C25	ORORA VISUAL LLC	3116 W AVENUE 32	RCRA NonGen / NLR	Lower	313, 0.059, WNW
C26	ORORA VISUAL LLC - L	3116 W AVENUE 32	CA CERS HAZ WASTE, CA CERS	Lower	313, 0.059, WNW
C27	SEVEN WORLDWIDE	3116 W AVENUE 32	CA EMI, CA HAZNET, CA WIP, CA HWTS	Lower	313, 0.059, WNW
E28	RAFIDAIN REFINERY, I	3060 ROSWELL ST	CA HAZNET, CA HAZMAT, CA HWTS	Lower	315, 0.060, SW
E29	RAFIDAIN REFINERY IN	3060 N ROSWELL ST	CA CERS HAZ WASTE	Lower	315, 0.060, SW
E30	RAFIDAIN REFINERY, I	3060 ROSWELL ST	RCRA-SQG, FINDS, ECHO, CA HWP, CA CERS	Lower	315, 0.060, SW
E31	L'OREX METAL	3060 ROSWELL ST	RCRA NonGen / NLR	Lower	315, 0.060, SW
D32	CARTER C L	3120 FLETCHER DR	EDR Hist Auto	Lower	326, 0.062, West
D33	CLARK A W	3118 FLETCHER DR	EDR Hist Auto	Lower	328, 0.062, West
D34		3107 FLETCHER DR	CA UST	Lower	352, 0.067, West
D35	MC OMBER J T	3105 FLETCHER DR	EDR Hist Auto	Lower	362, 0.069, West
E36		3056 ROSWELL ST	CA UST	Lower	362, 0.069, SW
D37		3057 ROSWELL ST	CA UST	Lower	404, 0.077, SW
D38	GENX LABORATORIES IN	3057 ROSWELL ST	RCRA NonGen / NLR	Lower	404, 0.077, SW

MAPPED SITES SUMMARY

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 LOS ANGELES, CA 90065

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D39	ETC EDGE TELEVISION	3057 ROSWELL ST	CA WIP	Lower	404, 0.077, SW
E40	HYDROTHERMIC FLOTATI	3050 ROSWELL ST	CA WIP	Lower	412, 0.078, SW
E41		3051 ROSWELL ST	CA UST	Lower	450, 0.085, SW
F42	ADAMS R H	3408 FLETCHER DR	EDR Hist Auto	Higher	453, 0.086, NNE
D43	ELECTROSEAL PLASTIC	3050 FLETCHER DR	CA SWEEPS UST, CA FID UST	Lower	457, 0.087, WSW
D44	DESIGNER PLASTICS	3050 N FLETCHER DR	CA WIP	Lower	457, 0.087, WSW
G45		3046 FLETCHER DR	CA UST	Lower	502, 0.095, WSW
G46	UNK	3046 FLETCHER DR	CA SWEEPS UST, CA FID UST	Lower	502, 0.095, WSW
H47	APC INDUSTRIES	3030 FLETCHER DRIVE	RCRA NonGen / NLR	Lower	511, 0.097, West
H48	AUTOMATIC PACKAGING	3030 N FLETCHER DR	CA HAZMAT, CA WIP, CA CERS	Lower	511, 0.097, West
E49	AMTECH ELEVATOR SERV	3041 ROSWELL ST	CA HAZMAT	Lower	527, 0.100, SW
E50	AMTECH ELEVATOR SERV	3041 ROSWELL ST	CA UST	Lower	527, 0.100, SW
E51	AMTECH ELEVATOR SERV	3041 ROSWELL ST	RCRA NonGen / NLR	Lower	527, 0.100, SW
E52	WESTLAND HEATING & A	3041 ROSWELL ST	CA LUST, CA CERS HAZ WASTE, CA SWEEPS UST, CA FID...	Lower	527, 0.100, SW
E53	HF SYSTEMS INC.	3039 ROSWELL ST	CA WIP	Lower	542, 0.103, SW
E54	OLIVER & WILLIAMS EL	3039 ROSWELL ST	CA HAZNET, CA HAZMAT, CA HWTS	Lower	542, 0.103, SW
F55	MELROSE PORTABLE WEL	3420 N FLETCHER DR	CA HAZMAT	Higher	574, 0.109, NE
G56	LOS ANGELES FIRE STA	3036 FLETCHER DR	CA FID UST	Lower	604, 0.114, WSW
G57	LAFD - FIRE STATION	3036 N FLETCHER DR	CA UST	Lower	604, 0.114, WSW
G58	FIRE STATION 50	3036 FLETCHER DR	CA HIST UST	Lower	604, 0.114, WSW
G59	LOS ANGELES FIRE STA	3036 FLETCHER DR	CA UST, CA SWEEPS UST	Lower	604, 0.114, WSW
G60	FIRE STATION #50	2327 SAYBROOK AVE	CA CERS HAZ WASTE, CA HIST UST, CA HAZMAT, CA WIP...	Lower	604, 0.114, WSW
G61	LA FIRE STATION 50	3036 FLETCHER DR	RCRA-SQG, FINDS, CA HAZNET, CA HWTS	Lower	604, 0.114, WSW
G62		3061 FLETCHER DR	CA UST	Lower	608, 0.115, WSW
G63	CAPITOL RECORDS INC	3061 FLETCHER DR	RCRA-SQG, FINDS, ECHO	Lower	608, 0.115, WSW
I64	LENHART W F	3327 ANDRITA ST	EDR Hist Cleaner	Higher	610, 0.116, North
F65		3441 FLETCHER DR	CA UST	Higher	646, 0.122, NNE
F66	LUNDY HEAROLD	3441 FLETCHER DR	EDR Hist Auto	Higher	646, 0.122, NNE
H67		3046 ANDRITA ST	CA UST	Lower	646, 0.122, West
68	NEXTEL COMMUNICATION	3017 N SAN FERNANDO	CA HAZMAT	Lower	646, 0.122, SW
I69	THEODORE & ELLIE POL	3348 N ANDRITA ST	RCRA NonGen / NLR	Higher	690, 0.131, NNE
I70	THEODORE & ELLIE POL	3348 ANDRITA ST	RCRA NonGen / NLR	Higher	690, 0.131, NNE
H71	DISNEY WORLDWIDE SER	3030 ANDRITA ST	RCRA NonGen / NLR	Lower	771, 0.146, West
H72	DISNEY WORLDWIDE SER	3030 ANDRITA ST.	RCRA NonGen / NLR	Lower	771, 0.146, West
H73	AQUALITY INC	3030 N ANDRITA ST	CA HAZMAT	Lower	771, 0.146, West
H74	FORMER AQUALITY, INC	3030 ANDRITA STREET	CA CPS-SLIC, CA HAZNET, CA CERS, CA HWTS	Lower	771, 0.146, West
H75	AQUALITY INC	3030 N ANDRITA ST	CA UST	Lower	771, 0.146, West
J76	AT&T CALIFORNIA - G1	3035 ANDRITA ST	CA CERS HAZ WASTE, CA HAZNET, CA HAZMAT, CA CERS...	Lower	807, 0.153, West
J77	AT&T CALIFORNIA - G1	3035 ANDRITA ST	CA UST	Lower	807, 0.153, West

MAPPED SITES SUMMARY

Target Property Address:
 3010 ESTARA AVENUE
 LOS ANGELES, CA 90065

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J78	PACIFIC BELL	3035 ANDRITA ST	RCRA-LQG, CA LUST, CA UST, CA SWEEPS UST, CA HIST...	Lower	807, 0.153, West
K79	W G JOHNSON ROOFING	3510 FLETCHER DR	CA SWEEPS UST, CA FID UST	Higher	890, 0.169, NE
K80		3510 FLETCHER DR	CA UST	Higher	890, 0.169, NE
K81	JOHNSON ROOFING	3514 FLETCHER DR	CA HAZMAT	Higher	914, 0.173, NE
K82	JOHNSON ROOFING	3514 FLETCHER DR	CA UST	Higher	914, 0.173, NE
L83	AUTOZONE #5424	3071 N SAN FERNANDO	CA HAZNET, CA HAZMAT, CA HWTS	Lower	936, 0.177, WSW
L84	AUTOZONE #5424	3071 N SAN FERNANDO	RCRA NonGen / NLR	Lower	936, 0.177, WSW
L85	AUTOZONE #5424	3071 N SAN FERNANDO	CA CERS HAZ WASTE, CA CERS	Lower	936, 0.177, WSW
M86		3117 SAN FERNANDO RD	CA UST	Lower	948, 0.180, WSW
K87	JOSE PELAYO'S COMPLE	3457 FLETCHER DR	RCRA NonGen / NLR	Higher	953, 0.180, NE
K88	JOSE PELAYO COMPLETE	3457 N FLETCHER DR	CA CERS HAZ WASTE, CA HAZMAT, CA CERS	Higher	953, 0.180, NE
K89	PELAYO COMPLETE AUTO	3457 FLETCHER DR	RCRA-SQG, FINDS, ECHO	Higher	953, 0.180, NE
L90	EL POLLO LOCO #5534	3070 N SAN FERNANDO	CA HAZMAT, CA CERS	Lower	980, 0.186, WSW
M91	J.P.J.. CALIFORNIA	3019 ANDRITA ST	CA UST	Lower	1079, 0.204, West
M92	SCENIC EXPRESS	3019 ANDRITA ST	CA SWEEPS UST, CA WIP	Lower	1079, 0.204, West
M93	THE SCENIC EXPRESS	3019 N ANDRITA ST	CA UST	Lower	1079, 0.204, West
L94	AUTOZONE #5424	3052 N SAN FERNANDO	CA HAZMAT	Lower	1090, 0.206, SW
L95	AUTOZONE #5424	3052 SAN FERNANDO RD	RCRA NonGen / NLR	Lower	1090, 0.206, SW
96		2950 SAN FERNANDO RD	CA UST	Lower	1118, 0.212, SSW
M97	SAN FLETCHER INC DBA	3100 N SAN FERNANDO	RCRA NonGen / NLR	Lower	1125, 0.213, WSW
M98	CHEVRON #9-0851	3100 SAN FERNANDO RD	CA LUST, CA SWEEPS UST, CA Cortese, CA WIP	Lower	1125, 0.213, WSW
M99	90851	3100 SAN FERNANDO RD	CA HIST UST	Lower	1125, 0.213, WSW
M100	FLETCHER CHEVRON	3100 N SAN FERNANDO	CA UST	Lower	1125, 0.213, WSW
M101	90851-CHEVRON STATIO	3100 SAN FERNANDO RD	CA FID UST	Lower	1125, 0.213, WSW
M102	CHEVRON #9-0851	3100 SAN FERNANDO	CA LUST, CA HIST CORTESE, CA CERS	Lower	1125, 0.213, WSW
M103	CHEVRON PRODUCTS SS#	3100 N SAN FERNANDO	CA CERS HAZ WASTE, CA CERS TANKS, CA HAZNET, CA...	Lower	1125, 0.213, WSW
M104	CHEVRON STATION 9085	3100 N SAN FERNANDO	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Lower	1125, 0.213, WSW
M105	FLETCHER CHEVRON	3100 N SAN FERNANDO	CA UST	Lower	1125, 0.213, WSW
M106	CHEVRON STATION #9-0	3100 N SAN FERNANDO	CA UST	Lower	1125, 0.213, WSW
M107	FLETCHER CHEVRON	3100 N SAN FERNANDO	CA UST	Lower	1125, 0.213, WSW
M108		3131 SAN FERNANDO RD	CA UST	Lower	1131, 0.214, WSW
M109	JPJ CALIFORNIA	3135 N SAN FERNANDO	CA UST, CA SWEEPS UST	Lower	1148, 0.217, West
M110	JPJ CALIFORNIA	3135 N SAN FERNANDO	CA FID UST	Lower	1148, 0.217, West
M111	J P J CALIF	3135 SAN FERNANDO RD	CA SWEEPS UST	Lower	1148, 0.217, West
M112	MCDONALD'S #11605	3124 N SAN FERNANDO	CA HAZMAT, CA CERS	Lower	1161, 0.220, WSW
N113	NORMCO	3141 SAN FERNANDO RD	CA WIP	Lower	1168, 0.221, West
M114		3132 SAN FERNANDO RD	CA UST	Lower	1190, 0.225, West
N115	EAGLE BODY SHOP	3155 N SAN FERNANDO	CA HAZMAT	Lower	1225, 0.232, West
N116	CS IRON WORK	3155 SAN FERNANDO RD	CA WIP	Lower	1225, 0.232, West

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3010 ESTARA AVENUE
LOS ANGELES, CA 90065

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
N117		3159 SAN FERNANDO RD	CA UST	Lower	1243, 0.235, West
118	LA HOME FIELD OFFICE	3401 EAGLE ROCK BLVD	RCRA-SQG, FINDS, ECHO	Higher	1276, 0.242, ESE
O119	TRU CUT INC	3221 SAN FERNANDO RD	CA CPS-SLIC, CA EMI, CA CERS	Lower	1443, 0.273, West
120	VAN DE KAMPS HOLLAND	2930 FLETCHER DRIVE	RCRA-SQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Lower	1462, 0.277, WSW
O121	SANTA MARIA AIRPORT	3200 SAN FERNANDO	CA HIST CORTESE	Higher	1602, 0.303, West
O122	FORMER AEROL CO.	3235 SAN FERNANDO RD	CA CPS-SLIC, CA CERS	Higher	1612, 0.305, West
P123	YESTER YEAR AUTOMOTI	3426 VERDUGO RD	CA LUST, CA Cortese, CA CERS	Lower	1770, 0.335, ESE
P124	YESTER YEAR AUTOMOTI	3426 VERDUGO RD	CA LUST, CA HIST CORTESE	Lower	1770, 0.335, ESE
125	LOS FELIZ CHARTER SC	2709 MEDIA CENTER DR	CA ENVIROSTOR, CA SCH, CA CERS	Lower	1822, 0.345, SSW
Q126	HUGHES MARKETS INC	2716 SAN FERNANDO RD	CA LUST, CA SWEEPS UST, CA HIST UST, CA FID UST,...	Lower	1917, 0.363, SSW
Q127	HUGHES MARKETS INC	2716 SAN FERNANDO RD	CA Cortese, CA HAZNET, CA CERS, CA HWTS	Lower	1917, 0.363, SSW
R128	NEWLOWE PROPERTIES	3332-3334, 3360-3380	CA CPS-SLIC, CA DEED, CA CERS	Higher	1925, 0.365, WNW
S129	WESTERN DIE & PRINTI	3109 CASITAS AVE	CA ENVIROSTOR, CA HAZNET, CA HWTS	Lower	1948, 0.369, WSW
S130	COCHRAN J F	3109 CASITAS AVE	SEMS-ARCHIVE	Lower	1948, 0.369, WSW
Q131	LA MEDIA TECHNOLOGY	2702-2712 SAN FERNAN	CA LUST, CA Cortese, CA CERS	Lower	2012, 0.381, South
T132	AMERICAN CONTRACTING	3271 EAGLE ROCK BLVD	CA CPS-SLIC, CA WIP, CA CERS	Lower	2034, 0.385, SSE
U133	BILT-WELL ROOFING	3310 VERDUGO	CA LUST, CA ENF, CA HIST CORTESE	Lower	2045, 0.387, SE
U134	BILT-WELL ROOFING	3310 VERDUGO RD	CA LUST, CA SWEEPS UST, CA FID UST, CA Cortese, CA...	Lower	2045, 0.387, SE
135	VALLEY PLATING	2640 SAN FERNANDO	CA ENVIROSTOR, CA CPS-SLIC, CA EMI, CA ENF, CA...	Lower	2052, 0.389, South
136	POLLOCK WELL 06		CA PFAS	Lower	2066, 0.391, SW
R137	NEWLOWE PROPERTIES	3370-3550 SAN FERNAN	CA CPS-SLIC	Higher	2071, 0.392, WNW
T138	AMERICAN CONTRACTING	3271 VERDUGO RD	CA CPS-SLIC, CA HIST UST, CA ENF, CA CERS	Lower	2099, 0.398, SE
139	NELSON NAME PLATE CO	3191 CASITAS AVE	SEMS, CORRACTS, RCRA-SQG, CA ENVIROSTOR, CA...	Lower	2205, 0.418, WSW
V140	AVIS ROTO-DIE INC	3040 TREADWELL ST	CA CPS-SLIC, CA HAZNET, CA CERS, CA HWTS	Higher	2244, 0.425, WNW
T141	CALIFORNIA PAVING &	3253 VERDUGO RD	CA LUST, CA HIST UST	Lower	2277, 0.431, SSE
T142	CALIFORNIA PAVING &	3253 VERDUGO RD	CA LUST, CA Cortese, CA CERS	Lower	2277, 0.431, SSE
V143	MY LIFE AS AN EXPERI	3061 TREADWELL ST	RCRA NonGen / NLR, CA HIST CORTESE	Higher	2342, 0.444, WNW
W144	TAYLOR YARD	2850 KERR ST	CA ENVIROSTOR, CA VCP, CA HIST UST, CA CHMIRS, CA...	Lower	2348, 0.445, SSW
W145	UNION PACIFIC RAILRO	2850 KERR ST	SEMS-ARCHIVE, RCRA NonGen / NLR, US FIN ASSUR	Lower	2348, 0.445, SSW
W146	TAYLOR YD (LOCO SERV	2850 KERR	CA CPS-SLIC, CA SWEEPS UST, CA HIST UST, CA FID...	Lower	2348, 0.445, SSW
W147	TAYLOR YARD PARCEL G	2850 KERR STREET	US BROWNFIELDS	Lower	2348, 0.445, SSW
W148	TAYLOR YARD	2850 KERR ST. LOS AN	US BROWNFIELDS	Lower	2348, 0.445, SSW
149	SPECIALTY PRODUCTS D	3229 CASITAS	CA CPS-SLIC, CA WIP, CA CERS	Lower	2414, 0.457, West
150	AHR SIGNS, INC.	3400 N. SAN FERNANDO	CA CPS-SLIC, CA CERS	Higher	2440, 0.462, WNW
W151	SOUTHERN PACIFIC - T	2800 KERR	CA ENVIROSTOR, CA VCP, CA HIST CORTESE	Lower	2471, 0.468, SW
W152	SOUTHERN PACIFIC TRA	2800 KERR STREET	CA HIST Cal-Sites, CA BOND EXP. PLAN	Lower	2471, 0.468, SW
W153	SP, TAYLOR YARD	2800 KERR STREET	CA Toxic Pits	Lower	2471, 0.468, SW
154	GRANTHAM FOLDER CORP	2424 SAN FERNANDO RD	CA ENVIROSTOR, CA WIP	Lower	3262, 0.618, South
155	SAN FERNANDO VALLEY	POLLOCK WELLFIELD	NPL, SEMS, CA ENVIROSTOR, CA HIST Cal-Sites, PRP,...	Lower	3634, 0.688, WSW

MAPPED SITES SUMMARY

Target Property Address:
 3010 ESTARA AVENUE
 LOS ANGELES, CA 90065

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
156	WEIAND AUTOMOTIVE IN	2316-2324 NORTH SAN	CA ENVIROSTOR, CA VCP, CA DEED	Lower	3723, 0.705, South
157	HI ELECTRONICS, INC.	3048 NO COOLIDGE AVE	CA ENVIROSTOR	Lower	3739, 0.708, South
158	GLASSELL PARK PRIMAR	3000 VERDUGO ROAD	CA ENVIROSTOR, CA SCH	Lower	3786, 0.717, SSE
159	CAIN ROOFING COMPANY	2924 ALLESANDRO STRE	CA ENVIROSTOR	Lower	3951, 0.748, SSW
160	SAFETY-KLEEN SYSTEMS	2918 WORTHEN AVENUE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG, CA...	Lower	4237, 0.802, SW
161	CRHS #13	SAN FERNANDO ROAD/DI	CA ENVIROSTOR, CA SCH, CA CERS	Lower	4302, 0.815, South
162	PROFILE PLASTICS	2130 SAN FERNANDO RO	CA ENVIROSTOR, CA WIP	Lower	4398, 0.833, SSE
163	CERRITOS ELEMENTARY	120 EAST CERRITOS AV	CA ENVIROSTOR, CA SCH	Higher	4554, 0.863, NW
164	MERRY X-RAY CHEMICAL	340 MIRA LOMA AVENUE	CA HWP, CA WIP	Higher	4937, 0.935, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WASHINGTON IRVING MI 3010 ESTARA AVENUE LOS ANGELES, CA 90065	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009 HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
LAUSD - WASHINGTON I 3010 W ESTARA AVE LOS ANGELES, CA 90065	CA CERS HAZ WASTE CA HAZMAT Database: LOS ANGELES HM, Date of Government Version: 04/19/2021 CA CERS	N/A
IRVING MIDDLE SCHOOL 3010 ESTARA AVENUE LOS ANGELES, CA 90065	RCRA-LQG EPA ID:: CAD982039653 FINDS Registry ID:: 110022537673	CAD982039653
LAUSD - WASHINGTON I 3010 W ESTARA AVE LOS ANGELES, CA 90065	FINDS Registry ID:: 110065575489	N/A
LAUSD/ IRVING JH 3010 ESTARA AVE LOS ANGELES, CA 90065	CA HAZNET GEPAID: CAD982039653 CA HWTS	N/A
IRVING MIDDLE SCHOOL 3010 ESTARA AVENUE LOS ANGELES, CA 90065	ECHO Registry ID: 110022537673	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL Proposed National Priority List Sites

EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing

Lists of Federal RCRA generators

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

CA RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

CA SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

CA AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

CA BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT..... Waste Management Unit Database

EXECUTIVE SUMMARY

CA SWRCY.....	Recycler Database
CA HAULERS.....	Registered Waste Tire Haulers Listing
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
IHS OPEN DUMPS.....	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

CA AOCONCERN.....	Key Areas of Concerns in Los Angeles County
US HIST CDL.....	Delisted National Clandestine Laboratory Register
CA CDL.....	Clandestine Drug Labs
US CDL.....	National Clandestine Laboratory Register
CA AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing

Local Land Records

CA LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CA LDS.....	Land Disposal Sites Listing
CA MCS.....	Military Cleanup Sites Listing
CA SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
DOT OPS.....	Incident and Accident Data
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing

EXECUTIVE SUMMARY

UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA CUPA Listings.....	CUPA Resources List
CA DRYCLEANERS.....	Cleaner Facilities
CA LOS ANGELES CO. HMS.....	HMS: Street Number List
CA HWT.....	Registered Hazardous Waste Transporter Database
CA MINES.....	Mines Site Location Listing
CA MWMP.....	Medical Waste Management Program Listing
CA PEST LIC.....	Pesticide Regulation Licenses Listing
CA PROC.....	Certified Processors Database
CA Notify 65.....	Proposition 65 Records
LA Co. Site Mitigation.....	Site Mitigation List
CA UIC.....	UIC Listing
CA UIC GEO.....	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS.....	Oil Wastewater Pits Listing
CA MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT.....	PROJECT (GEOTRACKER)
CA WDR.....	Waste Discharge Requirements Listing
CA NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
CA LOS ANGELES CO LF MEMP.....	Leaking Under Producing Landfills
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List
CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/20/2021 has revealed that there are 2 NPL sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY Cerclis ID:: 902251 EPA Id: CAD980894893	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY Cerclis ID:: 902253 EPA Id: CAD980894976	POLLOCK WELLFIELD	WSW 1/2 - 1 (0.688 mi.)	155	679

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 10/20/2021 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY Site ID: 0902251 EPA Id: CAD980894893	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NELSON NAME PLATE CO Site ID: 0900309 EPA Id: CAD008329963	3191 CASITAS AVE	WSW 1/4 - 1/2 (0.418 mi.)	139	509

EXECUTIVE SUMMARY

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 10/20/2021 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COCHRAN J F Site ID: 0901530 EPA Id: CAD067754523	3109 CASITAS AVE	WSW 1/4 - 1/2 (0.369 mi.)	S130	468
UNION PACIFIC RAILRO Site ID: 0900933 EPA Id: CAD000628131	2850 KERR ST	SSW 1/4 - 1/2 (0.445 mi.)	W145	622

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/13/2021 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NELSON NAME PLATE CO EPA ID:: CAD008329963	3191 CASITAS AVE	WSW 1/4 - 1/2 (0.418 mi.)	139	509
SAFETY-KLEEN SYSTEMS EPA ID:: CAT000613935	2918 WORTHEN AVENUE	SW 1/2 - 1 (0.802 mi.)	160	712

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there is 1

EXECUTIVE SUMMARY

RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL EPA ID:: CAD980881874	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 10 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOS ANGELES USD FLET EPA ID:: CAD982022436	3350 FLETCHER DR	NNE 0 - 1/8 (0.034 mi.)	B19	120
PELAYO COMPLETE AUTO EPA ID:: CAR000084608	3457 FLETCHER DR	NE 1/8 - 1/4 (0.180 mi.)	K89	375
LA HOME FIELD OFFICE EPA ID:: CAD981988249	3401 EAGLE ROCK BLVD	ESE 1/8 - 1/4 (0.242 mi.)	118	423

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
K T INDUSTRIES EPA ID:: CAD981369887	3203 FLETCHER DR	WNW 0 - 1/8 (0.018 mi.)	C11	101
RAFI'S JEWELRY, INC EPA ID:: CAD981379761	3065 W AVE 32	W 0 - 1/8 (0.028 mi.)	C16	113
APPLIED GRAPHICS TEC EPA ID:: CAR000044545	3116 W AVE 32	WNW 0 - 1/8 (0.059 mi.)	C23	126
RAFIDAIN REFINERY, I EPA ID:: CAD981382831	3060 ROSWELL ST	SW 0 - 1/8 (0.060 mi.)	E30	177
LA FIRE STATION 50 EPA ID:: CAD981962715	3036 FLETCHER DR	WSW 0 - 1/8 (0.114 mi.)	G61	227
CAPITOL RECORDS INC EPA ID:: CAT080013055	3061 FLETCHER DR	WSW 0 - 1/8 (0.115 mi.)	G63	238
CHEVRON STATION 9085 EPA ID:: CAR000116368	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M104	407

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 08/23/2021 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

EXECUTIVE SUMMARY

EPA ID:: CAD980894893
 EPA ID:: CAD980894893

US INST CONTROLS: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROLS list, as provided by EDR, and dated 08/23/2021 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY EPA ID:: CAD980894893	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

Lists of state- and tribal hazardous waste facilities

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 10/25/2021 has revealed that there are 18 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY Facility Id: 19990011 Status: Active	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54
FLETCHER DR ELEMENTA Facility Id: 19000012 Status: No Action Required	3350 FLETCHER DRIVE	NNE 0 - 1/8 (0.034 mi.)	B18	117
CERRITOS ELEMENTARY Facility Id: 19990022 Status: No Action Required	120 EAST CERRITOS AV	NW 1/2 - 1 (0.863 mi.)	163	996
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOS FELIZ CHARTER SC Facility Id: 60000815 Status: Inactive - Needs Evaluation	2709 MEDIA CENTER DR	SSW 1/4 - 1/2 (0.345 mi.)	125	448
WESTERN DIE & PRINTI Facility Id: 19281174	3109 CASITAS AVE	WSW 1/4 - 1/2 (0.369 mi.)	S129	465

EXECUTIVE SUMMARY

Status: No Further Action				
VALLEY PLATING	2640 SAN FERNANDO	S 1/4 - 1/2 (0.389 mi.)	135	485
Facility Id: 71002213				
Status: Refer: Other Agency				
NELSON NAME PLATE CO	3191 CASITAS AVE	WSW 1/4 - 1/2 (0.418 mi.)	139	509
Facility Id: 71003640				
Facility Id: 80001559				
Status: Refer: Other Agency				
Status: Refer: RWQCB				
TAYLOR YARD	2850 KERR ST	SSW 1/4 - 1/2 (0.445 mi.)	W144	591
Facility Id: 19470006				
Facility Id: 60002568				
Status: Active				
Status: Inactive - Needs Evaluation				
SOUTHERN PACIFIC - T	2800 KERR	SW 1/4 - 1/2 (0.468 mi.)	W151	647
Facility Id: 60001919				
Status: Active				
GRANTHAM FOLDER CORP	2424 SAN FERNANDO RD	S 1/2 - 1 (0.618 mi.)	154	677
Facility Id: 19500129				
Status: No Further Action				
SAN FERNANDO VALLEY	POLLOCK WELLFIELD	WSW 1/2 - 1 (0.688 mi.)	155	679
Facility Id: 19990009				
Status: Certified / Operation & Maintenance				
WEIAND AUTOMOTIVE IN	2316-2324 NORTH SAN	S 1/2 - 1 (0.705 mi.)	156	691
Facility Id: 19340781				
Status: Certified O&M - Land Use Restrictions Only				
HI ELECTRONICS, INC.	3048 NO COOLIDGE AVE	S 1/2 - 1 (0.708 mi.)	157	704
Facility Id: 71002877				
Status: Refer: Other Agency				
GLASSELL PARK PRIMAR	3000 VERDUGO ROAD	SSE 1/2 - 1 (0.717 mi.)	158	705
Facility Id: 19820073				
Status: Certified				
CAIN ROOFING COMPANY	2924 ALLESANDRO STRE	SSW 1/2 - 1 (0.748 mi.)	159	711
Facility Id: 19290272				
Status: No Further Action				
SAFETY-KLEEN SYSTEMS	2918 WORTHEN AVENUE	SW 1/2 - 1 (0.802 mi.)	160	712
Facility Id: 80001785				
Status: No Further Action				
CRHS #13	SAN FERNANDO ROAD/DI	S 1/2 - 1 (0.815 mi.)	161	981
Facility Id: 60000054				
Status: Certified				
PROFILE PLASTICS	2130 SAN FERNANDO RO	SSE 1/2 - 1 (0.833 mi.)	162	995
Facility Id: 19300239				
Status: Refer: RWQCB				

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 13 CA LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTLAND HEATING & A Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/07/2021 Global ID: T0603701182 Status: Completed - Case Closed Facility Id: 900650098 Status: Case Closed Global Id: T0603701182	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
PACIFIC BELL Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/07/2021 Global ID: T0603701196 Status: Completed - Case Closed Facility Id: 900650243 Status: Remedial action (cleanup) Underway Global Id: T0603701196	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337
CHEVRON #9-0851 Database: LUST REG 4, Date of Government Version: 09/07/2004 Global ID: T0603701198 Facility Id: 900650261 Status: Preliminary site assessment underway	3100 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.213 mi.)	M98	387
CHEVRON #9-0851 Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0603701198	3100 SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M102	393
VAN DE KAMPS HOLLAND Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/07/2021 Global ID: T0603700192 Status: Completed - Case Closed Facility Id: 112.0163 Status: Case Closed Global Id: T0603700192	2930 FLETCHER DRIVE	WSW 1/4 - 1/2 (0.277 mi.)	120	432
YESTER YEAR AUTOMOTI Database: LUST REG 4, Date of Government Version: 09/07/2004 Global ID: T0603701187 Facility Id: 900650143 Status: Case Closed	3426 VERDUGO RD	ESE 1/4 - 1/2 (0.335 mi.)	P123	445
YESTER YEAR AUTOMOTI Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0603701187	3426 VERDUGO RD	ESE 1/4 - 1/2 (0.335 mi.)	P124	447
HUGHES MARKETS INC Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/07/2021	2716 SAN FERNANDO RD	SSW 1/4 - 1/2 (0.363 mi.)	Q126	451

EXECUTIVE SUMMARY

Global ID: T0603701191
 Status: Completed - Case Closed
 Facility Id: 900650189
 Status: Case Closed
 Global Id: T0603701191

<p>LA MEDIA TECHNOLOGY Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/07/2021 Global ID: T0603793070 Status: Completed - Case Closed Facility Id: 900650270 Status: Case Closed Global Id: T0603793070</p>	<p>2702-2712 SAN FERNAN</p>	<p>S 1/4 - 1/2 (0.381 mi.)</p>	<p>Q131</p>	<p>469</p>
<p>BILT-WELL ROOFING Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0603701197</p>	<p>3310 VERDUGO</p>	<p>SE 1/4 - 1/2 (0.387 mi.)</p>	<p>U133</p>	<p>473</p>
<p>BILT-WELL ROOFING Database: LUST REG 4, Date of Government Version: 09/07/2004 Global ID: T0603701197 Facility Id: 900650252 Status: Pollution Characterization</p>	<p>3310 VERDUGO RD</p>	<p>SE 1/4 - 1/2 (0.387 mi.)</p>	<p>U134</p>	<p>482</p>
<p>CALIFORNIA PAVING & Database: LUST, Date of Government Version: 09/07/2021 Status: Completed - Case Closed Global Id: T0603731926</p>	<p>3253 VERDUGO RD</p>	<p>SSE 1/4 - 1/2 (0.431 mi.)</p>	<p>T141</p>	<p>579</p>
<p>CALIFORNIA PAVING & Database: LUST REG 4, Date of Government Version: 09/07/2004 Global ID: T0603731926 Facility Id: 900650307 Status: Preliminary site assessment workplan submitted</p>	<p>3253 VERDUGO RD</p>	<p>SSE 1/4 - 1/2 (0.431 mi.)</p>	<p>T142</p>	<p>584</p>

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 14 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<p>FORMER AEROL CO. Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: SL0603728988 Facility Status: Open - Remediation</p>	<p>3235 SAN FERNANDO RD</p>	<p>W 1/4 - 1/2 (0.305 mi.)</p>	<p>O122</p>	<p>444</p>
<p>NEWLOWE PROPERTIES Database: CPS-SLIC, Date of Government Version: 09/07/2021 Global Id: SL204551609 Facility Status: Open - Remediation</p>	<p>3332-3334, 3360-3380</p>	<p>WNW 1/4 - 1/2 (0.365 mi.)</p>	<p>R128</p>	<p>463</p>
<p>NEWLOWE PROPERTIES Database: SLIC REG 4, Date of Government Version: 11/17/2004</p>	<p>3370-3550 SAN FERNAN</p>	<p>WNW 1/4 - 1/2 (0.392 mi.)</p>	<p>R137</p>	<p>504</p>

EXECUTIVE SUMMARY

Facility Status: Remediation

AVIS ROTO-DIE INC	3040 TREADWELL ST	WNW 1/4 - 1/2 (0.425 mi.)	V140	573
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: T10000011024				
Facility Status: Completed - Case Closed				
AHR SIGNS, INC.	3400 N. SAN FERNANDO	WNW 1/4 - 1/2 (0.462 mi.)	150	646
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: T10000012811				
Facility Status: Open - Site Assessment				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STIKICH COLOR LAB. I	3225 N FLETCHER DR	WNW 0 - 1/8 (0.020 mi.)	C13	112
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799092				
Facility Status: Completed - Case Closed				
FORMER AQUALITY, INC	3030 ANDRITA STREET	W 1/8 - 1/4 (0.146 mi.)	H74	252
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: T10000011883				
Facility Status: Open - Site Assessment				
TRU CUT INC	3221 SAN FERNANDO RD	W 1/4 - 1/2 (0.273 mi.)	O119	426
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: T10000011885				
Facility Status: Open - Site Assessment				
AMERICAN CONTRACTING	3271 EAGLE ROCK BLVD	SSE 1/4 - 1/2 (0.385 mi.)	T132	472
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799089				
Facility Status: Completed - Case Closed				
VALLEY PLATING	2640 SAN FERNANDO	S 1/4 - 1/2 (0.389 mi.)	135	485
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799098				
Facility Status: Completed - Case Closed				
AMERICAN CONTRACTING	3271 VERDUGO RD	SE 1/4 - 1/2 (0.398 mi.)	T138	504
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799096				
Facility Status: Completed - Case Closed				
NELSON NAME PLATE CO	3191 CASITAS AVE	WSW 1/4 - 1/2 (0.418 mi.)	139	509
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799086				
Facility Status: Open - Site Assessment				
TAYLOR YD (LOCO SERV	2850 KERR	SSW 1/4 - 1/2 (0.445 mi.)	W146	628
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799090				
Facility Status: Completed - Case Closed				
SPECIALTY PRODUCTS D	3229 CASITAS	W 1/4 - 1/2 (0.457 mi.)	149	645
Database: CPS-SLIC, Date of Government Version: 09/07/2021				
Global Id: SL603799087				
Facility Status: Completed - Case Closed				

EXECUTIVE SUMMARY

Lists of state and tribal registered storage tanks

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, has revealed that there are 29 CA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3441 FLETCHER DR	NNE 0 - 1/8 (0.122 mi.)	F65	241
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3510 FLETCHER DR	NE 1/8 - 1/4 (0.169 mi.)	K80	347
JOHNSON ROOFING Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3514 FLETCHER DR	NE 1/8 - 1/4 (0.173 mi.)	K82	347
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3100 N FLETCHER DR	WSW 0 - 1/8 (0.034 mi.)	D21	123
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3107 FLETCHER DR	W 0 - 1/8 (0.067 mi.)	D34	187
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3056 ROSWELL ST	SW 0 - 1/8 (0.069 mi.)	E36	187
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3057 ROSWELL ST	SW 0 - 1/8 (0.077 mi.)	D37	187
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3051 ROSWELL ST	SW 0 - 1/8 (0.085 mi.)	E41	191
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3046 FLETCHER DR	WSW 0 - 1/8 (0.095 mi.)	G45	192
AMTECH ELEVATOR SERV Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E50	206
LAFD - FIRE STATION Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3036 N FLETCHER DR	WSW 0 - 1/8 (0.114 mi.)	G57	221
LOS ANGELES FIRE STA Database: UST, Date of Government Version: 09/07/2021 Facility Id: 25127	3036 FLETCHER DR	WSW 0 - 1/8 (0.114 mi.)	G59	222
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3061 FLETCHER DR	WSW 0 - 1/8 (0.115 mi.)	G62	238
Not reported Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3046 ANDRITA ST	W 0 - 1/8 (0.122 mi.)	H67	242
AQUALITY INC Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3030 N ANDRITA ST	W 1/8 - 1/4 (0.146 mi.)	H75	255
AT&T CALIFORNIA - G1 Database: LOS ANGELES UST, Date of Government Version: 04/19/2021	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J77	337
PACIFIC BELL Database: UST, Date of Government Version: 09/07/2021	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337

EXECUTIVE SUMMARY

Facility Id: 25126				
Not reported	3117 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.180 mi.)	M86	363
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				
J.P.J.. CALIFORNIA	3019 ANDRITA ST	W 1/8 - 1/4 (0.204 mi.)	M91	381
Database: UST, Date of Government Version: 09/07/2021				
Facility Id: 25124				
THE SCENIC EXPRESS	3019 N ANDRITA ST	W 1/8 - 1/4 (0.204 mi.)	M93	382
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				
Not reported	2950 SAN FERNANDO RD	SSW 1/8 - 1/4 (0.212 mi.)	96	385
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				
FLETCHER CHEVRON	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M100	392
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				
FLETCHER CHEVRON	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M105	416
Database: UST, Date of Government Version: 09/07/2021				
Facility Id: FA000231				
CHEVRON STATION #9-0	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M106	417
Database: UST, Date of Government Version: 09/07/2021				
Facility Id: 23769				
FLETCHER CHEVRON	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M107	417
Database: UST, Date of Government Version: 09/07/2021				
Facility Id: FA0000231				
Not reported	3131 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.214 mi.)	M108	417
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				
JPJ CALIFORNIA	3135 N SAN FERNANDO	W 1/8 - 1/4 (0.217 mi.)	M109	417
Database: UST, Date of Government Version: 09/07/2021				
Facility Id: 25134				
Not reported	3132 SAN FERNANDO RD	W 1/8 - 1/4 (0.225 mi.)	M114	422
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				
Not reported	3159 SAN FERNANDO RD	W 1/8 - 1/4 (0.235 mi.)	N117	423
Database: LOS ANGELES UST, Date of Government Version: 04/19/2021				

Lists of state and tribal voluntary cleanup sites

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 10/25/2021 has revealed that there are 2 CA VCP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAYLOR YARD Status: Active Facility Id: 19470006	2850 KERR ST	SSW 1/4 - 1/2 (0.445 mi.)	W144	591
SOUTHERN PACIFIC - T Status: Active Facility Id: 60001919	2800 KERR	SW 1/4 - 1/2 (0.468 mi.)	W151	647

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/10/2021 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TAYLOR YARD PARCEL G ACRES property ID: 239335 Cleanup Completion Date: -	2850 KERR STREET	SSW 1/4 - 1/2 (0.445 mi.)	W147	632
TAYLOR YARD ACRES property ID: 229441 Cleanup Completion Date: -	2850 KERR ST. LOS AN	SSW 1/4 - 1/2 (0.445 mi.)	W148	639

Local Lists of Hazardous waste / Contaminated Sites

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 3 CA HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC TRA	2800 KERR STREET	SW 1/4 - 1/2 (0.468 mi.)	W152	652
SAN FERNANDO VALLEY	POLLOCK WELLFIELD	WSW 1/2 - 1 (0.688 mi.)	155	679

CA SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the environment they pose.

A review of the CA SCH list, as provided by EDR, and dated 10/25/2021 has revealed that there is 1 CA SCH site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FLETCHER DR ELEMENTA Facility Id: 19000012 Status: No Action Required	3350 FLETCHER DRIVE	NNE 0 - 1/8 (0.034 mi.)	B18	117

EXECUTIVE SUMMARY

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 10/18/2021 has revealed that there are 8 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOSE PELAYO COMPLETE	3457 N FLETCHER DR	NE 1/8 - 1/4 (0.180 mi.)	K88	366
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ORORA VISUAL LLC - L	3116 W AVENUE 32	WNW 0 - 1/8 (0.059 mi.)	C26	134
RAFIDAIN REFINERY IN	3060 N ROSWELL ST	SW 0 - 1/8 (0.060 mi.)	E29	172
WESTLAND HEATING & A	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
FIRE STATION #50	2327 SAYBROOK AVE	WSW 0 - 1/8 (0.114 mi.)	G60	222
AT&T CALIFORNIA - G1	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J76	255
AUTOZONE #5424	3071 N SAN FERNANDO	WSW 1/8 - 1/4 (0.177 mi.)	L85	357
CHEVRON PRODUCTS SS#	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M103	395

CA Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the CA Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 CA Toxic Pits site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SP, TAYLOR YARD Closure Date: 08/01/91 Task #: 84015 Status: CLOSED	2800 KERR STREET	SW 1/4 - 1/2 (0.468 mi.)	W153	677

CA PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the CA PFAS list, as provided by EDR, and dated 09/07/2021 has revealed that there is 1 CA PFAS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
POLLOCK WELL 06		SW 1/4 - 1/2 (0.391 mi.)	136	496

Local Lists of Registered Storage Tanks

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there

EXECUTIVE SUMMARY

are 11 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FLETCHER DRIVE SCHOO Status: A Comp Number: 5935	3350 FLETCHER DR	NNE 0 - 1/8 (0.034 mi.)	B17	116
W G JOHNSON ROOFING Status: A Comp Number: 4986	3510 FLETCHER DR	NE 1/8 - 1/4 (0.169 mi.)	K79	346
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ELECTROSEAL PLASTIC Comp Number: 4165	3050 FLETCHER DR	WSW 0 - 1/8 (0.087 mi.)	D43	191
UNK Comp Number: 7791	3046 FLETCHER DR	WSW 0 - 1/8 (0.095 mi.)	G46	193
WESTLAND HEATING & A Comp Number: 4982	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
LOS ANGELES FIRE STA Status: A Tank Status: A Comp Number: 2646	3036 FLETCHER DR	WSW 0 - 1/8 (0.114 mi.)	G59	222
PACIFIC BELL Status: A Tank Status: A Comp Number: 5178	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337
SCENIC EXPRESS Status: A Comp Number: 8350	3019 ANDRITA ST	W 1/8 - 1/4 (0.204 mi.)	M92	381
CHEVRON #9-0851 Status: A Tank Status: A Comp Number: 3475	3100 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.213 mi.)	M98	387
JPJ CALIFORNIA Status: A Comp Number: 4981	3135 N SAN FERNANDO	W 1/8 - 1/4 (0.217 mi.)	M109	417
J P J CALIF Status: A Comp Number: 8286	3135 SAN FERNANDO RD	W 1/8 - 1/4 (0.217 mi.)	M111	419

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 CA HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FIRE STATION 50 Facility Id: 00000047478	3036 FLETCHER DR	WSW 0 - 1/8 (0.114 mi.)	G58	221
FIRE STATION #50	2327 SAYBROOK AVE	WSW 0 - 1/8 (0.114 mi.)	G60	222

EXECUTIVE SUMMARY

Facility Id: 00000020810

PACIFIC BELL **3035 ANDRITA ST** **W 1/8 - 1/4 (0.153 mi.)** **J78** **337**

Facility Id: 00000016783

90851 3100 SAN FERNANDO RD **WSW 1/8 - 1/4 (0.213 mi.)** **M99** **391**

Facility Id: 00000061918

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 10/18/2021 has revealed that there is 1 CA CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON PRODUCTS SS#	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M103	395

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 9 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FLETCHER DRIVE SCHOO	3350 FLETCHER DR	NNE 0 - 1/8 (0.034 mi.)	B17	116

Facility Id: 19030943

Status: A

W G JOHNSON ROOFING	3510 FLETCHER DR	NE 1/8 - 1/4 (0.169 mi.)	K79	346
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Facility Id: 19055943

Status: A

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
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ELECTROSEAL PLASTIC	3050 FLETCHER DR	WSW 0 - 1/8 (0.087 mi.)	D43	191
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Facility Id: 19054334

Status: I

UNK	3046 FLETCHER DR	WSW 0 - 1/8 (0.095 mi.)	G46	193
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Facility Id: 19015584

Status: I

WESTLAND HEATING & A	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
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Facility Id: 19018116

Status: I

LOS ANGELES FIRE STA	3036 FLETCHER DR	WSW 0 - 1/8 (0.114 mi.)	G56	220
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Facility Id: 19024411

Status: A

PACIFIC BELL	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337
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Facility Id: 19002491

Status: A

90851-CHEVRON STATIO	3100 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.213 mi.)	M101	392
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Facility Id: 19011273

EXECUTIVE SUMMARY

Status: A
 JPJ CALIFORNIA 3135 N SAN FERNANDO W 1/8 - 1/4 (0.217 mi.) M110 418
 Facility Id: 19055942
 Status: A

Local Land Records

CA DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the CA DEED list, as provided by EDR, and dated 08/30/2021 has revealed that there is 1 CA DEED site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEWLOWE PROPERTIES Status: OPEN - REMEDIATION Envirostor ID: SL204551609	3332-3334, 3360-3380	WNW 1/4 - 1/2 (0.365 mi.)	R128	463

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that there are 15 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AIMEE BENELL EPA ID:: CAC003040636	3366 MARGUERITE ST	ENE 0 - 1/8 (0.044 mi.)	22	123
THEODORE & ELLIE POL EPA ID:: CAC003050224	3348 N ANDRITA ST	NNE 1/8 - 1/4 (0.131 mi.)	I69	242
THEODORE & ELLIE POL JOSE PELAYO'S COMPLE EPA ID:: CAL000069014	3348 ANDRITA ST 3457 FLETCHER DR	NNE 1/8 - 1/4 (0.131 mi.) NE 1/8 - 1/4 (0.180 mi.)	I70 K87	245 363
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHRISTOPHER WARREN ORORA VISUAL LLC EPA ID:: CAL000427309	3203 FLETCHER DR 3116 W AVENUE 32	WNW 0 - 1/8 (0.018 mi.) WNW 0 - 1/8 (0.059 mi.)	C12 C25	109 132
L'OREX METAL EPA ID:: CAL000162053	3060 ROSWELL ST	SW 0 - 1/8 (0.060 mi.)	E31	184
GENX LABORATORIES IN EPA ID:: CAL000389309	3057 ROSWELL ST	SW 0 - 1/8 (0.077 mi.)	D38	188
APC INDUSTRIES	3030 FLETCHER DRIVE	W 0 - 1/8 (0.097 mi.)	H47	193

EXECUTIVE SUMMARY

EPA ID:: CAL000168481					
AMTECH ELEVATOR SERV EPA ID:: CAL000352392	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E51	206	
DISNEY WORLDWIDE SER EPA ID:: CAC003047420	3030 ANDRITA ST	W 1/8 - 1/4 (0.146 mi.)	H71	247	
DISNEY WORLDWIDE SER AUTOZONE #5424 EPA ID:: CAL000411582	3030 ANDRITA ST. 3071 N SAN FERNANDO	W 1/8 - 1/4 (0.146 mi.) WSW 1/8 - 1/4 (0.177 mi.)	H72 L84	250 354	
AUTOZONE #5424 EPA ID:: CAL000206986	3052 SAN FERNANDO RD	SW 1/8 - 1/4 (0.206 mi.)	L95	382	
SAN FLETCHER INC DBA EPA ID:: CAL000335998	3100 N SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M97	385	

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY EPA ID:: CAD980894893	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 09/30/2021 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN PACIFIC TRA	2800 KERR STREET	SW 1/4 - 1/2 (0.468 mi.)	W152	652

EXECUTIVE SUMMARY

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 09/20/2021 has revealed that there are 10 CA Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO VALLEY Envirostor Id: 19990011 Cleanup Status: ACTIVE	NORTH HOLLYWOOD WELL	WSW 0 - 1/8 (0.084 mi.)	0	54

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTLAND HEATING & A Cleanup Status: COMPLETED - CASE CLOSED	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
PACIFIC BELL Cleanup Status: COMPLETED - CASE CLOSED	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337
CHEVRON #9-0851 Cleanup Status: COMPLETED - CASE CLOSED	3100 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.213 mi.)	M98	387
VAN DE KAMPS HOLLAND Cleanup Status: COMPLETED - CASE CLOSED	2930 FLETCHER DRIVE	WSW 1/4 - 1/2 (0.277 mi.)	120	432
YESTER YEAR AUTOMOTI Cleanup Status: COMPLETED - CASE CLOSED	3426 VERDUGO RD	ESE 1/4 - 1/2 (0.335 mi.)	P123	445
HUGHES MARKETS INC Cleanup Status: COMPLETED - CASE CLOSED	2716 SAN FERNANDO RD	SSW 1/4 - 1/2 (0.363 mi.)	Q127	456
LA MEDIA TECHNOLOGY Cleanup Status: COMPLETED - CASE CLOSED	2702-2712 SAN FERNAN	S 1/4 - 1/2 (0.381 mi.)	Q131	469
BILT-WELL ROOFING Cleanup Status: COMPLETED - CASE CLOSED	3310 VERDUGO RD	SE 1/4 - 1/2 (0.387 mi.)	U134	482
CALIFORNIA PAVING & Cleanup Status: COMPLETED - CASE CLOSED	3253 VERDUGO RD	SSE 1/4 - 1/2 (0.431 mi.)	T142	584

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CAL SITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA MARIA AIRPORT Reg Id: 3076	3200 SAN FERNANDO	W 1/4 - 1/2 (0.303 mi.)	O121	443
MY LIFE AS AN EXPERI Reg Id: 3131	3061 TREADWELL ST	WNW 1/4 - 1/2 (0.444 mi.)	V143	586

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WESTLAND HEATING & A Reg Id: 900650098	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
PACIFIC BELL	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337

EXECUTIVE SUMMARY

Reg Id: 900650243				
CHEVRON #9-0851	3100 SAN FERNANDO	WSW 1/8 - 1/4 (0.213 mi.)	M102	393
Reg Id: 900650261				
VAN DE KAMPS HOLLAND	2930 FLETCHER DRIVE	WSW 1/4 - 1/2 (0.277 mi.)	120	432
Reg Id: 112.0163				
Reg Id: 2691				
YESTER YEAR AUTOMOTI	3426 VERDUGO RD	ESE 1/4 - 1/2 (0.335 mi.)	P124	447
Reg Id: 900650143				
HUGHES MARKETS INC	2716 SAN FERNANDO RD	SSW 1/4 - 1/2 (0.363 mi.)	Q126	451
Reg Id: 900650189				
BILT-WELL ROOFING	3310 VERDUGO	SE 1/4 - 1/2 (0.387 mi.)	U133	473
Reg Id: 900650252				
SOUTHERN PACIFIC - T	2800 KERR	SW 1/4 - 1/2 (0.468 mi.)	W151	647
Reg Id: 19470006				

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 08/13/2021 has revealed that there are 4 CA HWP sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MERRY X-RAY CHEMICAL EPA ID: CAL000051064 Cleanup Status: CLOSED	340 MIRA LOMA AVENUE	WNW 1/2 - 1 (0.935 mi.)	164	998
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RAFIDAIN REFINERY, I EPA ID: CAD981382831 Cleanup Status: CLOSED	3060 ROSWELL ST	SW 0 - 1/8 (0.060 mi.)	E30	177
NELSON NAME PLATE CO EPA ID: CAD008329963 Cleanup Status: CLOSED	3191 CASITAS AVE	WSW 1/4 - 1/2 (0.418 mi.)	139	509
SAFETY-KLEEN SYSTEMS EPA ID: CAT000613935 Cleanup Status: OPERATING PERMIT	2918 WORTHEN AVENUE	SW 1/2 - 1 (0.802 mi.)	160	712

CA WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the CA WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 16 CA WIP sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NIGUELS FASHIONS Facility Status: Historical	3287 N FLETCHER DR	N 0 - 1/8 (0.013 mi.)	B7	100
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAB-CORP.	3209 N FLETCHER DR	WNW 0 - 1/8 (0.017 mi.)	C10	101

EXECUTIVE SUMMARY

Facility Status: Historical				
STIKICH COLOR LAB. I	3225 N FLETCHER DR	WNW 0 - 1/8 (0.020 mi.)	C13	112
Facility Status: Backlog				
SEVEN WORLDWIDE	3116 W AVENUE 32	WNW 0 - 1/8 (0.059 mi.)	C27	145
Facility Status: Historical				
ETC EDGE TELEVISION	3057 ROSWELL ST	SW 0 - 1/8 (0.077 mi.)	D39	190
Facility Status: Historical				
HYDROTHERMIC FLOTATI	3050 ROSWELL ST	SW 0 - 1/8 (0.078 mi.)	E40	190
Facility Status: Historical				
DESIGNER PLASTICS	3050 N FLETCHER DR	WSW 0 - 1/8 (0.087 mi.)	D44	192
Facility Status: Historical				
AUTOMATIC PACKAGING	3030 N FLETCHER DR	W 0 - 1/8 (0.097 mi.)	H48	196
Facility Status: Historical				
WESTLAND HEATING & A	3041 ROSWELL ST	SW 0 - 1/8 (0.100 mi.)	E52	209
Facility Status: Historical				
HF SYSTEMS INC.	3039 ROSWELL ST	SW 0 - 1/8 (0.103 mi.)	E53	218
Facility Status: Historical				
FIRE STATION #50	2327 SAYBROOK AVE	WSW 0 - 1/8 (0.114 mi.)	G60	222
Facility Status: Historical				
PACIFIC BELL	3035 ANDRITA ST	W 1/8 - 1/4 (0.153 mi.)	J78	337
Facility Status: Historical				
SCENIC EXPRESS	3019 ANDRITA ST	W 1/8 - 1/4 (0.204 mi.)	M92	381
Facility Status: Historical				
CHEVRON #9-0851	3100 SAN FERNANDO RD	WSW 1/8 - 1/4 (0.213 mi.)	M98	387
Facility Status: Historical				
NORMCO	3141 SAN FERNANDO RD	W 1/8 - 1/4 (0.221 mi.)	N113	422
Facility Status: Historical				
CS IRON WORK	3155 SAN FERNANDO RD	W 1/8 - 1/4 (0.232 mi.)	N116	422
Facility Status: Historical				

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto

EXECUTIVE SUMMARY

sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DUFRENE K C	3351 FLETCHER DR	N 0 - 1/8 (0.026 mi.)	B15	113
ADAMS R H	3408 FLETCHER DR	NNE 0 - 1/8 (0.086 mi.)	F42	191
LUNDY HEAROLD	3441 FLETCHER DR	NNE 0 - 1/8 (0.122 mi.)	F66	241
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CARTER C L	3120 FLETCHER DR	W 0 - 1/8 (0.062 mi.)	D32	186
CLARK A W	3118 FLETCHER DR	W 0 - 1/8 (0.062 mi.)	D33	186
MC OMBER J T	3105 FLETCHER DR	W 0 - 1/8 (0.069 mi.)	D35	187

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LENHART W F	3327 ANDRITA ST	N 0 - 1/8 (0.116 mi.)	I64	241

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

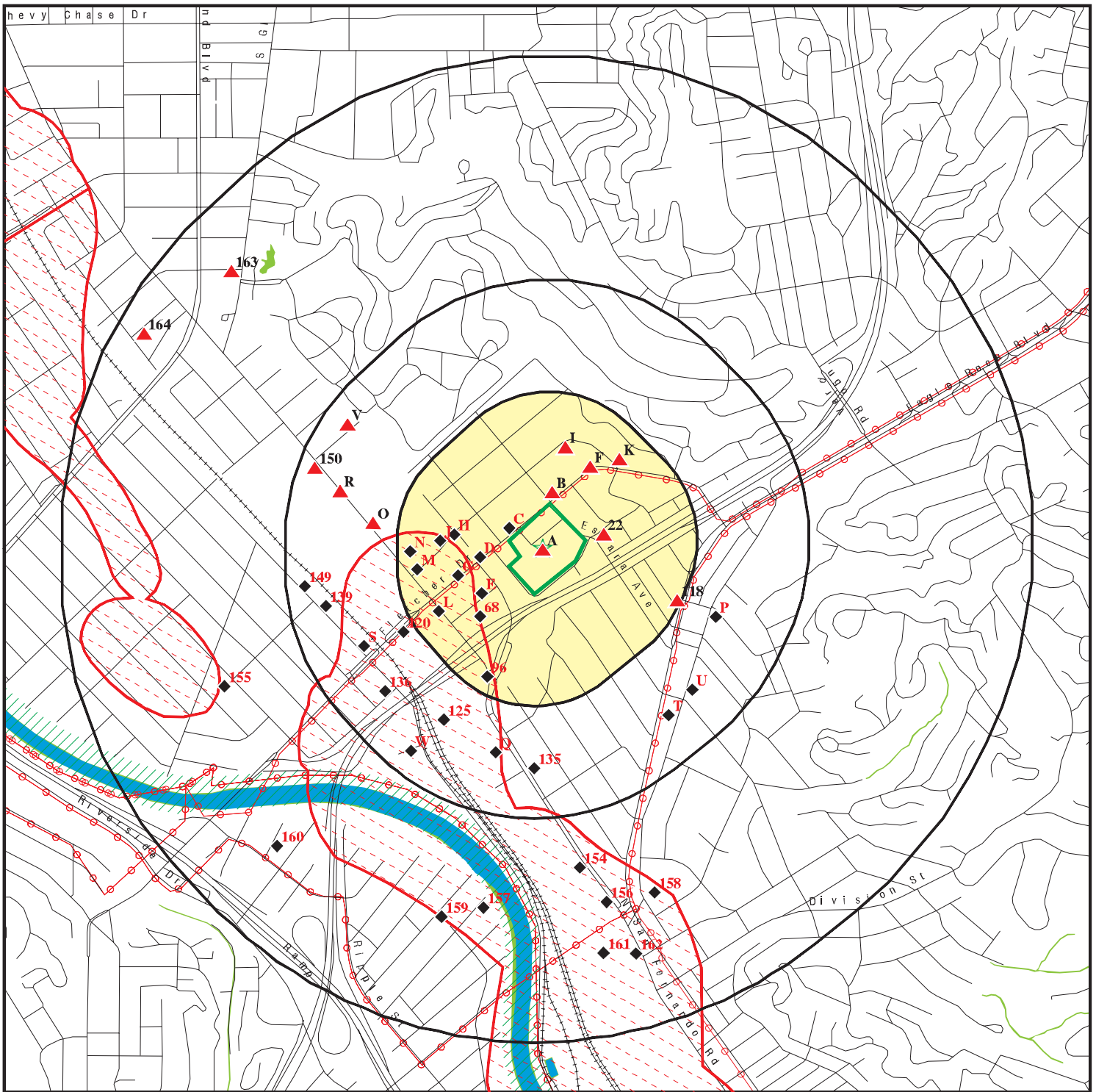
Site Name














FURANE PRODUCTS, CIBA GEIGY CORPOR
METRO RAIL PASADENA BLUE LINE

Database(s)

CA DRYCLEANERS
CA ENVIROSTOR

OVERVIEW MAP - 6841953.2S



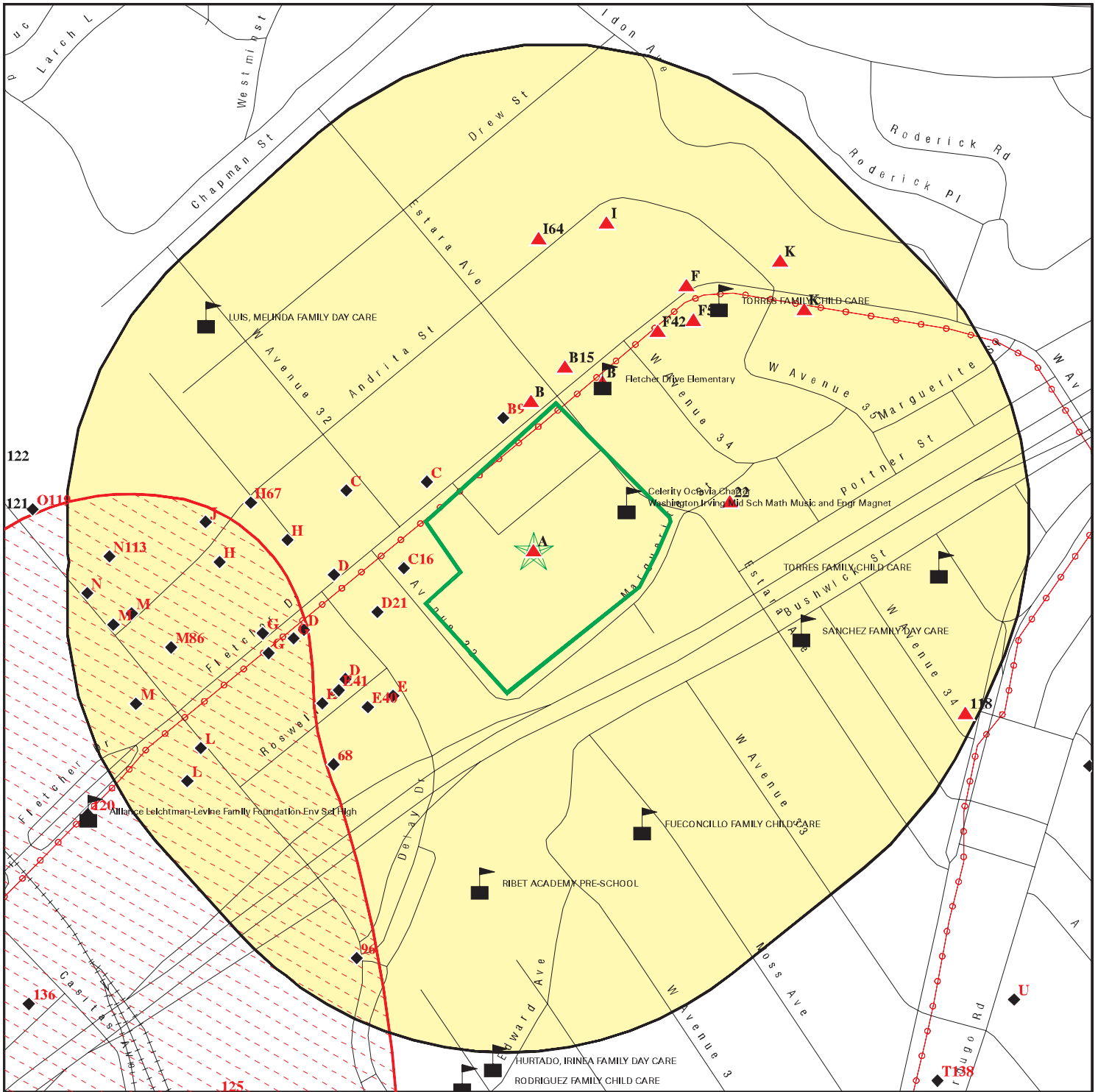
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Washington Irving Magnet School
 ADDRESS: 3010 Estara Avenue
 Los Angeles CA 90065
 LAT/LONG: 34.116505 / 118.241526

CLIENT: Eco & Associates, Inc.
 CONTACT: Janet Holtz
 INQUIRY #: 6841953.2s
 DATE: February 01, 2022 4:54 pm

DETAIL MAP - 6841953.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Washington Irving Magnet School
 ADDRESS: 3010 Estara Avenue
 Los Angeles CA 90065
 LAT/LONG: 34.116505 / 118.241526

CLIENT: Eco & Associates, Inc.
 CONTACT: Janet Holtz
 INQUIRY #: 6841953.2s
 DATE: February 01, 2022 4:55 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		1	0	0	1	NR	2
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	1	NR	NR	2
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	1	1	NR	2
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250	1	0	1	NR	NR	NR	2
RCRA-SQG	0.250		7	3	NR	NR	NR	10
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROLS	0.500		1	0	0	NR	NR	1
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
CA RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
CA ENVIROSTOR	1.000		2	0	6	10	NR	18
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
CA SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
CA LUST	0.500		1	3	9	NR	NR	13
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		1	1	12	NR	NR	14
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		12	17	NR	NR	NR	29
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
CA VCP	0.500		0	0	2	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	2	NR	NR	2
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
CA AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		1	0	1	1	NR	3
CA SCH	0.250		1	0	NR	NR	NR	1
CA CDL	0.001		0	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250	1	4	4	NR	NR	NR	9
CA Toxic Pits	1.000		0	0	1	0	NR	1
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	1	NR	NR	1
CA AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
CA SWEEPS UST	0.250		5	6	NR	NR	NR	11
CA HIST UST	0.250		2	2	NR	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		5	4	NR	NR	NR	9
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	1	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	8	NR	NR	NR	15
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		1	NR	NR	NR	NR	1
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001	1	0	NR	NR	NR	NR	1
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001	1	0	NR	NR	NR	NR	1
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		1	0	0	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	1	NR	NR	NR	NR	3
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	1	NR	NR	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	0	NR	1
CA Cortese	0.500		2	2	6	NR	NR	10
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001	1	0	NR	NR	NR	NR	1
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		1	2	7	NR	NR	10
CA LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
CA HWP	1.000		1	0	1	2	NR	4
CA HWT	0.250		0	0	NR	NR	NR	0
NJ MANIFEST	0.250		0	0	NR	NR	NR	0
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		11	5	NR	NR	NR	16
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001		0	NR	NR	NR	NR	0
CA CIWQS	0.001		0	NR	NR	NR	NR	0
CA CERS	0.001	1	0	NR	NR	NR	NR	1
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA LOS ANGELES CO LF M	0.001		0	0	0	NR	NR	0
CA HWTS	TP	1	NR	NR	NR	NR	NR	1
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		6	NR	NR	NR	NR	6
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF	0.001		0	NR	NR	NR	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
CA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		10	79	59	54	15	0	217

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **WASHINGTON IRVING MIDDLE**
Target **3010 ESTARA AVENUE**
Property **LOS ANGELES, CA 90065**

FTTS **1008387968**
HIST FTTS **N/A**

Site 1 of 6 in cluster A

Actual:
404 ft.

FTTS INSP:
Inspection Number: 200501199ST30 1
Region: 09
Inspection Date: 01/19/05
Inspector: MICHAEL RAYBOURN
Violation occurred: Yes
Investigation Type: Lead, Section 402, State
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Child Occupied Facility/Misc

HIST FTTS INSP:
Inspection Number: 200501199ST30 1
Region: 09
Inspection Date: Not reported
Inspector: MICHAEL RAYBOURN
Violation occurred: Yes
Investigation Type: Lead, Section 402, State
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: Child Occupied Facility/Misc

A2 **LAUSD - WASHINGTON IRVING JUNIOR HI**
Target **3010 W ESTARA AVE**
Property **LOS ANGELES, CA 90065**

CA CERS HAZ WASTE **S123500579**
CA HAZMAT **N/A**
CA CERS

Site 2 of 6 in cluster A

Actual:
404 ft.

CERS HAZ WASTE:
Name: LAUSD - WASHINGTON IRVING JUNIOR HI
Address: 3010 W ESTARA AVE
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 129953
CERS ID: 10244917
CERS Description: Hazardous Waste Generator

LOS ANGELES HM:
Name: LAUSD - WASHINGTON IRVING JUNIOR HI
Address: 3010 W ESTARA AVE
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0012392
Last Run Date: 04/19/2021
Status: ACTIVE

CERS:
Name: LAUSD - WASHINGTON IRVING JUNIOR HI
Address: 3010 W ESTARA AVE
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 129953
CERS ID: 10244917

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD - WASHINGTON IRVING JUNIOR HI (Continued)

S123500579

CERS Description: Chemical Storage Facilities

Violations:

Site ID: 129953
Site Name: LAUSD - WASHINGTON IRVING JUNIOR HI
Violation Date: 10-25-2018
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34

Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies) . 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment . 3) Lamps shall be marked with Universal Waste-Lamp(s) . 4)Each electronic devices or the container or the designated area shall be marked with Universal Waste-Electronic Device(s) . 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s) . 6) CRT glass or the designated area shall be marked with Universal Waste-CRT glass .

Violation Notes: Returned to compliance on 03/05/2019. OBSERVATION: Owner/Operator failed to properly label universal waste. CORRECTIVE ACTION: Properly label universal waste (fluorescent lamps) and submit statement of compliance and/or a photo of the waste labeled properly.

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS,

Site ID: 129953

Site Name: LAUSD - WASHINGTON IRVING JUNIOR HI

Violation Date: 09-21-2015

Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/23/2015. OBSERVATION: The Owner/Operator failed to obtain or no longer has an active hazardous waste generator permit. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste. Every person, business, or business concern within the jurisdiction of the LACoCUPA and subject to the requirements of one or more of the program elements shall be required to pay the applicable annual fees and any applicable late payment penalty and apply for and obtain from the LACoCUPA a unified program facility permit for the program elements applicable to such facility prior to the commencement of any business or activity related to any of the program elements. Upon receipt of full payment from a unified program facility for all the annual fees, including previous unpaid annual fees, any late payment penalties and [Truncated]

Violation Division: Los Angeles County Fire Department

Violation Program: HW

Violation Source: CERS,

Site ID: 129953

Site Name: LAUSD - WASHINGTON IRVING JUNIOR HI

Violation Date: 09-21-2015

Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD - WASHINGTON IRVING JUNIOR HI (Continued)

S123500579

Violation Notes: Returned to compliance on 10/23/2015. OBSERVATION: Copies of hazardous waste disposal records for [whichever year(s)] were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all manifests and receipts for the last three years, maintain them on site, and submit copies to the CUPA by [date, 30 days from now].
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-04-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: "Consent to enter, inspect and take photographs was given by: Ernest Garcia The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into CERS is required between January 1 and March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission within 30 days of that change. As a reminder, you must complete [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Ernest Garcia, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-21-2016
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD - WASHINGTON IRVING JUNIOR HI (Continued)

S123500579

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-03-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent given by Jorge Saucedo, Plant Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ERNEST GARCIA, PLANT MANAGER
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Document Preparer
Entity Name: Irish Isaac
Entity Title: Not reported
Affiliation Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD - WASHINGTON IRVING JUNIOR HI (Continued)

S123500579

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE 21st FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90017
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE 21ST FL
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 241-3199,

Affiliation Type Desc: Parent Corporation
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE, 21ST. FLOOR
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 241-3199,

Affiliation Type Desc: Environmental Contact
Entity Name: SAMANTHA HAN
Entity Title: Not reported
Affiliation Address: 333 S BEAUDRY AVE, 21ST FLOOR
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90017
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAUSD - WASHINGTON IRVING JUNIOR HI (Continued)

S123500579

Entity Name: KIRK ROSKAM
 Entity Title: PRINCIPAL
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: Operator
 Entity Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: (213) 241-3199,

A3 IRVING MIDDLE SCHOOL
Target 3010 ESTARA AVENUE
Property LOS ANGELES, CA 90065

RCRA-LQG 1010313002
FINDS CAD982039653

Site 3 of 6 in cluster A

Actual:
404 ft.

RCRA-LQG:
 Date Form Received by Agency: 20120215
 Handler Name: IRVING MIDDLE SCHOOL
 Handler Address: 3010 ESTARA AVENUE
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAD982039653
 Contact Name: SOE AUNG
 Contact Address: S. BEAUDRY AVE
 Contact City,State,Zip: LOS ANGELES, CA 90017
 Contact Telephone: 213-241-3904
 Contact Fax: 213-241-6816
 Contact Email: SOE.AUNG@LAUSD.NET
 Contact Title: ENVI. HEALTH SUPERVISOR
 EPA Region: 09
 Land Type: District
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2011
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: S. BEAUDRY AVE
 Mailing City,State,Zip: LOS ANGELES, CA 90017
 Owner Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
 Owner Type: District
 Operator Name: IRVING MIDDLE SCHOOL
 Operator Type: District
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

IRVING MIDDLE SCHOOL (Continued)

1010313002

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20121106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2011

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVING MIDDLE SCHOOL (Continued)

1010313002

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Legal Status: State
Date Became Current: 20050101
Date Ended Current: Not reported
Owner/Operator Address: 333 S. BEAUDRY AVE, 20TH FLOOR
Owner/Operator City,State,Zip: LOS ANGELES, CA 90017
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Legal Status: District
Date Became Current: 19880617
Date Ended Current: Not reported
Owner/Operator Address: 333 S. BEAUDRY AVE
Owner/Operator City,State,Zip: LOS ANGELES, CA 90017
Owner/Operator Telephone: 213-241-3199
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: LAUSD-IRVING MIDDLE SCHOOL
Legal Status: State
Date Became Current: 20050101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: IRVING MIDDLE SCHOOL
Legal Status: District
Date Became Current: 19880617
Date Ended Current: Not reported
Owner/Operator Address: 3010 ESTARA AVENUE
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVING MIDDLE SCHOOL (Continued)

1010313002

Historic Generators:

Receive Date: 20060202
Handler Name: LAUSD-IRVING MIDDLE SCHOOL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20120215
Handler Name: IRVING MIDDLE SCHOOL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110022537673

Click Here:

Environmental Interest/Information System:

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVING MIDDLE SCHOOL (Continued)

1010313002

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**A4
Target
Property**

**LAUSD - WASHINGTON IRVING JUNIOR HI
3010 W ESTARA AVE
LOS ANGELES, CA 90065**

**FINDS 1023267879
N/A**

Site 4 of 6 in cluster A

**Actual:
404 ft.**

FINDS:
Registry ID: 110065575489

Click Here:

Environmental Interest/Information System:
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**A5
Target
Property**

**LAUSD/ IRVING JH
3010 ESTARA AVE
LOS ANGELES, CA 90065**

**CA HAZNET S113013253
CA HWTS N/A**

Site 5 of 6 in cluster A

**Actual:
404 ft.**

HAZNET:
Name: LAUSD/ IRVING JH
Address: 3010 ESTARA AVE
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900170000
Contact: PAT SCHAENEN
Telephone: 2132413356
Mailing Name: Not reported
Mailing Address: 333 S BEAUDRY AVE FL 21

Year: 2019
Gepaid: CAD982039653
TSD EPA ID: NVT330010000
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.03250

Year: 2018
Gepaid: CAD982039653
TSD EPA ID: CAD009007626
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.61000

Year: 2014
Gepaid: CAD982039653
TSD EPA ID: CAD009007626
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As

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LAUSD/ IRVING JH (Continued)

S113013253

Tons:	Landfill(To Include On-Site Treatment And/Or Stabilization) 0.4
Year:	2014
Gepaid:	CAD982039653
TSD EPA ID:	UTD981552177
CA Waste Code:	461 - Paint sludge
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.0225
Year:	2014
Gepaid:	CAD982039653
TSD EPA ID:	UTD981552177
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.055
Year:	2014
Gepaid:	CAD982039653
TSD EPA ID:	UTD981552177
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.375
Year:	2014
Gepaid:	CAD982039653
TSD EPA ID:	UTD981552177
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.055
Year:	2012
Gepaid:	CAD982039653
TSD EPA ID:	CAD028409019
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1435
Year:	2012
Gepaid:	CAD982039653
TSD EPA ID:	CAD028409019
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.075
Year:	2011
Gepaid:	CAD982039653
TSD EPA ID:	CAD009007626
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	16

[Click this hyperlink](#) while viewing on your computer to access 26 additional CA HAZNET: record(s) in the EDR Site Report.

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LAUSD/ IRVING JH (Continued)

S113013253

Additional Info:

Year:	2003
Gen EPA ID:	CAD982039653
Shipment Date:	20030206
Creation Date:	5/19/2003 18:31:05
Receipt Date:	20030212
Manifest ID:	22567313
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.165
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030206
Creation Date:	5/19/2003 18:31:05
Receipt Date:	20030212
Manifest ID:	22567313
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030206
Creation Date:	5/19/2003 18:31:05
Receipt Date:	20030212
Manifest ID:	22567313
Trans EPA ID:	CAD983668583

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LAUSD/ IRVING JH (Continued)

S113013253

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAD982039653

Shipment Date: 19970410
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19970414
Manifest ID: 96157762
Trans EPA ID: CAD000057760
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D003
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970410
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19970414
Manifest ID: 96157762
Trans EPA ID: CAD000057760
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported

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LAUSD/ IRVING JH (Continued)

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TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970410
Creation Date: 6/26/1997 0:00:00
Receipt Date: 19970414
Manifest ID: 96157765
Trans EPA ID: CAD000057760
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970410
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19970414
Manifest ID: 96157762
Trans EPA ID: CAD000057760
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: Not reported
TSDF Alt EPA ID: CAD044429835
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported

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LAUSD/ IRVING JH (Continued)

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Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19970410
Creation Date: 9/12/1997 0:00:00
Receipt Date: 19970414
Manifest ID: 96157762
Trans EPA ID: CAD000057760
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: CAD044429835
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: D99 - Disposal, Other
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2000
Gen EPA ID: CAD982039653

Shipment Date: 20000811
Creation Date: 10/23/2000 0:00:00
Receipt Date: 20000814
Manifest ID: 20103180
Trans EPA ID: CAL000115612
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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LAUSD/ IRVING JH (Continued)

S113013253

Shipment Date: 20000114
Creation Date: 4/28/2000 0:00:00
Receipt Date: 20000131
Manifest ID: 99547230
Trans EPA ID: CAL000115612
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: CAT080033681
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2001
Gen EPA ID: CAD982039653

Shipment Date: 20010731
Creation Date: 10/3/2001 0:00:00
Receipt Date: 20010808
Manifest ID: 20978204
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: WAD991281767
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010604
Creation Date: 8/14/2001 0:00:00
Receipt Date: 20010620
Manifest ID: 20977883
Trans EPA ID: CAD982030173

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LAUSD/ IRVING JH (Continued)

S113013253

Trans Name: Not reported
Trans 2 EPA ID: CAT000624247
Trans 2 Name: Not reported
TSDf EPA ID: WAD991281767
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010501
Creation Date: 7/20/2001 0:00:00
Receipt Date: 20010605
Manifest ID: 20971472
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: CAT000624247
Trans 2 Name: Not reported
TSDf EPA ID: WAD991281767
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010501
Creation Date: 7/20/2001 0:00:00
Receipt Date: 20010605
Manifest ID: 20971472
Trans EPA ID: CAD982030173
Trans Name: Not reported
Trans 2 EPA ID: CAT000624247
Trans 2 Name: Not reported
TSDf EPA ID: WAD991281767
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008

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LAUSD/ IRVING JH (Continued)

S113013253

Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010206
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010306
Manifest ID:	20138990
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010206
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010306
Manifest ID:	20138990
Trans EPA ID:	CAD982030173
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

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LAUSD/ IRVING JH (Continued)

S113013253

Shipment Date: 20010104
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20010108
Manifest ID: 20863956
Trans EPA ID: CAL000115612
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: AZC950823111
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 29.498
Waste Quantity: 35
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2006
Gen EPA ID: CAD982039653

Shipment Date: 20061228
Creation Date: 4/19/2007 18:30:14
Receipt Date: 20070102
Manifest ID: 000172169JJK
Trans EPA ID: CAR000152058
Trans Name: EARTHWISE SERVICES LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: AZUSA LAND RECLAMATION
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 1.6
Waste Quantity: 4
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060322
Creation Date: 7/27/2006 18:39:10
Receipt Date: 20060405
Manifest ID: 24657489

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EDR ID Number
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LAUSD/ IRVING JH (Continued)

S113013253

Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	GENERAL ENVIRONMENTAL MGMT
TSDf EPA ID:	CAD980884183
Trans Name:	GEM
TSDf Alt EPA ID:	CAD980884183
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2009
Gen EPA ID:	CAD982039653
Shipment Date: 20090312	
Creation Date: 4/15/2009 18:30:09	
Receipt Date: 20090318	
Manifest ID: 005356337JJK	
Trans EPA ID: CAD982030173	
Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)	
Trans 2 EPA ID: Not reported	
Trans 2 Name: Not reported	
TSDf EPA ID: CAD028409019	
Trans Name: CROSBY & OVERTON	
TSDf Alt EPA ID: Not reported	
TSDf Alt Name: Not reported	
Waste Code Description: 181 - Other inorganic solid waste Organics	
RCRA Code: D008	
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)	
Quantity Tons: 0.05	
Waste Quantity: 100	
Quantity Unit: P	
Additional Code 1: Not reported	
Additional Code 2: Not reported	
Additional Code 3: Not reported	
Additional Code 4: Not reported	
Additional Code 5: Not reported	
Additional Info:	
Year:	2014
Gen EPA ID:	CAD982039653
Shipment Date: 20140604	
Creation Date: Not reported	
Receipt Date: Not reported	

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LAUSD/ IRVING JH (Continued)

S113013253

Manifest ID: 006966081FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140604
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 006966081FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140604
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 006966081FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

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LAUSD/ IRVING JH (Continued)

S113013253

Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140604
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006966081FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140604
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006966081FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

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LAUSD/ IRVING JH (Continued)

S113013253

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140604
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006966081FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140604
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006966081FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140604
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006966081FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140604
Creation Date: 11/11/2014 22:15:05
Receipt Date: 20140612
Manifest ID: 006966081FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.055
Waste Quantity: 110
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140604
Creation Date: 11/11/2014 22:15:05
Receipt Date: 20140612
Manifest ID: 006966081FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: CAR000187922
Trans 2 Name: RUST & SONS
TSDf EPA ID: UTD981552177
Trans Name: CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Quantity Tons: 0.055
 Waste Quantity: 110
 Quantity Unit: P
 Additional Code 1: Not reported
 Additional Code 2: Not reported
 Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

Additional Info:

Year: 2011
 Gen EPA ID: CAD982039653

Shipment Date: 20110524
 Creation Date: 7/23/2011 18:30:32
 Receipt Date: 20110606
 Manifest ID: 007077967JJK
 Trans EPA ID: CAR000152058
 Trans Name: EARTHWISE SERVICES LLC
 Trans 2 EPA ID: Not reported
 Trans 2 Name: Not reported
 TSDf EPA ID: CAD028409019
 Trans Name: CROSBY & OVERTON
 TSDf Alt EPA ID: Not reported
 TSDf Alt Name: Not reported
 Waste Code Description: 181 - Other inorganic solid waste Organics
 RCRA Code: D008
 Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0125
 Waste Quantity: 25
 Quantity Unit: P
 Additional Code 1: Not reported
 Additional Code 2: Not reported
 Additional Code 3: Not reported
 Additional Code 4: Not reported
 Additional Code 5: Not reported

Shipment Date: 20110520
 Creation Date: 11/12/2011 18:30:22
 Receipt Date: 20110527
 Manifest ID: 007937786JJK
 Trans EPA ID: CAD982030173
 Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
 Trans 2 EPA ID: Not reported
 Trans 2 Name: Not reported
 TSDf EPA ID: NVT330010000
 Trans Name: US ECOLOGY
 TSDf Alt EPA ID: Not reported
 TSDf Alt Name: Not reported
 Waste Code Description: 181 - Other inorganic solid waste Organics
 RCRA Code: D008
 Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 8.428
 Waste Quantity: 10
 Quantity Unit: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110324
Creation Date: 6/4/2011 18:30:11
Receipt Date: 20110328
Manifest ID: 005850107JJK
Trans EPA ID: CAR000152058
Trans Name: EARTHWISE SERVICES LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: AZUSA LAND RECLAMATION
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 16
Waste Quantity: 40
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAD982039653

Shipment Date: 20120831
Creation Date: 11/13/2012 22:15:06
Receipt Date: 20120907
Manifest ID: 009467116JJK
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Additional Code 5:	Not reported
Shipment Date:	20120831
Creation Date:	11/13/2012 22:15:06
Receipt Date:	20120907
Manifest ID:	009467116JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	725 - Liquids with mercury > 20 mg/l
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009467114JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year: 1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Gen EPA ID:	CAD982039653
Shipment Date:	19991019
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991022
Manifest ID:	99286299
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990930
Creation Date:	12/16/1999 0:00:00
Receipt Date:	19991008
Manifest ID:	96015574
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009007626
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990917
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	98780554
Trans EPA ID:	CAL000115612
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: CAT080033681
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990726
Creation Date: 9/21/1999 0:00:00
Receipt Date: 19990729
Manifest ID: 98780417
Trans EPA ID: CAL000115612
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990514
Creation Date: 7/7/1999 0:00:00
Receipt Date: 19990517
Manifest ID: 98649681
Trans EPA ID: CAL000115612
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: CAT080033681
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990126
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990127
Manifest ID:	96015491
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009007626
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	5.8996
Waste Quantity:	7
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990122
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990122
Manifest ID:	96015487
Trans EPA ID:	CAR000017657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009007626
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	25.284
Waste Quantity:	30
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Additional Info:

Year:	2008
Gen EPA ID:	CAD982039653
Shipment Date:	20080627
Creation Date:	9/12/2008 18:30:07
Receipt Date:	20080702
Manifest ID:	004100111JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080627
Creation Date:	9/12/2008 18:30:07
Receipt Date:	20080702
Manifest ID:	004100111JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080627
Creation Date:	9/12/2008 18:30:07
Receipt Date:	20080702

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Manifest ID: 004100111JJK
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080627
Creation Date: 9/12/2008 18:30:07
Receipt Date: 20080702
Manifest ID: 004100111JJK
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080627
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 004100111JJK
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080627
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004100111JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080627
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004100111JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080627
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004100111JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080627
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	004100111JJK
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Shipment Date: 20080627
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 004100111JJK
Trans EPA ID: CAD982030173
Trans Name: ECOLOGY CONTROL INDUSTRIES (MONTCLAIR)
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CAD982039653

Shipment Date: 20020815
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020821
Manifest ID: 21991786
Trans EPA ID: CAD983668583
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020815
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020821
Manifest ID: 21991786

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Trans EPA ID: CAD983668583
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0425
Waste Quantity: 85
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020815
Creation Date: 3/14/2003 18:31:30
Receipt Date: 20020821
Manifest ID: 21991786
Trans EPA ID: CAD983668583
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code: D009
Meth Code: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020510
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020515
Manifest ID: 21214659
Trans EPA ID: CAL000115612
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

RCRA Code:	D008
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020122
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020130
Manifest ID:	21784912
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020122
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020130
Manifest ID:	21784912
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD028409019
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Additional Code 5:	Not reported
Additional Info:	
Year:	2005
Gen EPA ID:	CAD982039653
Shipment Date:	20050908
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	24707398
Trans EPA ID:	CAR000017657
Trans Name:	BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID:	CAD083003699
Trans 2 Name:	LUTREL
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	25.284
Waste Quantity:	30
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050908
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	24220520
Trans EPA ID:	CAR000017657
Trans Name:	BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID:	CAD083003699
Trans 2 Name:	LUTREL
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050617
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050624

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Manifest ID: 23623679
Trans EPA ID: CAR000017657
Trans Name: BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 33.712
Waste Quantity: 40
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050323
Creation Date: 6/1/2005 18:31:04
Receipt Date: 20050331
Manifest ID: 23623689
Trans EPA ID: CAR000017657
Trans Name: BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID: CAD083003699
Trans 2 Name: LUTREL
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 29.498
Waste Quantity: 35
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050316
Creation Date: 6/2/2005 18:30:59
Receipt Date: 20050318
Manifest ID: 23619400
Trans EPA ID: CAR000049064
Trans Name: ECTI
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: AZUSA LAND RECLAMATION
TSDf Alt EPA ID: CAD009007626
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050221
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050223
Manifest ID:	23619306
Trans EPA ID:	CAR000049064
Trans Name:	ECTI
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009007626
Trans Name:	AZUSA LAND RECLAMATION
TSDf Alt EPA ID:	CAD009007626
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050218
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050228
Manifest ID:	24222928
Trans EPA ID:	CAR000017657
Trans Name:	BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID:	CAR000045963
Trans 2 Name:	ARO TRUCKING
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	30.3408
Waste Quantity:	36
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050215
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050223
Manifest ID:	23619246
Trans EPA ID:	CAR000049064
Trans Name:	ECTI
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009007626
Trans Name:	AZUSA LAND RECLAMATION
TSDf Alt EPA ID:	CAD009007626
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050203
Creation Date:	4/2/2005 18:31:07
Receipt Date:	20050207
Manifest ID:	23619305
Trans EPA ID:	CAR000049064
Trans Name:	ECTI
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD009007626
Trans Name:	AZUSA LAND RECLAMATION
TSDf Alt EPA ID:	CAD009007626
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050124
Creation Date:	4/20/2006 18:32:04
Receipt Date:	20050127
Manifest ID:	23619264
Trans EPA ID:	CAR000049064
Trans Name:	ECTI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAUSD/ IRVING JH (Continued)

S113013253

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: AZUSA LAND RECLAMATION
TSDf Alt EPA ID: CAD009007626
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 33.712
Waste Quantity: 40
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: LAUSD/ IRVING JH
Address: 3010 ESTARA AVE
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
EPA ID: CAD982039653
Inactive Date: Not reported
Create Date: 06/17/1988
Last Act Date: 08/27/2020
Mailing Name: Not reported
Mailing Address: 333 S BEAUDRY AVE FL 21
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900170000
Owner Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner Address: 333 S BEAUDRY AVE FL 21
Owner Address 2: LAUSD OEHS
Owner City,State,Zip: LOS ANGELES, CA 900170000
Contact Name: SAMANTHA HAN
Contact Address: 333 S. BEAUDRY AVE, 21ST FLOOR
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90017

NAICS:

EPA ID: CAD982039653
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 61111
NAICS Description: Elementary and Secondary Schools
Issued EPA ID Date: 1988-06-17 00:00:00
Inactive Date: Not reported
Facility Name: LAUSD/ IRVING JH
Facility Address: 3010 ESTARA AVE
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900650000

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A6
Target
Property

IRVING MIDDLE SCHOOL
3010 ESTARA AVENUE
LOS ANGELES, CA 90065

ECHO **1025894316**
N/A

Site 6 of 6 in cluster A

Actual:
404 ft.

ECHO:
Envid: 1025894316
Registry ID: 110022537673
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110022537673>
Name: IRVING MIDDLE SCHOOL
Address: 3010 ESTARA AVENUE
City,State,Zip: LOS ANGELES, CA 90065

NPL
Region
WSW
< 1/8
444 ft.

SAN FERNANDO VALLEY (AREA 1)
NORTH HOLLYWOOD WELLFIELD AREA
NORTH HOLLYWOOD, CA 91601

NPL **1000709322**
SEMS **CAD980894893**
US ENG CONTROLS
US INST CONTROLS
CA ENVIROSTOR
CA HIST Cal-Sites
ROD
PRP
CONSENT
FINDS
ECHO
CA Cortese

NPL:
EPA Region: 9
EPA ID: CAD980894893
Site ID: 902251
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
Federal: N
Final Date: 1986-06-10 00:00:00
Latitude: 34.19
Longitude: -118.3514
Site Score: 42.240000000000002
NAI: Not reported
Native American Entity: Not reported

NPL:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
CAS Number: Not reported
Substance: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U044
CAS Number: 67-66-3
Substance: CHLOROFORM
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U210
CAS Number: 127-18-4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Substance: TETRACHLOROETHENE
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
CAS Number: 56-23-5
Substance: CARBON TETRACHLORIDE
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U228
CAS Number: 79-01-6
Substance: TRICHLOROETHYLENE (TCE)
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): San Fernando Valley Area 1) is an area of contaminated ground water in the vicinity of the North Hollywood section of the City of Los Angeles, Los Angeles County, California. This area is part of the San Fernando Valley Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an area of approximately 5,156 acres, contains trichloroethylene (TCE) and perchloroethylene (PCE), and to a lesser extent, carbon tetrachloride and chloroform, according to analyses conducted by the California Department of Health Services, as well as numerous local government agencies. The State s recommended drinking water guideline for TCE and PCE (5 and 4 parts per billion respectively) are exceeded in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with water from clean sources to ensure that the public receives water with TCE/PCE concentrations below the State s guidelines. Status June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area. The RI is scheduled to begin in early 1986.

NPL:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 1

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:
NPL Name: SAN FERNANDO VALLEY (AREA 1)

NPL:
EPA Region: 09
Site ID: 0902251

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 06/10/86
Date Proposed: 10/15/84

NPL:
Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported
NPL Status: Final

SEMS:
Site ID: 0902251
EPA ID: CAD980894893
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
Address 2: Not reported
City,State,Zip: NORTH HOLLYWOOD, CA 91601
Cong District: 27,28
FIPS Code: 06037
Latitude: +34.190000
Longitude: -118.351400
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 4
Start Date: 2008-04-24 04:00:00
Finish Date: 9/30/2008 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 1998-08-17 04:00:00
Finish Date: 8/17/1998 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	5
Start Date:	2013-05-20 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1991-06-17 04:00:00
Finish Date:	6/17/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	2
Start Date:	2008-09-10 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	RC
Action Name:	RVL CRP
SEQ:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Start Date: 1990-09-11 04:00:00
Finish Date: 5/23/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 3
Start Date: 1987-09-24 04:00:00
Finish Date: 9/24/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: GM
Action Name: GWTRMON
SEQ: 1
Start Date: 2019-09-18 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: FS
Action Name: FS
SEQ: 1
Start Date: 2006-01-23 05:00:00
Finish Date: 9/30/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Action Code: MA
Action Name: ST COOP
SEQ: 5
Start Date: 2012-03-21 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 3
Start Date: 2011-09-26 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 5
Start Date: 2004-04-15 04:00:00
Finish Date: 9/30/2004 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: RO
Action Name: ROD
SEQ: 4
Start Date: 2009-09-30 04:00:00
Finish Date: 9/30/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 3
Start Date: 2008-09-10 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: TA
Action Name: TECH ASSIST
SEQ: 3
Start Date: 2019-08-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 6
Start Date: 2013-09-30 05:00:00
Finish Date: 9/30/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1990-08-29 04:00:00
Finish Date: 8/29/1990 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 3
Start Date: 2000-07-18 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 4
Start Date: 2012-03-21 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 1993-07-08 04:00:00
Finish Date: 7/8/1993 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1985-03-18 06:00:00
Finish Date: Not reported
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-04-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1986-06-10 04:00:00
Finish Date:	6/10/1986 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	1990-08-27 04:00:00
Finish Date:	5/23/1991 4:00:00 AM
Qual:	C
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	RO
Action Name:	ROD
SEQ:	2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Start Date: 1989-06-30 04:00:00
Finish Date: 6/30/1989 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1984-10-15 05:00:00
Finish Date: 10/15/1984 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 4
Start Date: 2011-08-10 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 1988-01-12 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 1991-06-17 04:00:00
Finish Date: 10/8/2020 5:00:00 AM
Qual: V
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 7
Start Date: 2017-10-17 05:00:00
Finish Date: 9/21/2018 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: TA
Action Name: TECH ASSIST
SEQ: 2
Start Date: 2017-07-06 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FP
Action Name: FPA
SEQ: 1
Start Date: 1984-08-23 05:00:00
Finish Date: 10/8/2020 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2003-06-20 04:00:00
Finish Date: 9/30/2003 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: TA
Action Name: TECH ASSIST
SEQ: 1
Start Date: 1985-09-30 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: BE
Action Name: PRP RD
SEQ: 6
Start Date: 2011-02-14 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1992-03-25 05:00:00
Finish Date: 11/22/1993 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI
SEQ: 1
Start Date: 1994-02-18 05:00:00
Finish Date: 9/9/1994 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 1999-12-01 05:00:00
Finish Date: 11/6/2017 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 3
Start Date: 1992-07-27 04:00:00
Finish Date: 11/22/1993 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 3
Start Date: 1997-09-30 04:00:00
Finish Date: 3/12/1999 5:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 2
Start Date: 1993-11-22 05:00:00
Finish Date: 3/12/1999 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1994-02-18 05:00:00
Finish Date: 9/9/1994 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 1992-03-25 05:00:00
Finish Date: 9/30/1997 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Start Date: 1993-11-22 05:00:00
Finish Date: 3/12/1999 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: BE
Action Name: PRP RD
SEQ: 8
Start Date: 2017-09-05 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BD
Action Name: PRP RI/FS
SEQ: 2
Start Date: 2018-01-18 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1989-06-26 04:00:00
Finish Date: Not reported
Qual: E
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Action Code: ED
Action Name: R/H ASMT
SEQ: 1
Start Date: 1992-12-15 05:00:00
Finish Date: 12/15/1992 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RD
Action Name: RD
SEQ: 1
Start Date: 1987-04-01 05:00:00
Finish Date: 9/24/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 1985-08-16 05:00:00
Finish Date: 9/24/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

NPL: F
FF: N
OU: 02
Action Code: RA
Action Name: RA
SEQ: 1
Start Date: 1987-08-06 04:00:00
Finish Date: 9/4/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: CO
Action Name: RI/FS
SEQ: 3
Start Date: 1988-01-15 05:00:00
Finish Date: 6/30/1989 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 09

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: LR
Action Name: LT RESP
SEQ: 1
Start Date: 1989-12-01 05:00:00
Finish Date: 12/1/1999 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: JF
Action Name: ECO RISK
SEQ: 1
Start Date: 1992-12-15 05:00:00
Finish Date: 12/15/1992 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-12-01 05:00:00
Finish Date: 12/1/1983 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Site:
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
Address 2: Not reported
City,State,Zip: NORTH HOLLYWOOD, CA 91601
Event Code: Not reported
Action Taken Date: 01/10/2014
EPA ID: CAD980894893
Action Name: ROD Amendment
Action ID: 1
Operable Unit: 04
Contaminated Media: Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2014
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

Media:

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 11/12/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 11/12/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1991
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 02/12/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1997
NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 04
Action Name: ROD Amendment
Action Taken Date: 01/10/2014
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2014
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 04
Action Name: ROD Amendment
Action Taken Date: 01/10/2014
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2014
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1989
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Action ID: 2
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1989
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1989
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1989
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/24/1987
Event Code: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/24/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/24/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/24/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 1987
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Latitude:	+34.190000
Longitude:	-118.351400
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/24/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	1987
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.190000
Longitude:	-118.351400
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Action ID:	4
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2009
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.190000
Longitude:	-118.351400
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Action ID:	4
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	N
Fiscal Year:	2009
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	+34.190000
Longitude:	-118.351400
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Action ID:	4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/30/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/30/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/30/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/30/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Event: Not reported
Federal Facility: N
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

EPA ID: CAD980894893
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 04
Action Name: Record of Decision
Action Taken Date: 09/30/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

US INST CONTROLS:

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
Address 2: Not reported
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
Action Name: Record of Decision
Action ID: 4
Operable Unit: 04
Actual Date: 09/30/2009
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: N
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: +34.190000
Longitude: -118.351400

ENVIROSTOR:

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: LOS ANGELES, CA 91601
Facility ID: 19990011
Status: Active
Status Date: 05/15/1996
Site Code: 300173

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 5254
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 4 - Los Angeles, US EPA
Lead Agency: US EPA
Program Manager: Laura Radke
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 39
Senate: 18
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.1875
Longitude: -118.3838
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, MACHINE SHOP, MANUFACTURING - METAL, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, RESEARCH - AEROSPACE
Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI
Potential Description: AQUI, SOIL
Alias Name: 300126/NORTH HOLLYWOOD OUF5
Alias Type: Alternate Name
Alias Name: 300287/SAN FERNANDO VALLEY GW BASIN AREA 1
Alias Type: Alternate Name
Alias Name: BURBANK OU
Alias Type: Alternate Name
Alias Name: CAD980894893
Alias Type: CERCLIS ID
Alias Name: 110009267961
Alias Type: EPA (FRS #)
Alias Name: P31031
Alias Type: PCode
Alias Name: 300126
Alias Type: Project Code (Site Code)
Alias Name: 300173
Alias Type: Project Code (Site Code)
Alias Name: 19990011
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/03/2020
Comments: Not reported
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 07/08/2021
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/24/1997
Comments: A second partial Consent Decree, dated June 24, 1997, requires reimbursement to the State by Lockheed-Martin of certain past costs and annual billing for future site specific response costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/14/1997
Comments: The second partial consent decree to recover DTSC's past cost is signed on May 14, 1997. This also concludes the litigation for the interim remedy at the North Hollywood OU.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/01/1996
Comments: The first partial consent decree is entered by the Federal District court on August 1, 1996.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/06/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/16/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/11/2018

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Comments: 300126-SM closed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim
Completed Date: 09/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/27/2017
Comments: EPA Issues updated fact sheet with proposed changes to NHOU remedy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/21/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/15/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/10/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/10/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/10/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/10/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/10/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/10/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/11/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/10/2021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Comments: c

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/09/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/19/2021
Comments: 60% Design comments will be addressed in the 90% Design Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/11/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/15/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/15/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/17/1998
Comments: A second 5-year review of remedial activities is conducted at the North Hollywood OU (NHOU) and covers operations from 1993 thru 1997. The purpose was to evaluate whether the NH Interim Remedy achieved the objectives specified in the ROD. The findings of the 5-year review are that the objectives of the ROD have been met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Completed Date: 11/17/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/31/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 04/30/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/31/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/30/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 01/08/2009
Comments: DTSCs letter with comments on Focussed Feasibility Study document for North Hollywood Operable Unit, San Fernando Valley Area 1 was sent out.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Consent Decree
Schedule Due Date: 09/03/2021
Schedule Revised Date: Not reported

Calsite:

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City: LOS ANGELES
Region: GLENDALE
Facility ID: 19990011
Facility Type: NPJF
Type: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 05151996
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 99
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 43
State Senate District Code: 20
Facility ID: 19990011
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: NH
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09301987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: NH
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09301987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: NH
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 03311989
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

AWP Code: B
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06301989
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: B
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06301989
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04301990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	DES
Activity Name:	DESIGN
AWP Code:	B-PH1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03311997
Est Person-Yrs to complete:	0.30000
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	NH1/1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09041996
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: OM
Activity Name: OPERATION & MAINTENANCE
AWP Code: NH OU
Proposed Budget: 0
AWP Completion Date: 06302009
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: M
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: COST
Activity Name: COST RECOVERY
AWP Code: NH2/1
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06201997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: DES
Activity Name: DESIGN
AWP Code: B-PH2
Proposed Budget: 0
AWP Completion Date: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Revised Due Date:	Not reported
Comments Date:	11171997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CSNH1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08011996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CSNH2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05141997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

Map ID
Direction
Distance
Elevation

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Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: CD-B2
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06241997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19990011
Activity: 5YEAR
Activity Name: FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code: NH OU
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08171998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0

MAP FINDINGS

SAN FERNANDO VALLEY (AREA 1) (Continued)

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Alternate Address: NORTH HOLLYWOOD AREA
Alternate City,St,Zip: NORTH HOLLYWOOD, CA 91606
Alternate Address: NORTH HOLLYWOOD WELLFIELD AREA
Alternate City,St,Zip: LOS ANGELES, CA 91601
Alternate Address: BURBANK
Alternate City,St,Zip: BURBANK, CA 91502
Background Info: The San Fernando Valley Ground Water Basin (SFVGWB) is located within the Upper Los Angeles River Area, and consists of the eastern portion of the San Fernando Valley and the entire Verdugo Basin. The SFVGWB encompasses approximately 112,000 acres of alluvial valley fill deposits and provides enough water to serve approximately 600,000 residents. The Basin is bounded on the north and the northwest by the Santa Susana Mountains, on the northeast by the San Gabriel Mountains, on the west by the Simi Hills and on the south by the Santa Monica Mountains. The San Fernando Valley Study area includes four National Priorities List (NPL) sites. They are:
Area #1 - North Hollywood NPL Site covers 9336 acres in the eastern part of the San Fernando Valley. The site has been divided into the North Hollywood Operable Unit(OU) and the Burbank OU.
Area #2 - Crystal Springs NPL Site covers 3975 acres located southeast of the North Hollywood NPL site and is in the cities of Glendale and Los Angeles.
Area #3 - Verdugo NPL Site covers 2673 acres in the eastern part of the SF Valley and is located in and adjacent to La Crescenta in the Verdugo Mountains.
Area #4 - the Pollock NPL Site covers 1635 acres in the south-eastern part of the San Fernando Valley and is located in and adjacent to the cities of Los Angeles and Glendale.
Groundwater contamination in the SFVGWB is linked to prewar, postwar, and current industrialization in the San Fernando Valley.
The primary contaminants of concern are the volatile organic compounds (VOCs) trichloroethylene (TCE) and tetrachloroethylene (PCE). These compounds have been and/or are being used in many San Fernando Valley industries, such as aeronautical, automotive dry cleaning, and metal plating. These solvents have found their way to the groundwater basin as a result of both past and improper use, storage and disposal practices. The SFVGWB Superfund sites, added to the NPL in 1986, are areas where groundwater from wells have been found to contain VOCs above the state and federal drinking water standards. Groundwater contamination in numerous wells have been so severe with TCE and PCE that these wells have essentially been put out of commission. Exposure of receptors to contaminants can possibly occur through ingestion of contaminated drinking water, inhalation of VOC vapors released from the contaminated water as in taking showers, and dermal exposure as in washing or bathing. However, with the strict regulatory control over water quality by the State's Department of Health, Office of Drinking Water (ODW), the RWQCB, and other agencies, residents are assured that the water they consume is safe and that no one is drinking water which contains concentrations of contaminants above regulatory standards. Federal, state, and local agencies have been conducting investigations and cleanup of contaminated groundwater in the San Fernando Valley since contamination was

SAN FERNANDO VALLEY (AREA 1) (Continued)

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discovered in 1979. These activities involve measuring the extent of contamination, developing and implementing cleanup remedies, and identifying responsible parties. EPA provided oversight of the basinwide Remedial Investigation (RI) of groundwater contamination conducted by the Los Angeles Department of Water and Power (LADWP). The RI objectives were to collect lithological and water quality data and information regarding basin operations for the eastern SF and Verdugo basins; develop a regional characterization of geology, hydrology, hydrogeology and the nature and extent of groundwater contamination within the eastern and Verdugo basins; study fate and transport of compounds in the environment; identify Applicable or Relevant and Appropriate Requirements; (ARAR's) and evaluate the potential risk to human health and the environment. The Remedial Investigation of the SFVGWB was divided into two phases.

Phase I activities have included vertical profile borings and installation of monitoring wells to obtain preliminary contamination information. Monitoring wells have been installed as follows: 34 in North Hollywood (Area #1); 29 in Crystal Springs (Area #2); 7 in Verdugo (Area #3); and 17 in Pollock (Area #4).

Information obtained from Phase I investigation activities identified the need for several operable units. Operable Unit is a federal term which is similar to the State's definition of a removal action.

Phase II activities consist of a basinwide remedial investigation conducted by the LADWP.

Remedial Actions (RAs):

North Hollywood (Area #1) -- Two RAs were identified for Area #1, the North Hollywood OU and the Burbank OU.

A Record of Decision (ROD) for the North Hollywood RA was signed in September 1987, selecting groundwater extraction and treatment (air stripping) of 2,000 gallons per minute (gpm) of contaminated water as an interim remedy. This RA was constructed with funding from EPA and the State and has been treating contaminated groundwater since March 1989. This facility is located at 11845 Vose Street in the N. Hollywood section of Los Angeles.

A ROD for the Burbank OU was signed in June 1989, again selecting groundwater extraction and treatment of about 12,000 gpm of contaminated water. Phase I of the Burbank OU began operations in January 1996 treating groundwater at a rate of 6,000 gpm. Phase II began operations in May 1998 adding an additional 3,000 gpm to the Burbank OU's treatment capacity.

Crystal Springs (Area #2) -- LADWP has completed a focused RI/FS for this proposed RA. The Glendale OU has been separated into a North OU and a South OU based on the amount of contamination and the facilities contributing to the GW contamination. A ROD for each OU was signed on June 18, 1993 designating groundwater extraction and treatment as the interim remeday. The PRPs have formed a group and combined the RA efforts for each OU into one document. The selected alternative is GW extraction and treatment. The Glendale OU began operations in September 2000.

Verdugo and Pollock (Areas #3 and #4) --

Map ID
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Elevation

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SAN FERNANDO VALLEY (AREA 1) (Continued)

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Currently no RAs have been identified for Area #3 or for Area #4. In October 2003 US EPA proposed No Remedial Action for Verdugo Basin (Area #3). Another contaminant of concern, hexavalent chromium, has been identified in the San Fernando Valley Groundwater Basin.

EPA and the RWQCB are currently identifying potential sources of contamination and pursuing PRPs that may be responsible for contaminating groundwater. As these PRPs are identified, individual site investigations and mitigation activities will be pursued. Enforceable agreements and orders will be implemented at numerous specific potential source sites within the Basin by RWQCB and DTSC

Comments Date: 01011984
Comments: Groundwater contaminated with TCE and PCE is discovered.
Comments Date: 01011984
Comments: Site covers approximately 5254 acres.
Comments Date: 04141996
Comments: Consent Decree between EPA, DTSC and settling PRPs lodged
Comments Date: 04141996
Comments: with the court. Negotiations with non-settling PRPs
Comments Date: 04141996
Comments: continue.
Comments Date: 04241994
Comments: The U.S. EPA is in the process of recovering costs from
Comments Date: 04241994
Comments: the PRPs. DOJ is pursuing the cost recovery for DTSC.
Comments Date: 04241994
Comments: The cooperative PRPs are willing to settle if they are
Comments Date: 04241994
Comments: guaranteed contribution protection from the non-settling
Comments Date: 04241994
Comments: PRPs (so that they cannot be named as a party to the
Comments Date: 04241994
Comments: suit by the non-settling PRPs). DTSC is providing
Comments Date: 04241994
Comments: documentation to DOJ (i.e. timesheets) to determine
Comments Date: 04241994
Comments: staff time charged to the project. EPA is pursuing
Comments Date: 04241994
Comments: legal action against the non-settling PRPs to recover
Comments Date: 04241994
Comments: costs of past and future oversight.
Comments Date: 05022002
Comments: EPA issues fine against Lockheed Martin for 1.37 million for
Comments Date: 05022002
Comments: Force Majeure claim on Burbank Operable Unit.
Comments Date: 05131998
Comments: 11/17/97-The phase 2 design adds an additional well (wp-180)
Comments Date: 05131998
Comments: and pipeline for extraction and treatment at the Burbank
Comments Date: 05131998
Comments: operable unit. This adds an additional 3,000 gpm to the treatment
Comments Date: 05131998
Comments: system. Additional amendments to the design include changing the
Comments Date: 05131998
Comments: Liquid Phase Granular Activated Carbon (LPGAC) bed system from an

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

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Comments Date: 05131998
Comments: upflow to a downflow configuration, and the addition of a LPGAC
Comments Date: 05131998
Comments: backflush filtration system for continuous backflush to the
Comments Date: 05131998
Comments: plant's storm drain discharge.
Comments Date: 05141997
Comments: The second partial consent decree to recover DTSC's past cost is
Comments Date: 05141997
Comments: signed on May 14, 1997. This also concludes the litigation for
Comments Date: 05141997
Comments: the interim remedy at the North Hollywood OU.
Comments Date: 06201997
Comments: DTSC recovers costs in accordance with the Second Partial
Comments Date: 06201997
Comments: Consent Decree for the interim remedy at the NHOU. Two
Comments Date: 06201997
Comments: additional payments are due by 5/14/98 and and 5/14/99.
Comments Date: 06241997
Comments: A second partial Consent Decree, dated June 24, 1997, requires
Comments Date: 06241997
Comments: reimbursement to the State by Lockheed-Martin of certain past
Comments Date: 06241997
Comments: costs and annual billing for future site specific response costs.
Comments Date: 08011996
Comments: The first partial consent decree is entered by the Federal
Comments Date: 08011996
Comments: District court on August 1, 1996.
Comments Date: 08171998
Comments: A second 5-year review of remedial activities is conducted at
Comments Date: 08171998
Comments: the North Hollywood OU (NHOU) and covers operations from 1993
Comments Date: 08171998
Comments: thru 1997. The purpose was to evaluate whether the NH Interim
Comments Date: 08171998
Comments: Remedy achieved the objectives specified in the ROD. The
Comments Date: 08171998
Comments: findings of the 5-year review are that the objectives of the
Comments Date: 08171998
Comments: ROD have been met.
Comments Date: 09041996
Comments: Costs are recovered by DTSC in accordance with the First
Comments Date: 09041996
Comments: Partial Consent Decree for interim remedial action at the North
Comments Date: 09041996
Comments: Hollywood OU (NHOU). An additional payment is due by 08/01/97.
Comments Date: 09202001
Comments: The facility has been operating continuously with six water
Comments Date: 09202001
Comments: supply wells on line. This past quarter approximately 175
Comments Date: 09202001
Comments: million gallons of water was treated down to non-detect levels
Comments Date: 09202001
Comments: of contamination.
Comments Date: 12191999
Comments: Negotiating new state superfund contract between U.S. EPA, DTSC,
Comments Date: 12191999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

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Comments: and the Los Angeles Department of Water and Power to provide for
Comments Date: 12191999
Comments: continued funding of operation and maintenance of the NHOU.
ID Name: CALSTARS CODE
ID Value: 300127
ID Name: CALSTARS CODE
ID Value: 300126
ID Name: BEP DATABASE PCODE
ID Value: P31031
Alternate Name: SAN FERNANDO VALLEY GW BASIN AREA 1
Alternate Name: NORTH HOLLYWOOD OUF5
Alternate Name: SAN FERNANDO VALLEY (AREA 1)
Alternate Name: BURBANK OU
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

ROD:

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT Decision Document (ROD)
Operable Unit Number: BURBANK 03
SEQ ID: 2
Action Completion: 1989-06-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT Decision Document (ROD)
Operable Unit Number: NORTH HOLLYWOOD 02
SEQ ID: 3
Action Completion: 1987-09-24 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT Decision Document (ROD)
Operable Unit Number: NORTH HOLLYWOOD 2ND REMEDY 04
SEQ ID: 4
Action Completion: 2009-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ESD
Operable Unit Number: BURBANK 03
SEQ ID: 1
Action Completion: 1990-11-12 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ESD
Operable Unit Number: BURBANK 03
SEQ ID: 2
Action Completion: 1997-02-12 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ESD
Operable Unit Number: NORTH HOLLYWOOD 2ND REMEDY 04
SEQ ID: 3
Action Completion: 2018-02-27 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ROD Amendment
Operable Unit Number: NORTH HOLLYWOOD 2ND REMEDY 04
SEQ ID: 1
Action Completion: 2014-01-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:

PRP Name: 2L SCREEN PRINTING CO.
A-H PLATING, INC.
ACCESSORY PLATING
ADLER SCREW PRODUCTS INC.

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Database(s)

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SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

AEROQUIP CORP.
AEROQUIP CORP.
AIRPORT GROUP INTERNATIONAL, INC.
AIRPORT GROUP INTERNATIONAL, INC.
ALLIED SIGNAL
ALLIED SIGNAL
ANTONINI FAMILY TRUST
B.J. GRINDING
BARRON ANODIZING
BASINGER B TRUST
BASINGER C TRUST
BENDIX CORP.
BENDIX CORP.
CALIFORNIA CAR HIKERS SERVICES, INC.
CALMAT CO.
CALMAT CO.

[Click this hyperlink](#) while viewing on your computer to access
96 additional PRP: record(s) in the EDR Site Report.

CONSENT:

EPA ID: CAD980894893
Site ID: Not reported
Case Title: U.S. AND THE STATE OF CALIFORNIA V. LOCKHEED MARTIN CORPORATION, ET AL. (SAN FERNANDO VALLEY AREA ONE)
Court Num: 91-4527
District: California, Cent
Entered Date: 19920324
Name: SAN FERNANDO VALLEY AREA ONE
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
County: LOS ANGELES

EPA ID: CAD980894893
Site ID: Not reported
Case Title: U.S. AND THE STATE OF CALIFORNIA V. LOCKHEED MARTIN CORPORATION, ET AL. (SAN FERNANDO VALLEY AREA ONE)
Court Num: 91-4527
District: California, Cent
Entered Date: 19980622
Name: SAN FERNANDO VALLEY AREA ONE
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
County: LOS ANGELES

EPA ID: CAD980894893
Site ID: Not reported
Case Title: U.S. V. ALLIED-SIGNAL, ET AL.
Court Num: 93-6490
District: California, Cent
Entered Date: 19960729
Name: SAN FERNANDO VALLEY AREA ONE
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
County: LOS ANGELES

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

EPA ID: CAD980894893
Site ID: Not reported
Case Title: U.S. V. ALLIED-SIGNAL, ET AL.
Court Num: 93-6490
District: California, Cent
Entered Date: 19970514
Name: SAN FERNANDO VALLEY AREA ONE
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
County: LOS ANGELES

FINDS:

Registry ID: 110009267961

Click Here:

Environmental Interest/Information System:

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

SUPERFUND NPL

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000709322
Registry ID: 110009267961
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009267961>
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601

CORTESE:

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: LOS ANGELES, CA 91601

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAN FERNANDO VALLEY (AREA 1) (Continued)

1000709322

Region: CORTESE
 Envirostor Id: 19990011
 Global ID: Not reported
 Site/Facility Type: FEDERAL SUPERFUND - LISTED
 Cleanup Status: ACTIVE
 Status Date: 05/15/1996
 Site Code: 300126, 300173
 Latitude: 34.1875
 Longitude: -118.38388
 Owner: Not reported
 Enf Type: Not reported
 Swat R: Not reported
 Flag: envirostor
 Order No: Not reported
 Waste Discharge System No: Not reported
 Effective Date: Not reported
 Region 2: Not reported
 WID Id: Not reported
 Solid Waste Id No: Not reported
 Waste Management Uit Name: Not reported
 File Name: Haz Waste & Substances Sites

B7
 North
 < 1/8
 0.013 mi.
 66 ft.

NIGUELS FASHIONS
3287 N FLETCHER DR
LOS ANGELES, CA 90065
 Site 1 of 8 in cluster B

CA WIP S106769124
N/A

Relative:
Higher
Actual:
404 ft.

WIP:
 Name: NIGUELS FASHIONS
 Address: 3287 N Fletcher Dr
 City,State,Zip: LOS ANGELES, CA 90065
 Region: 4
 File Number: 112.0324
File Status: Historical
 Staff: UNIDENTIFIED
 Facility Suite: Not reported

B8
 North
 < 1/8
 0.013 mi.
 67 ft.

GLO-MAR PRINTING
3283 N FLETCHER DR
LOS ANGELES, CA 90065
 Site 2 of 8 in cluster B

CA HAZMAT S123543282
N/A

Relative:
Higher
Actual:
404 ft.

LOS ANGELES HM:
 Name: GLO-MAR PRINTING
 Address: 3283 N FLETCHER DR
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0006113
 Last Run Date: 04/19/2021
 Status: INACTIVE

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

B9 NNW < 1/8 0.017 mi. 89 ft.	ALERT ELECTRIC/SIGN SERV 3271 N FLETCHER DR LOS ANGELES, CA 90065 Site 3 of 8 in cluster B Relative: LOS ANGELES HM: Lower Name: ALERT ELECTRIC/SIGN SERV Address: 3271 N FLETCHER DR Actual: City,State,Zip: LOS ANGELES, CA 90065 402 ft. Facility ID: FA0006112 Last Run Date: 04/19/2021 Status: INACTIVE	CA HAZMAT	S123543281 N/A
---	--	------------------	---------------------------------

C10 WNW < 1/8 0.017 mi. 92 ft.	CHAB-CORP. 3209 N FLETCHER DR LOS ANGELES, CA 90065 Site 1 of 11 in cluster C Relative: WIP: Lower Name: CHAB-CORP. Address: 3209 N Fletcher Dr Actual: City,State,Zip: LOS ANGELES, CA 90065 399 ft. Region: 4 File Number: 112.0331 File Status: Historical Staff: UNIDENTIFIED Facility Suite: Not reported	CA WIP	S106769125 N/A
--	---	---------------	---------------------------------

C11 WNW < 1/8 0.018 mi. 95 ft.	K T INDUSTRIES 3203 FLETCHER DR LOS ANGELES, CA 90065 Site 2 of 11 in cluster C Relative: RCRA-SQG: Lower Date Form Received by Agency: K T INDUSTRIES 19860124 Handler Name: Handler Address: 3203 FLETCHER DR Handler City,State,Zip: LOS ANGELES, CA 90065 EPA ID: CAD981369887 Contact Name: ENVIRONMENTAL MANAGER Contact Address: 3203 FLETCHER DR Contact City,State,Zip: LOS ANGELES, CA 90065 Contact Telephone: 213-255-7143 Contact Fax: Not reported Contact Email: Not reported Contact Title: Not reported EPA Region: 09 Land Type: Other Federal Waste Generator Description: Small Quantity Generator Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Handler Activities State District Owner: CA	RCRA-SQG FINDS ECHO CA EMI CA HAZNET CA HWTS	1000119917 CAD981369887
--	--	---	--

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

K T INDUSTRIES (Continued)

1000119917

State District:	4R
Mailing Address:	3203 FLETCHER DR
Mailing City, State, Zip:	LOS ANGELES, CA 90065
Owner Name:	ROBERT H WARREN
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ROBERT H WARREN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19860124
Handler Name: K T INDUSTRIES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 335313
NAICS Description: SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

FINDS:

Registry ID: 110070856066

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110002683418

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000119917
Registry ID: 110070856066
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070856066>
Name: CHRISTOPHER WARREN
Address: 3203 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065

Envid: 1000119917
Registry ID: 110002683418
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002683418>
Name: K T INDUSTRIES
Address: 3203 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065

EMI:

Name: K T IND
Address: 3203 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 900650000
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 2678
Air District Name: SC
SIC Code: 3679
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: K. T. INDUSTRIES, KOLBJORN TRY
Address: 3203 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 900650000
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 61546
Air District Name: SC
SIC Code: 3679
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

HAZNET:

Name: K T INDUSTRIES
Address: 3203 FLETCHER DR
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
Contact: ERIC VACA
Telephone: 3232557143
Mailing Name: Not reported
Mailing Address: 3203 FLETCHER DR

Year: 2011
Gepaid: CAD981369887
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Tons: 3.154

Year: 2004
Gepaid: CAD981369887
TSD EPA ID: CAD008302903
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 3.42

Year: 2003
Gepaid: CAD981369887
TSD EPA ID: CAT080013352

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 2.774

Year: 2001
Gepaid: CAD981369887
TSD EPA ID: CAD008252405
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 3.1066

Year: 1998
Gepaid: CAD981369887
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.418

Additional Info:

Year: 2004
Gen EPA ID: CAD981369887

Shipment Date: 20040804
Creation Date: 1/6/2005 9:07:07
Receipt Date: 20040804
Manifest ID: 23820461
Trans EPA ID: NJD080631369
Trans Name: ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL SVCS L
TSD Alt EPA ID: CAD008302903
TSD Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 3.42
Waste Quantity: 900
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAD981369887

Shipment Date: 19980921
Creation Date: 11/24/1998 0:00:00
Receipt Date: 19980923
Manifest ID: 96808662
Trans EPA ID: CAL921764910

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD099452708
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD099452708
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2001
Gen EPA ID:	CAD981369887
Shipment Date: 20011009	
Creation Date: 1/16/2002 0:00:00	
Receipt Date: 20011010	
Manifest ID: 20970996	
Trans EPA ID: CAD980694848	
Trans Name: Not reported	
Trans 2 EPA ID: Not reported	
Trans 2 Name: Not reported	
TSDf EPA ID: CAD008252405	
Trans Name: Not reported	
TSDf Alt EPA ID: Not reported	
TSDf Alt Name: Not reported	
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l	
RCRA Code: D001	
Meth Code: R01 - Recycler	
Quantity Tons: 3.1066	
Waste Quantity: 745	
Quantity Unit: G	
Additional Code 1: Not reported	
Additional Code 2: Not reported	
Additional Code 3: Not reported	
Additional Code 4: Not reported	
Additional Code 5: Not reported	
Additional Info:	
Year:	2011
Gen EPA ID:	CAD981369887
Shipment Date: 20110623	
Creation Date: 8/26/2011 18:30:44	
Receipt Date: 20110623	
Manifest ID: 007683143JJK	
Trans EPA ID: CAL000264806	

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

Trans Name:	EXPRESS OIL CO
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.154
Waste Quantity:	830
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2003
Gen EPA ID:	CAD981369887
Shipment Date:	20030114
Creation Date:	5/18/2003 14:28:17
Receipt Date:	20030115
Manifest ID:	21508905
Trans EPA ID:	CAD980694848
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.774
Waste Quantity:	730
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
HWTS:	
Name:	K T INDUSTRIES
Address:	3203 FLETCHER DR
Address 2:	Not reported
City,State,Zip:	LOS ANGELES, CA 900650000
EPA ID:	CAD981369887
Inactive Date:	06/30/2009
Create Date:	04/10/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K T INDUSTRIES (Continued)

1000119917

Last Act Date: 03/20/2013
Mailing Name: Not reported
Mailing Address: 3203 FLETCHER DR
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900652919
Owner Name: KT INDUSTRIES INC
Owner Address: 3203 FLETCHER DR
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 900650000
Contact Name: ERIC VACA
Contact Address: 3203 FLETCHER DR
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000

Name: CHRISTOPHER WARREN
Address: 3203 FLETCHER DR
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90065
EPA ID: CAC003068907
Inactive Date: 08/31/2020
Create Date: 06/01/2020
Last Act Date: 09/01/2020
Mailing Name: Not reported
Mailing Address: 3203 FLETCHER DR
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 90065
Owner Name: CHRISTOPHER WARREN
Owner Address: 3203 FLETCHER DR
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 90065
Contact Name: CHRISTOPHER WARREN
Contact Address: 3203 FLETCHER DR
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90065

C12
WNW
< 1/8
0.018 mi.
95 ft.

CHRISTOPHER WARREN
3203 FLETCHER DR
LOS ANGELES, CA 90065

RCRA NonGen / NLR

1026168860
CAC003068907

Site 3 of 11 in cluster C

Relative:
Lower
Actual:
399 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20200601
Handler Name: CHRISTOPHER WARREN
Handler Address: 3203 FLETCHER DR
Handler City,State,Zip: LOS ANGELES, CA 90065
EPA ID: CAC003068907
Contact Name: CHRISTOPHER WARREN
Contact Address: 3203 FLETCHER DR
Contact City,State,Zip: LOS ANGELES, CA 90065
Contact Telephone: 818-652-5689
Contact Fax: Not reported
Contact Email: ANAB@PWSEI.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHRISTOPHER WARREN (Continued)

1026168860

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3203 FLETCHER DR
Mailing City, State, Zip:	LOS ANGELES, CA 90065
Owner Name:	CHRISTOPHER WARREN
Owner Type:	Other
Operator Name:	CHRISTOPHER WARREN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISTOPHER WARREN (Continued)

1026168860

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200608
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRISTOPHER WARREN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3203 FLETCHER DR
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	818-652-5689
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRISTOPHER WARREN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3203 FLETCHER DR
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	818-652-5689
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200601
Handler Name:	CHRISTOPHER WARREN
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISTOPHER WARREN (Continued)

1026168860

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C13
WNW
< 1/8
0.020 mi.
106 ft.

STIKICH COLOR LAB. INC.
3225 N FLETCHER DR
LOS ANGELES, CA 90065
Site 4 of 11 in cluster C

CA CPS-SLIC S106484875
CA HAZMAT N/A
CA WIP
CA CERS

Relative:
Lower

CPS-SLIC:
Name: STIKICH COLOR LAB. INC.
Address: 3225 N. FLETCHER DR.
City,State,Zip: LOS ANGELES, CA 90065
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/14/2014
Global Id: SL603799092
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.116651
Longitude: -118.242249
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 112.0329
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
400 ft.

[Click here to access the California GeoTracker records for this facility:](#)

LOS ANGELES HM:

Name: STIKICH COLOR LABORATORIES INC
Address: 3225 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0014847
Last Run Date: 04/19/2021
Status: INACTIVE

WIP:

Name: STIKICH COLOR LAB. INC.
Address: 3225 N Fletcher Dr
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0329
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: STIKICH COLOR LAB. INC.
Address: 3225 N. FLETCHER DR.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STIKICH COLOR LAB. INC. (Continued)

S106484875

City,State,Zip: LOS ANGELES, CA 90065
 Site ID: 251881
 CERS ID: SL603799092
 CERS Description: Cleanup Program Site

C14
WNW
 < 1/8
 0.022 mi.
 114 ft.

K T INDUSTRIES
3201 N FLETCHER DR
LOS ANGELES, CA 90065

CA HAZMAT S123543280
N/A

Site 5 of 11 in cluster C

Relative:
Lower
Actual:
399 ft.

LOS ANGELES HM:
 Name: K T INDUSTRIES
 Address: 3201 N FLETCHER DR
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0006111
 Last Run Date: 04/19/2021
 Status: INACTIVE

B15
North
 < 1/8
 0.026 mi.
 139 ft.

DUFRENE K C
3351 FLETCHER DR
LOS ANGELES, CA

EDR Hist Auto 1009078801
N/A

Site 4 of 8 in cluster B

Relative:
Higher
Actual:
410 ft.

EDR Hist Auto
 Year: Name: Type:
 1933 PARKER H E GASOLINE AND OIL SERVICE STATIONS
 1937 PARKER H E GASOLINE AND OIL SERVICE STATIONS
 1942 DUFRENE K C AUTOMOBILE REPAIRING
 1942 HINES C A GASOLINE AND OIL SERVICE STATIONS

C16
West
 < 1/8
 0.028 mi.
 148 ft.

RAFI'S JEWELRY, INC
3065 W AVE 32
LOS ANGELES, CA 90065

RCRA-SQG 1000245102
FINDS CAD981379761
ECHO

Site 6 of 11 in cluster C

Relative:
Lower
Actual:
400 ft.

RCRA-SQG:
 Date Form Received by Agency: 19860204
 Handler Name: RAFI'S JEWELRY, INC
 Handler Address: 3065 W AVE 32
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAD981379761
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 3065 W AVE 32
 Contact City,State,Zip: LOS ANGELES, CA 90065
 Contact Telephone: 213-256-4373
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RAFI'S JEWELRY, INC (Continued)

1000245102

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4R
Mailing Address:	W AVE 32
Mailing City,State,Zip:	LOS ANGELES, CA 90065
Owner Name:	RAFI K OHANES
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFI'S JEWELRY, INC (Continued)

1000245102

Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20000915
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RAFI K OHANES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19860204
Handler Name: RAFI'S JEWELRY, INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RAFI'S JEWELRY, INC (Continued)

1000245102

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002687209

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000245102
 Registry ID: 110002687209
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002687209>
 Name: RAFI'S JEWELRY, INC
 Address: 3065 W AVE 32
 City,State,Zip: LOS ANGELES, CA 90065

B17
NNE
 < 1/8
 0.034 mi.
 177 ft.

FLETCHER DRIVE SCHOOL
3350 FLETCHER DR
LOS ANGELES, CA 90021

CA SWEEPS UST
CA FID UST
CA CERS

S101585840
N/A

Site 5 of 8 in cluster B

Relative:
Higher
Actual:
415 ft.

SWEEPS UST:
 Name: FLETCHER DRIVE SCHOOL
 Address: 3350 FLETCHER DR
 City: LOS ANGELES
 Status: Active
 Comp Number: 5935
 Number: 4
 Board Of Equalization: Not reported
 Referral Date: 03-04-93
 Action Date: 03-04-93
 Created Date: 02-29-88
 Owner Tank Id: Not reported
 SWRCB Tank Id: Not reported
 Tank Status: Not reported
 Capacity: Not reported
 Active Date: Not reported
 Tank Use: Not reported
 STG: Not reported
 Content: Not reported
 Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLETCHER DRIVE SCHOOL (Continued)

S101585840

CA FID UST:

Facility ID: 19030943
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2137427590
Mail To: Not reported
Mailing Address: 3350 FLETCHER DR
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900210000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS:

Name: FLETCHER DR ELEMENTA
Address: 3350 FLETCHER DRIVE
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 371118
CERS ID: 19000012
CERS Description: School Investigation

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: THOMAS COTA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

B18
NNE
< 1/8
0.034 mi.
177 ft.

FLETCHER DR ELEMENTARY SCHOOL EXPANSION
3350 FLETCHER DRIVE
LOS ANGELES, CA 90065

CA ENVIROSTOR S118756507
CA SCH N/A

Site 6 of 8 in cluster B

Relative:
Higher
Actual:
415 ft.

ENVIROSTOR:

Name: FLETCHER DR ELEMENTARY SCHOOL EXPANSION
Address: 3350 FLETCHER DRIVE
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19000012
Status: No Action Required
Status Date: 07/02/2002
Site Code: 304237
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLETCHER DR ELEMENTARY SCHOOL EXPANSION (Continued)

S118756507

Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Thomas Cota
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.11767
Longitude: -118.2401
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: FLETCHER DRIVE ELEMENTARY SCHOOL EXPAN.
Alias Type: Alternate Name
Alias Name: LAUSD-FLETCHER DR ELEMENTARY EXPANSION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304237
Alias Type: Project Code (Site Code)
Alias Name: 19000012
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/16/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: FLETCHER DR ELEMENTARY SCHOOL EXPANSION
Address: 3350 FLETCHER DRIVE
City,State,Zip: LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLETCHER DR ELEMENTARY SCHOOL EXPANSION (Continued)

S118756507

Facility ID: 19000012
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Thomas Cota
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304237
Assembly: 51
Senate: 24
Special Program Status: Not reported
Status: No Action Required
Status Date: 07/02/2002
Restricted Use: NO
Funding: School District
Latitude: 34.11767
Longitude: -118.2401
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: FLETCHER DRIVE ELEMENTARY SCHOOL EXPAN.
Alias Type: Alternate Name
Alias Name: LAUSD-FLETCHER DR ELEMENTARY EXPANSION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304237
Alias Type: Project Code (Site Code)
Alias Name: 19000012
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/16/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FLETCHER DR ELEMENTARY SCHOOL EXPANSION (Continued)

S118756507

Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

B19
NNE
 < 1/8
 0.034 mi.
 177 ft.

LOS ANGELES USD FLETCHER ELEM SCHOOL
3350 FLETCHER DR
LOS ANGELES, CA 90065

RCRA-SQG 1000102118
FINDS CAD982022436

Site 7 of 8 in cluster B

Relative:
Higher
Actual:
415 ft.

RCRA-SQG:	
Date Form Received by Agency:	19870807
Handler Name:	LOS ANGELES USD FLETCHER ELEM SCHOOL
Handler Address:	3350 FLETCHER DR
Handler City,State,Zip:	LOS ANGELES, CA 90065
EPA ID:	CAD982022436
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	3350 FLETCHER DR
Contact City,State,Zip:	LOS ANGELES, CA 90065
Contact Telephone:	213-742-7371
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4R
Mailing Address:	1425 S SAN PEDRO ST ROOM 215
Mailing City,State,Zip:	LOS ANGELES, CA 90015
Owner Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner Type:	Municipal
Operator Name:	NOT REQUIRED
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOS ANGELES USD FLETCHER ELEM SCHOOL (Continued)

1000102118

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOS ANGELES USD FLETCHER ELEM SCHOOL (Continued)

1000102118

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19870807
Handler Name: LOS ANGELES USD FLETCHER ELEM SCHOOL
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002779048

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B20 LAUSD - FLETCHEER DRIVE SCHOOL
NNE 3350 N FLETCHER DR
 < 1/8 LOS ANGELES, CA 90065
 0.034 mi.
 177 ft. **Site 8 of 8 in cluster B**

CA HAZMAT S123543283
 N/A

Relative: LOS ANGELES HM:
Higher Name: LAUSD - FLETCHEER DRIVE SCHOOL
 Address: 3350 N FLETCHER DR
Actual: City,State,Zip: LOS ANGELES, CA 90065
 415 ft. Facility ID: FA0006114
 Last Run Date: 04/19/2021
 Status: INACTIVE

D21
WSW 3100 N FLETCHER DR
 < 1/8 LOS ANGELES, CA
 0.034 mi.
 180 ft. **Site 1 of 10 in cluster D**

CA UST U004301896
 N/A

Relative: LOS ANGELES UST:
Lower Name: Not reported
 Address: 3100 N FLETCHER DR
Actual: City,State,Zip: LOS ANGELES, CA
 398 ft. Facility ID: Not reported
 Last Run Date: 01/01/1900
 Status: HISTORICAL

22 AIMEE BENELL
ENE 3366 MARGUERITE ST
 < 1/8 LOS ANGELES, CA 90065
 0.044 mi.
 230 ft.

RCRA NonGen / NLR 1025860036
 CAC003040636

Relative: RCRA NonGen / NLR:
Higher Date Form Received by Agency: 20191028
Actual: Handler Name: AIMEE BENELL
 410 ft. Handler Address: 3366 MARGUERITE ST
 Handler City,State,Zip: LOS ANGELES, CA 90065-2250
 EPA ID: CAC003040636
 Contact Name: AIMEE BENELL
 Contact Address: 3366 MARGUERITE ST
 Contact City,State,Zip: LOS ANGELES, CA 90065-2250
 Contact Telephone: 323-369-7065
 Contact Fax: Not reported
 Contact Email: MANIFEST.SIRRIS@GMAIL.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3366 MARGUERITE ST
 Mailing City,State,Zip: LOS ANGELES, CA 90065-2250

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AIMEE BENELL (Continued)

1025860036

Owner Name:	AIMEE BENELL
Owner Type:	Other
Operator Name:	AIMEE BENELL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191108
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AIMEE BENELL (Continued)

1025860036

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: AIMEE BENELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3366 MARGUERITE ST
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065-2250
Owner/Operator Telephone: 323-369-7065
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AIMEE BENELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3366 MARGUERITE ST
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065-2250
Owner/Operator Telephone: 323-369-7065
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20191028
Handler Name: AIMEE BENELL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C23
WNW
< 1/8
0.059 mi.
313 ft.

APPLIED GRAPHICS TECH INC
3116 W AVE 32
LOS ANGELES, CA 90065
Site 7 of 11 in cluster C

RCRA-SQG **1001231391**
CA EMI **CAR000044545**

Relative:
Lower
Actual:
397 ft.

RCRA-SQG:
 Date Form Received by Agency: 19980922
 Handler Name: APPLIED GRAPHICS TECH INC
 Handler Address: 3116 W AVE 32
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAR000044545
 Contact Name: FRANK SCHAFFER
 Contact Address: 3116 W AVE 32
 Contact City,State,Zip: LOS ANGELES, CA 90065
 Contact Telephone: 323-258-4111
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3116 W AVE 32
 Mailing City,State,Zip: LOS ANGELES, CA 90065
 Owner Name: APPLIED GRAPHICS TECH INC
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED GRAPHICS TECH INC (Continued)

1001231391

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	APPLIED GRAPHICS TECH INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3116 W AVE 32
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-258-4111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	APPLIED GRAPHICS TECH INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3116 W AVE 32
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-258-4111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED GRAPHICS TECH INC (Continued)

1001231391

Historic Generators:

Receive Date: 19980922
Handler Name: APPLIED GRAPHICS TECH INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980922
Handler Name: APPLIED GRAPHICS TECH INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20030529
Actual Return to Compliance Date: 20030529
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20030529
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED GRAPHICS TECH INC (Continued)

1001231391

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20030529
Actual Return to Compliance Date: 20030529
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 20030707
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20030529
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLIED GRAPHICS TECH INC (Continued)

1001231391

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030529
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030529
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030529
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

EMI:

Name: APPLIED GRAPHICS TECHNOLOGIES
Address: 3116 W AVENUE 32
City,State,Zip: LOS ANGELES, CA 900650000
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 110256
Air District Name: SC
SIC Code: 2752
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: APPLIED GRAPHICS TECHNOLOGIES
Address: 3116 W AVENUE 32
City,State,Zip: LOS ANGELES, CA 900650000
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 110256
Air District Name: SC
SIC Code: 2752
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 11

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APPLIED GRAPHICS TECH INC (Continued)

1001231391

Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPLIED GRAPHICS TECHNOLOGIES
 Address: 3116 W AVENUE 32
 City,State,Zip: LOS ANGELES, CA 900650000
 Year: 1999
 County Code: 19
 Air Basin: SC
 Facility ID: 110256
 Air District Name: SC
 SIC Code: 2752
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 12
 Reactive Organic Gases Tons/Yr: 11
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: APPLIED GRAPHICS TECHNOLOGIES
 Address: 3116 W AVENUE 32
 City,State,Zip: LOS ANGELES, CA 900650000
 Year: 2000
 County Code: 19
 Air Basin: SC
 Facility ID: 110256
 Air District Name: SC
 SIC Code: 2752
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 12
 Reactive Organic Gases Tons/Yr: 11
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smllr Tons/Yr:0

C24
WNW
< 1/8
0.059 mi.
313 ft.

ORORA VISUAL
3116 W AVENUE 32
LOS ANGELES, CA 90065
Site 8 of 11 in cluster C

CA HAZMAT S123550453
N/A

Relative:
Lower

LOS ANGELES HM:

Name: ORORA VISUAL
 Address: 3116 W AVENUE 32
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0030897
 Last Run Date: 04/19/2021

Actual:
397 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ORORA VISUAL (Continued)

S123550453

Status: ACTIVE

C25
WNW
< 1/8
0.059 mi.
313 ft.

ORORA VISUAL LLC
3116 W AVENUE 32
LOS ANGELES, CA 90065

RCRA NonGen / NLR

1024859760
CAL000427309

Site 9 of 11 in cluster C

Relative:
Lower
Actual:
397 ft.

RCRA NonGen / NLR:		20170502
Date Form Received by Agency:		20170502
Handler Name:	ORORA VISUAL LLC	
Handler Address:		3116 W AVENUE 32
Handler City,State,Zip:		LOS ANGELES, CA 90065
EPA ID:		CAL000427309
Contact Name:		SHERMAN COLBERT
Contact Address:		3116 W. AVENUE 32
Contact City,State,Zip:		LOS ANGELES, CA 90065
Contact Telephone:		323-551-6676
Contact Fax:		323-256-8980
Contact Email:		SHERMAN.COLBERT@ORORAVISUAL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		3116 W AVENUE 32
Mailing City,State,Zip:		LOS ANGELES, CA 90065
Owner Name:		ORORA VISUAL LLC
Owner Type:		Other
Operator Name:		SHERMAN COLBERT
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ORORA VISUAL LLC (Continued)

1024859760

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ORORA VISUAL LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3116 W AVENUE 32
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-258-4111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHERMAN COLBERT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3116 W. AVENUE 32
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-551-6676
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORORA VISUAL LLC (Continued)

1024859760

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20170502
Handler Name: ORORA VISUAL LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

C26
WNW
< 1/8
0.059 mi.
313 ft.

ORORA VISUAL LLC - LOS ANGELES
3116 W AVENUE 32
LOS ANGELES, CA 90065

CA CERS HAZ WASTE **S123502105**
CA CERS **N/A**

Site 10 of 11 in cluster C

Relative:
Lower
Actual:
397 ft.

CERS HAZ WASTE:
Name: ORORA VISUAL LLC - LOS ANGELES
Address: 3116 W AVENUE 32
City,State,Zip: LOS ANGELES, CA 90065-2317
Site ID: 151623
CERS ID: 10153147
CERS Description: Hazardous Waste Generator

CERS:

Name: ORORA VISUAL LLC - LOS ANGELES
Address: 3116 W AVENUE 32
City,State,Zip: LOS ANGELES, CA 90065-2317
Site ID: 151623
CERS ID: 10153147
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-05-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 01/25/2019. OBSERVATION: Two 55 gallon drums of Non-RCRA Hazardous Waste Liquid (UV Coating) located in the hazardous waste storage area were observed without a hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the containers listed above have been properly labeled.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-05-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Hazardous Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 01/25/2019. OBSERVATION: Documented training of personnel was not available at the time of inspection. Refer to 22 CCR 66265.16 CORRECTIVE ACTION: Locate training documentation or conduct training with applicable personnel and document it. Submit a copy of the training documentation to the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.

Violation Notes: Returned to compliance on 05/04/2017.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)

Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 05/04/2017.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 06-02-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Description: Returned to compliance on 06/02/2009.
Violation Notes: Returned to compliance on 06/02/2009.
Violation Division: Ventura County Environmental Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is

Map ID
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Database(s)

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-08-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 10/27/2015. OBSERVATION: AT HAZARDOUS WASTE STORAGE AREA: 1. NO HAZARDOUS WASTE LABEL ON WASTE OIL DRUM, WASTE UV COATING DRUM, 2. INCORRECT OWNER INFORMATION ON WASTE SOLVENT DRUM 3. NO "EMPTY" LABEL ON EMPTY DRUMS All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Violation Date: 04-28-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-08-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 12/03/2015. OBSERVATION: 1. ALL MANIFESTS MISSING TSDF SIGNATURE. 2. NO DISPOSAL RECORD OF AEROSOL CANS 3. NO DISPOSAL RECORD OF WASTE OIL Copies of complete hazardous waste disposal records were not available. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. CORRECTIVE ACTION: Immediately locate a copy of all completed manifests for the last three years, and submit COMPLETED copies of 2015 MANIFESTS (DATED 06/5/15, 01/26/15) to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-05-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 01/25/2019. OBSERVATION: Owner/Operator failed to adequately label hazardous material areas. Did not observe NFPA 704 placards at the entrances of hazardous materials storage areas. CORRECTIVE ACTION: Ensure that NFPA 704 placards are placed at entrances to hazardous materials storage areas and at each building that stores, uses, handles or dispenses hazardous materials.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 05/04/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-05-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 01/25/2019. OBSERVATION: Provide a proper waste determination for the various accumulated paint containers located on the upper storage area and exterior hazardous waste storage area (as shown to Paul Vogelsang, General Manager). CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the accumulated containers of paint have been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-08-2015
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 12/07/2015. OBSERVATION: No waste analysis was available for the WATER USED IN THE PRESS. This waste is being

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

disposed of as non-hazardous waste. A generator shall make a hazardous waste determination and keep a record of any test results, waste analyses, or other determinations made in accordance with hazardous waste regulations for at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal. CORRECTIVE ACTION: Immediately locate a copy of the waste analysis conducted for the WATER and submit a copy to the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-05-2018
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)

Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 01/25/2019. OBSERVATION: Employees are not thoroughly familiar with proper waste handling and emergency procedures as demonstrated by the number and/or type of hazardous waste violations observed at the time of inspection. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that employees have been properly trained.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 05/04/2017.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Violation Date: 10-08-2015
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31

Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment..

Violation Notes: Returned to compliance on 10/14/2015. OBSERVATION: SPILLS IN SECONDARY CONTAINER OF HAZARDOUS MATERIAL. Facilities shall be maintained and operated to minimize the possibility of a fire, explosion, or release of hazardous waste to air, soil, or surface water. CORRECTIVE ACTION: Immediately eliminate spills in secondary container under DRUMS OF

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ORORA VISUAL LLC - LOS ANGELES (Continued)

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"ANCHOR" CHEMICAL (ALCOHOL SUBSTITUTE AND ACID FOUNTAIN SOLUTION), and manage according to Title 22 hazardous waste regulations.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-28-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: "Consent to enter, inspect and take photographs was given by: sherman colbert The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into CERS is required between January 1 and March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission within 30 days of that change. As a reminder, you must complete [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RE INSPECTION OF THIS SITE SHOWS THAT THEY ARE COMPLIANT AND HAVE ESTABLISHED A HAZARDOUS MATERIALS BUSINESS PLAN ON CERS.

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Paul Vogelsang, Director of Operations
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Mark Snider, Director HR
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Eval General Type: Other/Unknown
Eval Date: 10-14-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Ventura CUPA
Eval Division: Ventura County Environmental Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-25-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-04-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Mark Snider, Director
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-03-2015
Violations Found: No

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-07-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: OUT OF BUSNISS
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 151623
Site Name: Orora Visual LLC - Los Angeles
Site Address: 3116 W AVENUE 32
Site City: LOS ANGELES
Site Zip: 90065-2317
Enf Action Date: 06-02-2009
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Ventura County Environmental Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Sheman Colbert
Entity Title: Maintenance Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: ORORA VISUAL, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

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ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Orora Visual LLC -Los Angeles
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 551-6680,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Legal Owner
Entity Name: Orora Visual LLC
Entity Title: Not reported
Affiliation Address: 3116 West Avenue 32
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 258-4111,

Affiliation Type Desc: Document Preparer
Entity Name: David Brooks- SafetyNet Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Sherman Colbert
Entity Title: Not reported
Affiliation Address: 3116 West Avenue 32
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3116 West Avenue 32

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 EPA ID Number

ORORA VISUAL LLC - LOS ANGELES (Continued)

S123502105

Affiliation City: Los Angeles
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 90065
 Affiliation Phone: ,

C27
WNW
 < 1/8
 0.059 mi.
 313 ft.

SEVEN WORLDWIDE
3116 W AVENUE 32
LOS ANGELES, CA 90065

CA EMI S106826081
CA HAZNET N/A
CA WIP
CA HWTS

Site 11 of 11 in cluster C

Relative:
Lower

EMI:

Actual:
397 ft.

Name: APPLIED GRAPHIC TECHNOLOGIES
 Address: 3116 W AVENUE 32
 City,State,Zip: LOS ANGELES, CA 900652317
 Year: 2001
 County Code: 19
 Air Basin: SC
 Facility ID: 110256
 Air District Name: SC
 SIC Code: 2752
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Y
 Consolidated Emission Reporting Rule: B
 Total Organic Hydrocarbon Gases Tons/Yr: 28
 Reactive Organic Gases Tons/Yr: 27
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SEVEN WORLDWIDE
 Address: 3116 W AVENUE 32
 City,State,Zip: LOS ANGELES, CA 900652317
 Year: 2002
 County Code: 19
 Air Basin: SC
 Facility ID: 110256
 Air District Name: SC
 SIC Code: 2752
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 17
 Reactive Organic Gases Tons/Yr: 17
 Carbon Monoxide Emissions Tons/Yr: 0
 NOX - Oxides of Nitrogen Tons/Yr: 0
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr: 0
 Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SEVEN WORLDWIDE
 Address: 3116 W AVENUE 32
 City,State,Zip: LOS ANGELES, CA 900652317
 Year: 2003

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SEVEN WORLDWIDE (Continued)

S106826081

County Code: 19
Air Basin: SC
Facility ID: 110256
Air District Name: SC
SIC Code: 2752
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 17
Reactive Organic Gases Tons/Yr: 17
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SEVEN WORLDWIDE
Address: 3116 W AVENUE 32
City,State,Zip: LOS ANGELES, CA 900652317
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 110256
Air District Name: SC
SIC Code: 2752
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 16.5804299
Reactive Organic Gases Tons/Yr: 16.55
Carbon Monoxide Emissions Tons/Yr: 0.00612
NOX - Oxides of Nitrogen Tons/Yr: 0.0227
SOX - Oxides of Sulphur Tons/Yr: 0.000145
Particulate Matter Tons/Yr: 0.00131
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:

Name: SEVEN WORLDWIDE
Address: 3116 W AVENUE 32
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900652317
Contact: JOHN SCOTT V.P. OPERATIONS
Telephone: 3235516590
Mailing Name: Not reported
Mailing Address: 3116 W AVENUE 32

Year: 2005
Gepaid: CAR000044545
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.9

Year: 2005
Gepaid: CAR000044545
TSD EPA ID: CAD982444481
CA Waste Code: 343 - Unspecified organic liquid mixture

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SEVEN WORLDWIDE (Continued)

S106826081

Disposal Method:	H01 - Transfer Station
Tons:	6.732
Year:	2005
Gepaid:	CAR000044545
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.836
Year:	2005
Gepaid:	CAR000044545
TSD EPA ID:	CAD982444481
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.209
Year:	2004
Gepaid:	CAR000044545
TSD EPA ID:	CAD982444481
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	10.659
Year:	2004
Gepaid:	CAR000044545
TSD EPA ID:	CAD982444481
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	Not reported
Year:	2004
Gepaid:	CAR000044545
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.836
Year:	2004
Gepaid:	CAR000044545
TSD EPA ID:	CAD008302903
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.99
Year:	2003
Gepaid:	CAR000044545
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.836
Year:	2003
Gepaid:	CAR000044545
TSD EPA ID:	CAD008302903
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler

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SEVEN WORLDWIDE (Continued)

S106826081

Tons: 0.99

[Click this hyperlink](#) while viewing on your computer to access 22 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2003
Gen EPA ID:	CAR000044545
Shipment Date:	20031222
Creation Date:	8/12/2004 8:09:46
Receipt Date:	20031231
Manifest ID:	22778633
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.496
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031222
Creation Date:	8/13/2004 7:53:20
Receipt Date:	20031229
Manifest ID:	22778634
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Shipment Date: 20031215
Creation Date: 8/12/2004 8:09:46
Receipt Date: 20031222
Manifest ID: 22778590
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON INC
TSDf Alt EPA ID: CAD028409019
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031031
Creation Date: 8/5/2004 10:14:17
Receipt Date: 20031104
Manifest ID: 22595946
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 1.683
Waste Quantity: 495
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030923
Creation Date: 8/3/2004 15:01:39
Receipt Date: 20030930
Manifest ID: 22595707
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.683
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030822
Creation Date:	7/13/2004 10:48:19
Receipt Date:	20030823
Manifest ID:	22595456
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.309
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030822
Creation Date:	8/2/2004 9:37:42
Receipt Date:	20030828
Manifest ID:	22595457
Trans EPA ID:	CAR000129759
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G

Map ID
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MAP FINDINGS

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EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030709
Creation Date:	7/23/2004 9:17:32
Receipt Date:	20030715
Manifest ID:	22592680
Trans EPA ID:	CAR000129759
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD982444481
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.2
Waste Quantity:	2400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030611
Creation Date:	7/22/2004 8:36:14
Receipt Date:	20030616
Manifest ID:	22592452
Trans EPA ID:	CAR000129759
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030611
Creation Date:	7/22/2004 7:52:06
Receipt Date:	20030617

Map ID
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Database(s)

EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Manifest ID: 22592451
Trans EPA ID: CAR000129759
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 1.207
Waste Quantity: 355
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2000
Gen EPA ID: CAR000044545

Shipment Date: 20001113
Creation Date: 3/6/2001 0:00:00
Receipt Date: 20001116
Manifest ID: 99201959
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 4.3785
Waste Quantity: 1050
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000306
Creation Date: 6/7/2000 0:00:00
Receipt Date: 20000306
Manifest ID: 99342134
Trans EPA ID: SCR000074591
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

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SEVEN WORLDWIDE (Continued)

S106826081

TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code: D002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0011
Waste Quantity: 1
Quantity Unit: L
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20000306
Creation Date: 6/7/2000 0:00:00
Receipt Date: 20000306
Manifest ID: 99342134
Trans EPA ID: SCR000074591
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850
Trans Name: Not reported
TSDF Alt EPA ID: CAD050806850
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0099
Waste Quantity: 3
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CAR000044545

Shipment Date: 20021213
Creation Date: 4/2/2003 18:31:15
Receipt Date: 20021218
Manifest ID: 22121756
Trans EPA ID: CAD981446156
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture

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EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.309
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021213
Creation Date:	3/30/2003 18:31:13
Receipt Date:	20021219
Manifest ID:	22121757
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021101
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021108
Manifest ID:	21990364
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.496
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
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MAP FINDINGS

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EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Additional Code 5:	Not reported
Shipment Date:	20021007
Creation Date:	2/11/2003 18:31:24
Receipt Date:	20021009
Manifest ID:	21990139
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.9
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020930
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021009
Manifest ID:	21990095
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.309
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020930
Creation Date:	2/10/2003 18:31:16
Receipt Date:	20021001
Manifest ID:	21990096
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

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Database(s)

EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020821
Creation Date:	1/27/2003 18:33:26
Receipt Date:	20020823
Manifest ID:	21999424
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020821
Creation Date:	1/27/2003 18:32:25
Receipt Date:	20020826
Manifest ID:	21999423
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.683

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Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020702
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020711
Manifest ID:	21284366
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.561
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020702
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020711
Manifest ID:	21284366
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Additional Info:

Year:	2001
Gen EPA ID:	CAR000044545
Shipment Date:	20011226
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20020110
Manifest ID:	21285445
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000094664
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011226
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20020102
Manifest ID:	21285444
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011127
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21285288
Trans EPA ID:	CAD981446156

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EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011127
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21285285
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008302903
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.72
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011127
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21285285
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008302903
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

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SEVEN WORLDWIDE (Continued)

S106826081

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011127
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011130
Manifest ID:	21285284
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000094664
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011029
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011114
Manifest ID:	21208064
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000094664
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD980884183
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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EDR ID Number
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SEVEN WORLDWIDE (Continued)

S106826081

Shipment Date: 20011029
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011107
Manifest ID: 21208266
Trans EPA ID: CAD981446156
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: Not reported
TSDf Alt EPA ID: CAD008302903
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.309
Waste Quantity: 385
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010926
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20010927
Manifest ID: 21204725
Trans EPA ID: CAD981446156
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: Not reported
TSDf Alt EPA ID: CAD008302903
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.99
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010926
Creation Date: 12/17/2001 0:00:00
Receipt Date: 20010927
Manifest ID: 21204725
Trans EPA ID: CAD981446156
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 1.8
Waste Quantity: 3600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2004
Gen EPA ID: CAR000044545

Shipment Date: 20041201
Creation Date: 3/13/2007 18:30:13
Receipt Date: 20041206
Manifest ID: 23846928
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20041201
Creation Date: 3/13/2007 18:30:42
Receipt Date: 20041203
Manifest ID: 23846927
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID: CAD982444481
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: NONE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041013
Creation Date:	12/31/2004 18:31:40
Receipt Date:	20041019
Manifest ID:	23846633
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID:	CAD982444481
TSDf Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.683
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041013
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041018
Manifest ID:	23846634
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Shipment Date: 20040827
Creation Date: 12/28/2004 14:47:40
Receipt Date: 20040831
Manifest ID: 23846356
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: NONE
Meth Code: H01 - Transfer Station
Quantity Tons: 1.683
Waste Quantity: 495
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040715
Creation Date: 11/5/2004 18:30:59
Receipt Date: 20040720
Manifest ID: 23846050
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: H01 - Transfer Station
Quantity Tons: Not reported
Waste Quantity: 55
Quantity Unit: Not reported
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040715
Creation Date: 11/5/2004 18:30:59
Receipt Date: 20040720
Manifest ID: 23846050
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.683
Waste Quantity:	495
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040604
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040608
Manifest ID:	96765093
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.496
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040604
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040608
Manifest ID:	96765093
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040604
Creation Date: 11/1/2004 9:00:46
Receipt Date: 20040607
Manifest ID: 96765094
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2005
Gen EPA ID: CAR000044545

Shipment Date: 20050706
Creation Date: 10/11/2005 18:32:36
Receipt Date: 20050707
Manifest ID: 24150836
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 2.244
Waste Quantity: 660
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Shipment Date: 20050706
Creation Date: 10/11/2005 18:32:36
Receipt Date: 20050709
Manifest ID: 24150837
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050419
Creation Date: 7/28/2005 18:30:54
Receipt Date: 20050422
Manifest ID: 24149662
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 0.209
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050419
Creation Date: 7/28/2005 18:30:54
Receipt Date: 20050422
Manifest ID: 24149662
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.431
Waste Quantity:	715
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050324
Creation Date:	6/2/2005 18:31:52
Receipt Date:	20050329
Manifest ID:	24149682
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.9
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050202
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050208
Manifest ID:	23847183
Trans EPA ID:	CAR000129759
Trans Name:	HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.057
Waste Quantity:	605
Quantity Unit:	G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050202
Creation Date: 4/29/2005 11:28:07
Receipt Date: 20050207
Manifest ID: 23847184
Trans EPA ID: CAR000129759
Trans Name: HAZARDOUS WASTE TRANSPORTATION SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: R01 - Recycler
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

WIP:

Name: CAPITOL RECORDS DIST.
Address: 3116 W Avenue 32
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0875
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

HWTS:

Name: SEVEN WORLDWIDE
Address: 3116 W AVENUE 32
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900652317
EPA ID: CAR000044545
Inactive Date: 06/30/2005
Create Date: 04/28/1999
Last Act Date: 12/04/2006
Mailing Name: Not reported
Mailing Address: 3116 W AVENUE 32
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900652317
Owner Name: SEVEN WORLDWIDE
Owner Address: 450 W 33RD ST
Owner Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEVEN WORLDWIDE (Continued)

S106826081

Owner City,State,Zip: LA, NY 100010000
Contact Name: JOHN SCOTT V.P. OPERATIONS
Contact Address: 3116 W AVENUE 32
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900652317

NAICS:

EPA ID: CAR000044545
Create Date: 2004-10-20 10:23:57.043
NAICS Code: 323114
NAICS Description: Quick Printing
Issued EPA ID Date: 1999-04-28 00:00:00
Inactive Date: 2005-06-30 15:01:00
Facility Name: SEVEN WORLDWIDE
Facility Address: 3116 W AVENUE 32
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900652317

E28
SW
< 1/8
0.060 mi.
315 ft.

RAFIDAIN REFINERY, INC
3060 ROSWELL ST
LOS ANGELES, CA 90085

CA HAZNET S12375304
CA HAZMAT N/A
CA HWTS

Site 1 of 13 in cluster E

Relative:
Lower
Actual:
396 ft.

HAZNET:

Name: RAFIDAIN REFINERY, INC
Address: 3060 ROSWELL ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900850000
Contact: UNDELIVERABLE PER SURVEY
Telephone: 9169333804
Mailing Name: Not reported
Mailing Address: 2048 HICKOK RD

Year: 1988
Gepaid: CAD981382831
TSD EPA ID: CAT000612150
CA Waste Code: 172 - Metal dust (Alkaline solution (pH >= 12.5) with metals) and machining waste
Disposal Method: R01 - Recycler
Tons: 0.075

Year: 1987
Gepaid: CAD981382831
TSD EPA ID: CAT000646117
CA Waste Code: 711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 17.514

Year: 1987
Gepaid: CAD981382831
TSD EPA ID: CAD020748125
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

S123755304

Disposal Method: D83 - Disposal, Surface Impoundment
Tons: 12.51

Year: 1987
Gepaid: CAD981382831
TSD EPA ID: CAT000612150
CA Waste Code: 172 - Metal dust (Alkaline solution (pH >= 12.5) with metals) and machining waste

Disposal Method: UNK -
Tons: 0.06

Year: 1987
Gepaid: CAD981382831
TSD EPA ID: CAT000612150
CA Waste Code: 711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 4.5452

Year: 1986
Gepaid: CAD981382831
TSD EPA ID: Not reported
CA Waste Code: 172 - Metal dust (Alkaline solution (pH >= 12.5) with metals) and machining waste

Disposal Method: 01 -
Tons: 0.907

Year: 1986
Gepaid: CAD981382831
TSD EPA ID: CAD020748125
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent

Disposal Method: T31 - Neutralization
Tons: 20.85

Year: 1986
Gepaid: CAD981382831
TSD EPA ID: Not reported
CA Waste Code: 711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method: 01 -
Tons: 1.8348

LOS ANGELES HM:

Name: L'OREX METAL
Address: 3060 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0018822
Last Run Date: 04/19/2021
Status: INACTIVE

HWTS:

Name: RAFIDAIN REFINERY, INC
Address: 3060 ROSWELL ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900850000
EPA ID: CAD981382831

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

S123755304

Inactive Date: 06/30/1998
Create Date: 04/10/1987
Last Act Date: 09/14/2004
Mailing Name: C/O HAROLD PETERS
Mailing Address: 2048 HICKOK RD
Mailing Address 2: Not reported
Mailing City,State,Zip: EL DORADO HILLS, CA 957629748
Owner Name: KRİKOR MAHROUK, PRES,OWNER
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: UNDELIVERABLE PER SURVEY
Contact Address: INACT PER 98 VQ FINAL NOTICE - HN
Contact Address 2: Not reported
City,State,Zip: GLENDALE, CA 912050000

E29
SW
< 1/8
0.060 mi.
315 ft.

RAFIDAIN REFINERY INC
3060 N ROSWELL ST
LOS ANGELES, CA 90065
Site 2 of 13 in cluster E

CA CERS HAZ WASTE S123538280
N/A

Relative:
Lower
Actual:
396 ft.

CERS HAZ WASTE:
Name: RAFIDAIN REFINERY INC
Address: 3060 N ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 59942
CERS ID: 10246960
CERS Description: Hazardous Waste Generator

Violations:

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 09-29-2021
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.

Violation Notes: OBSERVATION: Owner/Operator is a small quantity generator and failed to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles), or has failed to comply with the conditions of CCR 66262.34(d) and has stored hazardous waste over 90 days. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY INC (Continued)

S123538280

Violation Date: 09-15-2015
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 12/29/2015. OBSERVATION: MOST (30+) CONTAINERS FOUND INSIDE THE ROOM WERE NOT COVERED. All hazardous waste containers shall be closed at all times except when adding or removing waste. CORRECTIVE ACTION: Immediately close these containers and ensure all hazardous waste containers are closed when not adding or removing waste.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 09-29-2021
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: OBSERVATION: Spent acid containers located in the building were observed with missing label information. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 09-29-2021
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report, and report accurately, program data (such as hazardous waste generation activities) electronically.
Violation Notes: OBSERVATION: Owner/Operator failed to report program data electronically into CERS, or reported information incorrectly. CORRECTIVE ACTION: Complete all required reporting into CERS.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 09-29-2021
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: OBSERVATION: The floor dust batch in a 5 gallon container collected from various jewelers located in the oven/mixer room was observed being accumulated and a proper waste determination has not been made.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY INC (Continued)

S123538280

CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the floor dust batch in a 5 gallon container has been properly characterized to determine if it is a hazardous waste. If determined to be hazardous submit a manifest/receipt documenting proper disposal and a statement demonstrating how you will manage it in the future.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 10-05-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 03/22/2019. OBSERVATION: Observed the following containers of hazardous waste containers without proper hazardous waste labels: - 1 x 20 gallon container of paper waste solids contaminated with acid waste - 2 x 55 gallon drum of NA 3082 hazardous waste liquid CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 09-15-2015
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)

Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.

Violation Notes: Returned to compliance on 12/29/2015. OBSERVATION: TWO ROOMS FILLED WITH ACID WASTE WITH 17 X 32 GALLON CONTAINERS AND 27 X 5 GALLON CONTAINERS. LAST MANIFEST AVAILABLE WAS FOR 4/5/12 SHOWING DISPOSAL AMOUNT OF 1100 GALLONS. Facilities who generate less than 1000 kg of hazardous waste per month and do not exceed 6000 kg of waste stored on site at any time may store waste on site up to 180 days. CORRECTIVE ACTION: Immediately contact a licensed hazardous waste hauler to dispose of this waste under manifest and submit a copy of the manifest to the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 10-05-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY INC (Continued)

S123538280

Violation Notes: and mark with an accumulation start date.
Returned to compliance on 03/22/2019. OBSERVATION: The two ~500 gallon capacity NA3082 Hazardous Waste liquid tanks were observed without a label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the two ~500 gallon capacity hazardous waste tanks have been properly labeled.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 09-15-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 12/29/2015. OBSERVATION: OBSERVED 2 ACID TANKS WITH EMPTY HAZARDOUS WASTE LABEL. OBSERVED 17 X 32 GALLON CONTAINERS WITH NO LABELS. OBSERVED 27 X 5 GALLON OF WASTE ACID CONTAINERS NOT LABELED. LABELING IS A REPEATED VIOLATIONS NOTED ON PRIOR INSPECTION REPORT DATED: 8/4/12 AND 3/23/09. All hazardous waste containers shall be marked with the following information: 1) the words Hazardous Waste ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 59942
Site Name: RAFIDAIN REFINERY INC
Violation Date: 10-05-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173

Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 03/22/2019. OBSERVATION: The following containers of hazardous waste were observed open: - 1 x 20 gallon container of paper waste solids contaminated with acid waste - 2 x 55 gallon drum of NA 3082 hazardous waste liquid CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY INC (Continued)

S123538280

Eval Date: 09-15-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Agop Bastikian, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Agop Bastikian, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-22-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jack Bastikian, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3060 ROSWELL ST
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: RAFIDAIN REFINERY INC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RAFIDAIN REFINERY INC (Continued)

S123538280

Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

Affiliation Type Desc: CUPA District
 Entity Name: Los Angeles City Fire Department
 Entity Title: Not reported
 Affiliation Address: 200 North Main Street, Room 1780
 Affiliation City: Los Angeles
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 90012
 Affiliation Phone: (213) 978-3680,

E30
SW
 < 1/8
 0.060 mi.
 315 ft.

RAFIDAIN REFINERY, INC
3060 ROSWELL ST
LOS ANGELES, CA 90065

Site 3 of 13 in cluster E

RCRA-SQG 1000247809
FINDS CAD981382831
ECHO
CA HWP
CA CERS

Relative:
Lower
Actual:
396 ft.

RCRA-SQG:
 Date Form Received by Agency: 19960901
 Handler Name: RAFIDAIN REFINERY, INC
 Handler Address: 3060 ROSWELL ST
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAD981382831
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 4
 Mailing Address: 3060 ROSWELL ST
 Mailing City,State,Zip: LOS ANGELES, CA 90065
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: NOT REQUIRED
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

1000247809

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

1000247809

Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FADI K OHANES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: RAFIDAIN REFINERY, INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860227
Handler Name: RAFIDAIN REFINERY, INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

1000247809

FINDS:

Registry ID: 110008266740

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000247809
Registry ID: 110008266740
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110008266740>
Name: RAFIDAIN REFINERY, INC
Address: 3060 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065

HWP:

EPA ID: CAD981382831
Name: RAFIDAIN REFINERY, INC
Address: 3060 ROSWELL ST
Cleanup Status: CLOSED
Latitude: 34.11493
Longitude: -118.2431
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: 530012
Senate District: 24
Assembly District: 51
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: Not reported
Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 91-95%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

1000247809

Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1987-07-24 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: Contain1, Tankstr1, Tankstr2
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 07/24/1987

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1987-07-24 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: Contain1, Tankstr1, Tankstr2
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 04/19/1985

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1987-07-24 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: Contain1, Tankstr1, Tankstr2
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 11/20/1984

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

1000247809

Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1987-07-24 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: Contain1, Tankstr1, Tankstr2
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 08/24/1992

Closure:

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: A settleman agreement (violation via SCD) was asked the facility to close.
Unit Names: Contain1, Tankstr1, Tankstr2
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 06/03/2003

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: A settleman agreement (violation via SCD) was asked the facility to close., Operation plan's closure plan was used for final closure process. Permit withdraw application (enforcement) was effected on 1994, the owner of the facility didn't go through closure process till 2002.
Unit Names: Contain1, Tankstr1, Tankstr2
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 05/12/2003

Alias:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RAFIDAIN REFINERY, INC (Continued)

1000247809

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110008266740

EPA ID: CAD981382831
Facility Type: Historical - Non-Operating
Facility Name: RAFIDAIN REFINERY, INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 530012

CERS:

Name: RAFIDAIN REFINERY, INC
Address: 3060 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 900850000
Site ID: 250686
CERS ID: CAD981382831
CERS Description: Hazardous Waste

Affiliation:

Affiliation Type Desc: Facility Owner
Entity Name: KRIKOR MAHROUK, PRES,OWNER
Entity Title: Not reported
Affiliation Address: --
Affiliation City: --
Affiliation State: 99
Affiliation Country: Not reported
Affiliation Zip: --
Affiliation Phone: 0000000000,

Affiliation Type Desc: Facility Contact
Entity Name: UNDELIVERABLE PER SURVEY
Entity Title: Not reported
Affiliation Address: INACT PER 98 VQ FINAL NOTICE - HN
Affiliation City: GLENDALE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 912050000
Affiliation Phone: 9169333804,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

E31 SW < 1/8 0.060 mi. 315 ft.	L'OREX METAL 3060 ROSWELL ST LOS ANGELES, CA 90065 Site 4 of 13 in cluster E	RCRA NonGen / NLR	1024795341 CAL000162053
Relative: Lower	RCRA NonGen / NLR: Date Form Received by Agency:	L'OREX METAL	19971010
Actual: 396 ft.	Handler Name: Handler Address: Handler City,State,Zip: EPA ID: Contact Name: Contact Address: Contact City,State,Zip: Contact Telephone: Contact Fax: Contact Email: Contact Title: EPA Region: Land Type: Federal Waste Generator Description: Non-Notifier: Biennial Report Cycle: Accessibility: Active Site Indicator: State District Owner: State District: Mailing Address: Mailing City,State,Zip: Owner Name: Owner Type: Operator Name: Operator Type: Short-Term Generator Activity: Importer Activity: Mixed Waste Generator: Transporter Activity: Transfer Facility Activity: Recycler Activity with Storage: Small Quantity On-Site Burner Exemption: Smelting Melting and Refining Furnace Exemption: Underground Injection Control: Off-Site Waste Receipt: Universal Waste Indicator: Universal Waste Destination Facility: Federal Universal Waste: Active Site Fed-Reg Treatment Storage and Disposal Facility: Active Site Converter Treatment storage and Disposal Facility: Active Site State-Reg Treatment Storage and Disposal Facility: Active Site State-Reg Handler: Federal Facility Indicator: Hazardous Secondary Material Indicator: Sub-Part K Indicator: Commercial TSD Indicator: Treatment Storage and Disposal Type: 2018 GPRA Permit Baseline: 2018 GPRA Renewals Baseline: Permit Renewals Workload Universe:	L'OREX METAL 3060 ROSWELL ST LOS ANGELES, CA 90065-2214 CAL000162053 AGOP JACK BASTIKIAN 3060 ROSWELL ST LOS ANGELES, CA 90065 213-254-0000 213-254-0003 JACOPO1188@AOL.COM Not reported 09 Not reported Not a generator, verified Not reported Not reported Not reported Handler Activities Not reported Not reported 3060 ROSWELL ST LOS ANGELES, CA 90065-2214 AGOP (JACK) BASTIKIAN Other AGOP JACK BASTIKIAN Other No No No Yes No No No No No No No No No No Yes Yes No Not reported Not reported Not reported --- Not reported N Not reported No Not reported Not on the Baseline Not on the Baseline Not reported	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

L'OREX METAL (Continued)

1024795341

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AGOP JACK BASTIKIAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3060 ROSWELL ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	213-254-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AGOP (JACK) BASTIKIAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3060 ROSWELL ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065-2214
Owner/Operator Telephone:	213-254-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

L'OREX METAL (Continued)

1024795341

Historic Generators:

Receive Date: 19971010
Handler Name: L'OREX METAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D32
West
< 1/8
0.062 mi.
326 ft.

CARTER C L
3120 FLETCHER DR
LOS ANGELES, CA
Site 2 of 10 in cluster D

EDR Hist Auto 1009081472
N/A

Relative:
Lower

EDR Hist Auto

Actual:
397 ft.

Year: Name:
1937 CARTER C L

Type:
GASOLINE AND OIL SERVICE STATIONS

D33
West
< 1/8
0.062 mi.
328 ft.

CLARK A W
3118 FLETCHER DR
LOS ANGELES, CA
Site 3 of 10 in cluster D

EDR Hist Auto 1009079968
N/A

Relative:
Lower

EDR Hist Auto

Actual:
397 ft.

Year: Name:
1933 CLARK A W
1942 GORDANIER J E

Type:
GASOLINE AND OIL SERVICE STATIONS
GASOLINE AND OIL SERVICE STATIONS

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
D34 West < 1/8 0.067 mi. 352 ft.	3107 FLETCHER DR LOS ANGELES, CA Site 4 of 10 in cluster D	CA UST	U004301911 N/A
Relative: Lower	LOS ANGELES UST: Name: Not reported		
Actual: 396 ft.	Address: 3107 FLETCHER DR City,State,Zip: LOS ANGELES, CA Facility ID: Not reported Last Run Date: 01/01/1900 Status: HISTORICAL		
D35 West < 1/8 0.069 mi. 362 ft.	MC OMBER J T 3105 FLETCHER DR LOS ANGELES, CA Site 5 of 10 in cluster D	EDR Hist Auto	1009080545 N/A
Relative: Lower	EDR Hist Auto		
Actual: 396 ft.	Year: 1933 Name: MC OMBER J T Type: GASOLINE AND OIL SERVICE STATIONS		
E36 SW < 1/8 0.069 mi. 362 ft.	3056 ROSWELL ST LOS ANGELES, CA Site 5 of 13 in cluster E	CA UST	U004301869 N/A
Relative: Lower	LOS ANGELES UST: Name: Not reported		
Actual: 396 ft.	Address: 3056 ROSWELL ST City,State,Zip: LOS ANGELES, CA Facility ID: Not reported Last Run Date: 01/01/1900 Status: HISTORICAL		
D37 SW < 1/8 0.077 mi. 404 ft.	3057 ROSWELL ST LOS ANGELES, CA Site 6 of 10 in cluster D	CA UST	U004301870 N/A
Relative: Lower	LOS ANGELES UST: Name: Not reported		
Actual: 395 ft.	Address: 3057 ROSWELL ST City,State,Zip: LOS ANGELES, CA Facility ID: Not reported Last Run Date: 01/01/1900 Status: HISTORICAL		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D38
SW
 < 1/8
 0.077 mi.
 404 ft.

GENX LABORATORIES INC
3057 ROSWELL ST
LOS ANGELES, CA 90065

RCRA NonGen / NLR

1024840503
CAL000389309

Site 7 of 10 in cluster D

Relative:
Lower

RCRA NonGen / NLR:

Actual:
395 ft.

Date Form Received by Agency:	20130909
Handler Name:	GENX LABORATORIES INC
Handler Address:	3057 ROSWELL ST
Handler City,State,Zip:	LOS ANGELES, CA 90065
EPA ID:	CAL000389309
Contact Name:	NANCY OGAN
Contact Address:	3057 ROSWELL ST
Contact City,State,Zip:	LOS ANGELES, CA 90065
Contact Telephone:	323-344-8834
Contact Fax:	323-344-8624
Contact Email:	NANCY.OGAN@GENXLABORATORIES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3057 ROSWELL ST
Mailing City,State,Zip:	LOS ANGELES, CA 90065
Owner Name:	GENX LABORATORIES INC
Owner Type:	Other
Operator Name:	NANCY OGAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRR Permit Baseline:	Not on the Baseline
2018 GPRR Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GENX LABORATORIES INC (Continued)

1024840503

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GENX LABORATORIES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3057 ROSWELL ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-344-8834
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NANCY OGAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3057 ROSWELL ST
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-344-8834
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENX LABORATORIES INC (Continued)

1024840503

Historic Generators:

Receive Date: 20130909
Handler Name: GENX LABORATORIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 54194
NAICS Description: VETERINARY SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

D39
SW
< 1/8
0.077 mi.
404 ft.

ETC EDGE TELEVISION CENTER
3057 ROSWELL ST
LOS ANGELES, CA 90065

CA WIP S106769182
N/A

Site 8 of 10 in cluster D

Relative:
Lower

WIP:
Name: ETC EDGE TELEVISION CENTER
Address: 3057 Roswell St
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0438
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

Actual:
395 ft.

E40
SW
< 1/8
0.078 mi.
412 ft.

HYDROTHERMIC FLOTATION SYSTEMS
3050 ROSWELL ST
LOS ANGELES, CA 90065

CA WIP S106769183
N/A

Site 6 of 13 in cluster E

Relative:
Lower

WIP:
Name: HYDROTHERMIC FLOTATION SYSTEMS
Address: 3050 Roswell St
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0440
File Status: Historical

Actual:
395 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HYDROTHERMIC FLOTATION SYSTEMS (Continued)

S106769183

Staff: UNIDENTIFIED
 Facility Suite: Not reported

**E41
 SW
 < 1/8
 0.085 mi.
 450 ft.**

**3051 ROSWELL ST
 LOS ANGELES, CA
 Site 7 of 13 in cluster E**

**CA UST U004301865
 N/A**

**Relative:
 Lower**

LOS ANGELES UST:

Name: Not reported
 Address: 3051 ROSWELL ST
 City, State, Zip: LOS ANGELES, CA
 Facility ID: Not reported
 Last Run Date: 01/01/1900
 Status: HISTORICAL

**F42
 NNE
 < 1/8
 0.086 mi.
 453 ft.**

**ADAMS R H
 3408 FLETCHER DR
 LOS ANGELES, CA
 Site 1 of 4 in cluster F**

**EDR Hist Auto 1009078503
 N/A**

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 424 ft.**

Year: Name: Type:
 1933 ADAMS R H AUTOMOBILE REPAIRING

**D43
 WSW
 < 1/8
 0.087 mi.
 457 ft.**

**ELECTROSEAL PLASTIC INCORPORAT
 3050 FLETCHER DR
 LOS ANGELES, CA 90065
 Site 9 of 10 in cluster D**

**CA SWEEPS UST S101586668
 CA FID UST N/A**

**Relative:
 Lower**

SWEEPS UST:

**Actual:
 395 ft.**

Name: ELECTROSEAL PLASTIC INCORPORAT
 Address: 3050 FLETCHER DR
 City: LOS ANGELES
 Status: Not reported
 Comp Number: 4165
 Number: Not reported
 Board Of Equalization: Not reported
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: Not reported
 Tank Status: Not reported
 Capacity: Not reported
 Active Date: Not reported
 Tank Use: Not reported
 STG: Not reported
 Content: Not reported
 Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ELECTROSEAL PLASTIC INCORPORAT (Continued)

S101586668

CA FID UST:

Facility ID: 19054334
Regulated By: UTKNI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 3050 FLETCHER DR
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

D44
WSW
< 1/8
0.087 mi.
457 ft.

DESIGNER PLASTICS
3050 N FLETCHER DR
LOS ANGELES, CA 90065
Site 10 of 10 in cluster D

CA WIP S106769123
N/A

Relative:
Lower
Actual:
395 ft.

WIP:
Name: DESIGNER PLASTICS
Address: 3050 N Fletcher Dr
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0316
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

G45
WSW
< 1/8
0.095 mi.
502 ft.

3046 FLETCHER DR
LOS ANGELES, CA
Site 1 of 10 in cluster G

CA UST U004301857
N/A

Relative:
Lower
Actual:
395 ft.

LOS ANGELES UST:
Name: Not reported
Address: 3046 FLETCHER DR
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

G46 **UNK**
WSW **3046 FLETCHER DR**
< 1/8 **LOS ANGELES, CA 90065**
0.095 mi.
502 ft. **Site 2 of 10 in cluster G**

CA SWEEPS UST **S101584786**
CA FID UST **N/A**

Relative: SWEEPS UST:
Lower Name: UNK
 Address: 3046 FLETCHER DR
Actual: City: LOS ANGELES
395 ft. Status: Not reported
 Comp Number: 7791
 Number: Not reported
 Board Of Equalization: Not reported
 Referral Date: Not reported
 Action Date: Not reported
 Created Date: Not reported
 Owner Tank Id: Not reported
 SWRCB Tank Id: Not reported
 Tank Status: Not reported
 Capacity: Not reported
 Active Date: Not reported
 Tank Use: Not reported
 STG: Not reported
 Content: Not reported
 Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19015584
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: UNK
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

H47 **APC INDUSTRIES**
West **3030 FLETCHER DRIVE**
< 1/8 **LOS ANGELES, CA 90065**
0.097 mi.
511 ft. **Site 1 of 8 in cluster H**

RCRA NonGen / NLR **1024795622**
CAL000168481

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 19961101
Actual: Handler Name: APC INDUSTRIES
397 ft. Handler Address: 3030 FLETCHER DRIVE
 Handler City,State,Zip: LOS ANGELES, CA 90065-0000
 EPA ID: CAL000168481
 Contact Name: ROCIO PEREZ

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APC INDUSTRIES (Continued)

1024795622

Contact Address:	3030 FLETCHER DR
Contact City,State,Zip:	LOS ANGELES, CA 90065
Contact Telephone:	323-255-7101
Contact Fax:	323-543-8923
Contact Email:	ROCIO@APCINDUSTRIES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3030 FLETCHER DR
Mailing City,State,Zip:	LOS ANGELES, CA 90065-2207
Owner Name:	MARY C. CORELLA
Owner Type:	Other
Operator Name:	ROCIO PEREZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APC INDUSTRIES (Continued)

1024795622

Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDU Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARY C. CORELLA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3030 FLETCHER DR
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065-2207
Owner/Operator Telephone:	323-255-7101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROCIO PEREZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3030 FLETCHER DR
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-255-7101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:	
Receive Date:	19961101
Handler Name:	APC INDUSTRIES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APC INDUSTRIES (Continued)

1024795622

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 81299
NAICS Description: ALL OTHER PERSONAL SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

H48
West
< 1/8
0.097 mi.
511 ft.

AUTOMATIC PACKAGING
3030 N FLETCHER DR
LOS ANGELES, CA 90065

CA HAZMAT
CA WIP
CA CERS

S106769121
N/A

Site 2 of 8 in cluster H

Relative:
Lower
Actual:
397 ft.

LOS ANGELES HM:
Name: A P C INDUSTRIES
Address: 3030 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0006110
Last Run Date: 04/19/2021
Status: ACTIVE

WIP:

Name: AUTOMATIC PACKAGING
Address: 3030 N Fletcher Dr
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0314
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: A P C INDUSTRIES
Address: 3030 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 2132
CERS ID: 10242871
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 06/15/2017.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-31-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 01/12/2021. The emergency response phone number(s) listed in Sections C1 through C6 of the Emergency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Response/Contingency Plan are incorrect and/or missing. Please review the form and correct the following: Water Board phone number is missing. The phone number for the Local CUPA should be (213) 978-3680 and the phone number for the Region Water Quality Control Board is (213) 576-6600. You can download the most current CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN form at <https://www.lafd.org/fire-prevention/cupa/hazardous-materials>

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-31-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 01/12/2021. Review, update and resubmit the Hazardous Materials Inventory into CERS to include all hazardous material stored in a capacity equal to or greater than 55 gallons of liquid, 200 cubic feet of compressed gas or 500 pounds in weight of a solid. Please correct the following: add Nitrogen 250 cu ft.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violation Notes: Returned to compliance on 06/15/2017.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Returned to compliance on 06/15/2017.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 06/15/2017.

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132
Site Name: A P C INDUSTRIES
Violation Date: 04-27-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2132

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Site Name: A P C INDUSTRIES
Violation Date: 08-22-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 06/15/2017.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Rocío Perez, Office Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: RE INSPECTION
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: AFTER RE INSPECTION THIS SITE HAS COMPLIED WITH CERS AND ESTABLISHED AN ADEQUATE HAZARDOUS MATERIALS BUSINESS PLAN ON CERS. ONLY THE ANNUAL UPDATE IS NEEDED.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-12-2021

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All violations corrected and cleared.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given by: Rocio Perez The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into CERS [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3030 FLETCHER DR
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: A P C INDUSTRIES
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: MARY C CORELLA
Entity Title: Not reported
Affiliation Address: 3030 FLETCHER DRIVE
Affiliation City: LOS ANGELES
Affiliation State: CA

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 255-7101,

Affiliation Type Desc: Document Preparer
Entity Name: ROCIO PEREZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: ROCIO PEREZ
Entity Title: Not reported
Affiliation Address: 3030 N FLETCHER DR
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: MARTA CORELLA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 255-7101,

Affiliation Type Desc: Identification Signer
Entity Name: ROCIO PEREZ
Entity Title: OFFICE MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Legal Owner
Entity Name: NB&T INDUSTRIES
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOMATIC PACKAGING (Continued)

S106769121

Affiliation Address: 3030 FLETCHER DRIVE
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 255-7101,

E49 **AMTECH ELEVATOR SERVICES** **CA HAZMAT** **S123547629**
SW **3041 ROSWELL ST** **N/A**
< 1/8 **LOS ANGELES, CA 90065**
0.100 mi.
527 ft. **Site 8 of 13 in cluster E**

Relative: LOS ANGELES HM:
Lower Name: AMTECH ELEVATOR SERVICES
Address: 3041 ROSWELL ST
Actual: City,State,Zip: LOS ANGELES, CA 90065
394 ft. Facility ID: FA0019832
Last Run Date: 04/19/2021
Status: ACTIVE

E50 **AMTECH ELEVATOR SERVICES** **CA UST** **U004306588**
SW **3041 ROSWELL ST** **N/A**
< 1/8 **LOS ANGELES, CA 90065**
0.100 mi.
527 ft. **Site 9 of 13 in cluster E**

Relative: LOS ANGELES UST:
Lower Name: AMTECH ELEVATOR SERVICES
Address: 3041 ROSWELL ST
Actual: City,State,Zip: LOS ANGELES, CA 90065
394 ft. Facility ID: FA0019832
Last Run Date: 04/19/2021
Status: INACTIVE

E51 **AMTECH ELEVATOR SERVICE** **RCRA NonGen / NLR** **1024825830**
SW **3041 ROSWELL ST** **CAL000352392**
< 1/8 **LOS ANGELES, CA 90065**
0.100 mi.
527 ft. **Site 10 of 13 in cluster E**

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 20100517
Actual: Handler Name: AMTECH ELEVATOR SERVICE
394 ft. Handler Address: 3041 ROSWELL ST
Handler City,State,Zip: LOS ANGELES, CA 90065-2213
EPA ID: CAL000352392
Contact Name: JIMMIE MARTIN
Contact Address: 3041 ROSWELL ST
Contact City,State,Zip: LOS ANGELES, CA 90065-0000
Contact Telephone: 323-344-2932
Contact Fax: 860-660-2722
Contact Email: JIMMIE.MARTIN@AMTECHELEVATOR.COM
Contact Title: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMTECH ELEVATOR SERVICE (Continued)

1024825830

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3041 ROSWELL STREET
Mailing City,State,Zip:	LOS ANGELES, CA 90065-0000
Owner Name:	OTIS ELEVATOR CO
Owner Type:	Other
Operator Name:	JIMMIE MARTIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMTECH ELEVATOR SERVICE (Continued)

1024825830

Significant Non-Complier Universe: No
Unaddressed Significant Non-Complier Universe: No
Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 20180905
Recognized Trader-Importer: No
Recognized Trader-Exporter: No
Importer of Spent Lead Acid Batteries: No
Exporter of Spent Lead Acid Batteries: No
Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: JIMMIE MARTIN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3041 ROSWELL ST
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065-0000
Owner/Operator Telephone: 323-344-2932
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OTIS ELEVATOR CO
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1 FARM SPRINGS RD
Owner/Operator City,State,Zip: FARMINGTON, CT 06032-2572
Owner/Operator Telephone: 860-676-6000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100517
Handler Name: AMTECH ELEVATOR SERVICE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 333921

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMTECH ELEVATOR SERVICE (Continued)

1024825830

NAICS Description: ELEVATOR AND MOVING STAIRWAY MANUFACTURING

Facility Has Received Notices of Violations:
 Violations: No Violations Found

Evaluation Action Summary:
 Evaluations: No Evaluations Found

E52
SW
 < 1/8
 0.100 mi.
 527 ft.
 Relative:
 Lower
 Actual:
 394 ft.

WESTLAND HEATING & AIR COND
3041 ROSWELL ST
LOS ANGELES, CA 90065
 Site 11 of 13 in cluster E

CA LUST S101585006
CA CERS HAZ WASTE N/A
CA SWEEPS UST
CA FID UST
CA Cortese
CA HIST CORTESE
CA WIP
CA CERS

LUST:
 Name: WESTLAND HEATING & AIR COND
 Address: 3041 ROSWELL ST
 City,State,Zip: LOS ANGELES, CA 90065
 Lead Agency: LOS ANGELES RWQCB (REGION 4)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701182
 Global Id: T0603701182
 Latitude: 34.1146491
 Longitude: -118.2444777
 Status: Completed - Case Closed
 Status Date: 01/28/2004
 Case Worker: Not reported
 RB Case Number: 900650098
 Local Agency: LOS ANGELES, CITY OF
 File Location: Not reported
 Local Case Number: Not reported
 Potential Media Affect: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
 Site History: Not reported

LUST:
 Global Id: T0603701182
 Contact Type: Local Agency Caseworker
 Contact Name: ELOY LUNA
 Organization Name: LOS ANGELES, CITY OF
 Address: 200 North Main Street, Suite 1780
 City: LOS ANGELES
 Email: eloy.luna@lacity.org
 Phone Number: Not reported

LUST:
 Global Id: T0603701182
 Action Type: Other
 Date: 04/13/1992
 Action: Leak Reported

Global Id: T0603701182
 Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: RESPONSE
Date: 06/13/2002
Action: Soil and Water Investigation Workplan

Global Id: T0603701182
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: ENFORCEMENT
Date: 01/28/2004
Action: Closure/No Further Action Letter

Global Id: T0603701182
Action Type: Other
Date: 03/31/1992
Action: Leak Stopped

Global Id: T0603701182
Action Type: ENFORCEMENT
Date: 02/27/2003
Action: 13267 Requirement

Global Id: T0603701182
Action Type: ENFORCEMENT
Date: 12/30/2003
Action: Notification - Preclosure

Global Id: T0603701182
Action Type: RESPONSE
Date: 03/15/2004
Action: Unknown

Global Id: T0603701182
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: RESPONSE
Date: 01/15/2004
Action: Other Report / Document

Global Id: T0603701182
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Global Id: T0603701182
Action Type: ENFORCEMENT
Date: 05/15/2002
Action: Staff Letter

Global Id: T0603701182
Action Type: Other
Date: 03/31/1992
Action: Leak Discovery

Global Id: T0603701182
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701182
Action Type: RESPONSE
Date: 03/06/2003
Action: Well Installation Report

LUST:

Global Id: T0603701182
Status: Open - Case Begin Date
Status Date: 03/31/1992

Global Id: T0603701182
Status: Open - Site Assessment
Status Date: 10/06/1995

Global Id: T0603701182
Status: Open - Site Assessment
Status Date: 09/15/2000

Global Id: T0603701182
Status: Open - Site Assessment
Status Date: 06/13/2002

Global Id: T0603701182
Status: Completed - Case Closed
Status Date: 01/28/2004

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Facility Id: 900650098
Status: Case Closed
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603701182
W Global ID: Not reported
Staff: HSP
Local Agency: 19050
Cross Street: SAN FERNANDO
Enforcement Type: CLOS
Date Leak Discovered: 3/31/1992
Date Leak First Reported: 4/13/1992
Date Leak Record Entered: 11/6/1995
Date Confirmation Began: Not reported
Date Leak Stopped: 3/31/1992
Date Case Last Changed on Database: 9/19/2002
Date the Case was Closed: 1/28/2004
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: JOHN GIORDANO
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1379.1192052191017460778016122
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 10/6/1995
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 6/13/2002
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 6/11/2001
Hist Max MTBE Conc in Groundwater: 174
Hist Max MTBE Conc in Soil: 20
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: <
Organization: Not reported
Owner Contact: Not reported
Responsible Party: JOHN GIORDANO
RP Address: P.O. BOX 3331
Program: LUST
Lat/Long: 34.1146491 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: 01/24/97 PHASE II WORKPLAN SUBMITTED, APPROVED BY RN 2/1/97, RP REC'D 4 EXTENTIONS TO SUBMIT SAR. 11/12/97 REFERRED CONSULTANT TO SB FOR SOW APPLICATION.; 10/24/00 3RD QTR GW MON RPT 2000; 1/22/01 4TH QTR GW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

MON RPT 2000

CERS HAZ WASTE:

Name: AMTECH ELEVATOR SERVICES
Address: 3041 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 273800
CERS ID: 10621525
CERS Description: Hazardous Waste Generator

SWEEPS UST:

Name: WESTLAND HEATING/AIR CONDITION
Address: 3041 ROSWELL ST
City: LOS ANGELES
Status: Not reported
Comp Number: 4982
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CA FID UST:

Facility ID: 19018116
Regulated By: UTKNI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 3041 ROSWELL ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CORTESE:

Name: WESTLAND HEATING & AIR COND
Address: 3041 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Envirostor Id: Not reported
Global ID: T0603701182
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: WESTLAND HEATING & AIR CO
edr_fadd1: 3041 ROSWELL
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650098

WIP:

Name: WESTLAND
Address: 3041 Roswell St
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0437
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: AMTECH ELEVATOR SERVICES
Address: 3041 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 273800
CERS ID: 10621525
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 273800
Site Name: Amtech Elevator Services
Violation Date: 08-19-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Violation Notes: hazardous material.
Returned to compliance on 04/16/2021. The emergency response phone number(s) listed in Sections C1 through C6 of the Emergency Response/Contingency Plan are incorrect and/or missing. Please review the form and correct the following: Water Board phone number. The phone number for the Local CUPA should be (213) 978-3680 and the phone number for the Region Water Quality Control Board is (213) 576-6600. You can download the most current CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN form at <https://www.lafd.org/fire-prevention/cupa/hazardous-materials>

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given by: Derek Hunter The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into CERS [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Jimmie Martin, Repair Superintendent Derek Hunter, Warehouse Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-16-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All violations corrected.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Eval Date: 06-07-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:

Site ID: 273800
Facility Name: Amtech Elevator Services
Env Int Type Code: HWG
Program ID: 10621525
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.114360
Longitude: -118.244800

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: Pete Herzog
Entity Title: Not reported
Affiliation Address: 3041 Roswell St.
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Amtech Elevator Services
Entity Title: Not reported
Affiliation Address: 3041 Roswell St
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (323) 478-2100,

Affiliation Type Desc: Parent Corporation
Entity Name: OTIS ELEVATOR COMPANY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: Stanley Vath
Entity Title: Not reported
Affiliation Address: 2120 Peninsula Road
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: United States

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Affiliation Zip: 93035
Affiliation Phone: (805) 701-1433,

Affiliation Type Desc: Operator
Entity Name: Jim Strachan
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (310) 483-0069,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Identification Signer
Entity Name: Pete Herzog
Entity Title: Regional EH&S Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Pete Herzog
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3041 Roswell St
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Name: WESTLAND HEATING & AIR COND
Address: 3041 ROSWELL ST
City,State,Zip: LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTLAND HEATING & AIR COND (Continued)

S101585006

Site ID: 230536
CERS ID: T0603701182
CERS Description: Leaking Underground Storage Tank Cleanup Site
Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

E53
SW
< 1/8
0.103 mi.
542 ft.

HF SYSTEMS INC.
3039 ROSWELL ST
LOS ANGELES, CA 90065

CA WIP **S103979959**
N/A

Site 12 of 13 in cluster E

Relative:
Lower
Actual:
394 ft.

WIP:
Name: HF SYSTEMS INC.
Address: 3039 Roswell St
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0436
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

E54
SW
< 1/8
0.103 mi.
542 ft.

OLIVER & WILLIAMS ELEVATOR COMPANY
3039 ROSWELL ST
LOS ANGELES, CA 90065

CA HAZNET **S113090423**
CA HAZMAT **N/A**
CA HWTS

Site 13 of 13 in cluster E

Relative:
Lower
Actual:
394 ft.

HAZNET:
Name: OLIVER & WILLIAMS ELEVATOR COMPANY
Address: 3039 ROSWELL ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
Contact: LANCE HOWARD GEN MGR
Telephone: 3234782100
Mailing Name: Not reported
Mailing Address: 3039 ROSWELL ST

Year: 1998
Gepaid: CAL000172065
TSD EPA ID: CAD099452708
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H01 - Transfer Station
Tons: 5.9005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLIVER & WILLIAMS ELEVATOR COMPANY (Continued)

S113090423

Additional Info:

Year:	1998
Gen EPA ID:	CAL000172065
Shipment Date:	19980515
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980515
Manifest ID:	98150505
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.7514
Waste Quantity:	420
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980421
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980422
Manifest ID:	98127616
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	4.1491
Waste Quantity:	995
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES HM:

Name:	AM TECH ELEVATOR
Address:	3039 ROSWELL ST
City,State,Zip:	LOS ANGELES, CA 90065

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OLIVER & WILLIAMS ELEVATOR COMPANY (Continued)

S113090423

Facility ID: FA0033551
 Last Run Date: 04/19/2021
 Status: INACTIVE

HWTS:

Name: OLIVER & WILLIAMS ELEVATOR COMPANY
 Address: 3039 ROSWELL ST
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900650000
 EPA ID: CAL000172065
 Inactive Date: 06/30/2002
 Create Date: 04/20/1998
 Last Act Date: 04/24/2003
 Mailing Name: Not reported
 Mailing Address: 3039 ROSWELL ST
 Mailing Address 2: Not reported
 Mailing City,State,Zip: LOS ANGELES, CA 900650000
 Owner Name: EMERY WILCOX/VICE-PRESIDENT
 Owner Address: 3039 ROSWELL ST
 Owner Address 2: Not reported
 Owner City,State,Zip: LOS ANGELES, CA 900650000
 Contact Name: LANCE HOWARD GEN MGR
 Contact Address: 3039 ROSWELL ST
 Contact Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900650000

**F55
 NE
 < 1/8
 0.109 mi.
 574 ft.**

**MELROSE PORTABLE WELDERS
 3420 N FLETCHER DR
 LOS ANGELES, CA 90065**

**CA HAZMAT S123543284
 N/A**

Site 2 of 4 in cluster F

**Relative:
 Higher
 Actual:
 428 ft.**

LOS ANGELES HM:
 Name: MELROSE PORTABLE WELDERS
 Address: 3420 N FLETCHER DR
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0006115
 Last Run Date: 04/19/2021
 Status: INACTIVE

**G56
 WSW
 < 1/8
 0.114 mi.
 604 ft.**

**LOS ANGELES FIRE STATION 50
 3036 FLETCHER DR
 LOS ANGELES, CA 90065**

**CA FID UST S101585504
 N/A**

Site 3 of 10 in cluster G

**Relative:
 Lower
 Actual:
 394 ft.**

CA FID UST:
 Facility ID: 19024411
 Regulated By: UTNKA
 Regulated ID: 00047478
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2134855846
 Mail To: Not reported
 Mailing Address: 200 N MAIN STREET-ROOM
 Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOS ANGELES FIRE STATION 50 (Continued)

S101585504

Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

G57
WSW
< 1/8
0.114 mi.
604 ft.

LAFD - FIRE STATION 50
3036 N FLETCHER DR
LOS ANGELES, CA 90065
Site 4 of 10 in cluster G

CA UST **U004305761**
N/A

Relative:
Lower
Actual:
394 ft.

LOS ANGELES UST:
Name: LAFD - FIRE STATION 50
Address: 3036 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0003896
Last Run Date: 04/19/2021
Status: INACTIVE

G58
WSW
< 1/8
0.114 mi.
604 ft.

FIRE STATION 50
3036 FLETCHER DR
LOS ANGELES, CA 90065
Site 5 of 10 in cluster G

CA HIST UST **U001562453**
N/A

Relative:
Lower
Actual:
394 ft.

HIST UST:
Name: FIRE STATION 50
Address: 3036 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
File Number: 0002713F
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002713F.pdf>
Region: STATE
Facility ID: 00000047478
Facility Type: Other
Other Type: FIRE STATION
Contact Name: Not reported
Telephone: 2134856250
Owner Name: CITY OF LOS ANGELES
Owner Address: 200 N. MAIN ST
Owner City,St,Zip: LOS ANGELES, CA 90012
Total Tanks: 0001

Tank Num: 001
Container Num: F550-1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE STATION 50 (Continued)

U001562453

[Click here for Geo Tracker PDF:](#)

G59
WSW
< 1/8
0.114 mi.
604 ft.

LOS ANGELES FIRE STATION 50
3036 FLETCHER DR
LOS ANGELES, CA 90065

CA UST
CA SWEEPS UST

U003781423
N/A

Site 6 of 10 in cluster G

Relative:
Lower
Actual:
394 ft.

UST:
Name: LOS ANGELES FIRE STATION 50
Address: 3036 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 25127
Permitting Agency: LOS ANGELES, CITY OF
CERSID: Not reported
Latitude: 34.11536
Longitude: -118.24512

SWEEPS UST:

Name: LOS ANGELES FIRE STATION 50
Address: 3036 FLETCHER DR
City: LOS ANGELES
Status: Active
Comp Number: 2646
Number: 4
Board Of Equalization: 44-012042
Referral Date: 02-12-93
Action Date: 04-04-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002646-000001
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

G60
WSW
< 1/8
0.114 mi.
604 ft.

FIRE STATION #50
2327 SAYBROOK AVE
LOS ANGELES, CA 90040

CA CERS HAZ WASTE
CA HIST UST
CA HAZMAT
CA WIP
CA CERS

U001561612
N/A

Site 7 of 10 in cluster G

Relative:
Lower
Actual:
394 ft.

CERS HAZ WASTE:
Name: LAFD - FIRE STATION 50
Address: 3036 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 354781
CERS ID: 10242127
CERS Description: Hazardous Waste Generator

HIST UST:

Name: FIRE STATION #50

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE STATION #50 (Continued)

U001561612

Address: 2327 SAYBROOK AVE
City,State,Zip: LOS ANGELES, CA 90040
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020810
Facility Type: Other
Other Type: FIRE ST.
Contact Name: L.A. COUNTY MECHANICAL DEPT.
Telephone: 2132672242
Owner Name: LOS ANGELES COUNTY MECHANICAL
Owner Address: 1100 NORTH EASTERN AVENUE
Owner City,St,Zip: LOS ANGELES, CA 90063
Total Tanks: 0001

Tank Num: 001
Container Num: #1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

LOS ANGELES HM:

Name: LAFD - FIRE STATION 50
Address: 3036 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0003896
Last Run Date: 04/19/2021
Status: ACTIVE

WIP:

Name: FIRE STATION #50
Address: 3036 N Fletcher Dr
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0315
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: LAFD - FIRE STATION 50
Address: 3036 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 354781
CERS ID: 10242127
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 354781
Site Name: LAFD - FIRE STATION 50
Violation Date: 01-20-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE STATION #50 (Continued)

U001561612

Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 12/19/2017. OBSERVATION: A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Immediately obtain an EPA ID number through DTSC to manage hazardous waste and submit evidence to the CUPA]. Note: Compliance noted via email from Capt. Mike Telles sent to Jojo Comandante, 12-19-2017, with attachment of manifests for specific fire stations. EPA ID nos. on the manifests verified to be active via the HW Tracking System.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 354781
Site Name: LAFD - FIRE STATION 50
Violation Date: 01-20-2016
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 12/19/2017. OBSERVATION: The Owner/Operator failed to retain paperwork documenting disposal of used oil for 3 years. CORRECTIVE ACTION: The Owner/Operator shall maintain copies documenting disposal of used oil for a minimum of 3 years. Manifest not available at site. Note: Compliance noted via email from Capt. Mike Telles sent to Jojo Comandante, 12-19-2017, with attachment of manifests for specific fire stations. EPA ID nos. on the manifests verified to be active via the HW Tracking System.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-02-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Dale LeCesne, Captain.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: "Consent to enter, inspect and take photographs was given by: TONY ARANADO The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number

FIRE STATION #50 (Continued)

U001561612

Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into CERS is required between January 1 and March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission within 30 days of that change. As a reminder, you must complete all [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Gastelum
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTION CONDUCTEDND ALLOWED AT LAFD FACILITY BY INSPECTOR TREJO
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Document Preparer
Entity Name: Jonathan Wong/Brett L. Poole
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jonathan Wong/Brett L. Poole
Entity Title: FIREFIGHTER/Consultant
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FIRE STATION #50 (Continued)

U001561612

Affiliation Type Desc:	Legal Owner
Entity Name:	CITY OF LA-LAFD
Entity Title:	Not reported
Affiliation Address:	200 N MAIN ST 16TH FL
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 485-6250,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	CITY OF LA GENERAL SERVICES
Entity Title:	Not reported
Affiliation Address:	111 E 1ST STREET
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90012
Affiliation Phone:	(213) 928-9555,
Affiliation Type Desc:	Environmental Contact
Entity Name:	CAPTAIN
Entity Title:	Not reported
Affiliation Address:	3036 N FLETCHER DR
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90065
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3036 N FLETCHER DR
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90065
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	LAFD - FIRE STATION 50
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FIRE STATION #50 (Continued)

U001561612

Affiliation Zip: Not reported
 Affiliation Phone: (213) 485-6250,

G61
WSW
 < 1/8
 0.114 mi.
 604 ft.

LA FIRE STATION 50
3036 FLETCHER DR
LOS ANGELES, CA 90065
Site 8 of 10 in cluster G

RCRA-SQG 1000229449
FINDS CAD981962715
CA HAZNET
CA HWTS

Relative:
Lower

RCRA-SQG:

Actual:
394 ft.

Date Form Received by Agency:	19870309
Handler Name:	LA FIRE STATION 50
Handler Address:	3036 FLETCHER DR
Handler City,State,Zip:	LOS ANGELES, CA 90012
EPA ID:	CAD981962715
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	3036 FLETCHER DR
Contact City,State,Zip:	LOS ANGELES, CA 90012
Contact Telephone:	213-485-7527
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4R
Mailing Address:	200 N MAIN RM EIGHTH HUNDRED C
Mailing City,State,Zip:	LOS ANGELES, CA 90012
Owner Name:	CITY OF LA
Owner Type:	Municipal
Operator Name:	NOT REQUIRED
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

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EDR ID Number
 EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF LA
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19870309
Handler Name: LA FIRE STATION 50
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110002756624

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:

Name: CITY OF LA GENERAL SERVICES
Address: 3036 FLETCHER DR
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900120000
Contact: EMMANUEL AMESI

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Telephone:	2139783798
Mailing Name:	Not reported
Mailing Address:	111 E FIRST ST RM 600
Year:	2019
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.23000
Year:	2019
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03000
Year:	2018
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03000
Year:	2018
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.13000
Year:	2018
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00500
Year:	2018
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00300
Year:	2017
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

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MAP FINDINGS

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EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 0.025
Year:	2017
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Year:	2017
Gepaid:	CAD981962715
TSD EPA ID:	AZD049318009
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0795
Year:	2016
Gepaid:	CAD981962715
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125

[Click this hyperlink](#) while viewing on your computer to access
8 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2017
Gen EPA ID:	CAD981962715
Shipment Date:	20171017
Creation Date:	7/30/2018 18:30:16
Receipt Date:	20171108
Manifest ID:	011164715FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	OKR000031492
Trans 2 Name:	BASIN TRANSPORTATION
TSD EPA ID:	AZD049318009
Trans Name:	CLEAN HARBORS ARIZONA LLC
TSD Alt EPA ID:	Not reported
TSD Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171017
Creation Date:	6/20/2018 18:31:41
Receipt Date:	20171103
Manifest ID:	011164716FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170420
Creation Date:	5/21/2018 18:33:13
Receipt Date:	20170427
Manifest ID:	010341220FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	F001
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170420
Creation Date:	5/12/2018 18:32:16
Receipt Date:	20170426
Manifest ID:	010341219FLE

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EDR ID Number
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LA FIRE STATION 50 (Continued)

1000229449

Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: OKR000023085
Trans 2 Name: BASIN
TSDf EPA ID: AZD049318009
Trans Name: CLEAN HARBORS ARIZONA LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170420
Creation Date: 5/21/2018 18:33:13
Receipt Date: 20170427
Manifest ID: 010341220FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2003
Gen EPA ID: CAD981962715

Shipment Date: 20030527
Creation Date: 7/22/2004 7:52:06
Receipt Date: 20030607
Manifest ID: 22468524
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported

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EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999
Gen EPA ID: CAD981962715

Shipment Date: 19991118
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991118
Manifest ID: 96655507
Trans EPA ID: CAR000009423
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.1042
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CAD981962715

Shipment Date: 19960625
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960702
Manifest ID: 95284931
Trans EPA ID: CAD981455520
Trans Name: Not reported
Trans 2 EPA ID: Not reported

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LA FIRE STATION 50 (Continued)

1000229449

Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 0.1685
Waste Quantity: 0.2
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAD981962715

Shipment Date: 19980817
Creation Date: 11/2/1998 0:00:00
Receipt Date: 19980818
Manifest ID: 96655324
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 4.6354
Waste Quantity: 5.5
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2001
Gen EPA ID: CAD981962715

Shipment Date: 20011001
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011015
Manifest ID: 21187186
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported

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LA FIRE STATION 50 (Continued)

1000229449

Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2002
Gen EPA ID: CAD981962715

Shipment Date: 20020703
Creation Date: 2/7/2003 18:31:14
Receipt Date: 20020705
Manifest ID: 21653884
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 2.5284
Waste Quantity: 3
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020608
Creation Date: 8/5/2002 18:31:21
Receipt Date: 20020618
Manifest ID: 21331885
Trans EPA ID: CAD052606324
Trans Name: Not reported
Trans 2 EPA ID: CAR000049064
Trans 2 Name: Not reported
TSDf EPA ID: CAD009007626
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

LA FIRE STATION 50 (Continued)

1000229449

Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 3.7926
Waste Quantity: 4.5
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CITY OF LA GENERAL SERVICES
Address: 3036 FLETCHER DR
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
EPA ID: CAD981962715
Inactive Date: Not reported
Create Date: 07/03/1987
Last Act Date: 11/13/2020
Mailing Name: Not reported
Mailing Address: 111 E FIRST ST RM 600
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900120000
Owner Name: CITY OF LA DEPT OF GENERAL SVS
Owner Address: 111 E 1ST ST RM 600
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 900123678
Contact Name: EMMANUEL AMESI
Contact Address: 111 E FIRST STREET, ROOM 600
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90012

NAICS:

EPA ID: CAD981962715
Create Date: 2004-10-26 14:19:11.430
NAICS Code: 92119
NAICS Description: Other General Government Support
Issued EPA ID Date: 1987-07-03 00:00:00
Inactive Date: Not reported
Facility Name: CITY OF LA GENERAL SERVICES
Facility Address: 3036 FLETCHER DR
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900650000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

G62
WSW 3061 FLETCHER DR
< 1/8 LOS ANGELES, CA
0.115 mi.
608 ft. Site 9 of 10 in cluster G

CA UST U004301875
N/A

Relative: LOS ANGELES UST:
Lower Name: Not reported
Address: 3061 FLETCHER DR
Actual: City,State,Zip: LOS ANGELES, CA
395 ft. Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

G63 CAPITOL RECORDS INC
WSW 3061 FLETCHER DR
< 1/8 LOS ANGELES, CA 90065
0.115 mi.
608 ft. Site 10 of 10 in cluster G

RCRA-SQG 1000264781
FINDS CAT080013055
ECHO

Relative: RCRA-SQG:
Lower Date Form Received by Agency: 19960901
Actual: Handler Name: CAPITOL RECORDS INC
395 ft. Handler Address: 3061 FLETCHER DR
Handler City,State,Zip: LOS ANGELES, CA 90065
EPA ID: CAT080013055
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 4R
Mailing Address: FLETCHER DR
Mailing City,State,Zip: LOS ANGELES, CA 90065
Owner Name: NOT REQUIRED
Owner Type: Private
Operator Name: NOT REQUIRED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAPITOL RECORDS INC (Continued)

1000264781

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL RECORDS INC (Continued)

1000264781

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	CAPITOL RECORDS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
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Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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FINDS:

Registry ID:	110002946037
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Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000264781
Registry ID:	110002946037
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002946037

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

CAPITOL RECORDS INC (Continued)

1000264781

Name: CAPITOL RECORDS INC
Address: 3061 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065

I64
North
< 1/8
0.116 mi.
610 ft.

LENHART W F
3327 ANDRITA ST
LOS ANGELES, CA
Site 1 of 3 in cluster I

EDR Hist Cleaner

1009187676
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
419 ft.

Year: Name:
1933 LENHART W F

Type:
CLOTHES PRESSERS AND CLEANERS

F65
NNE
< 1/8
0.122 mi.
646 ft.

3441 FLETCHER DR
LOS ANGELES, CA
Site 3 of 4 in cluster F

CA UST

U004302162
N/A

Relative:
Higher

LOS ANGELES UST:

Actual:
428 ft.

Name: Not reported
Address: 3441 FLETCHER DR
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

F66
NNE
< 1/8
0.122 mi.
646 ft.

LUNDY HEAROLD
3441 FLETCHER DR
LOS ANGELES, CA
Site 4 of 4 in cluster F

EDR Hist Auto

1009081717
N/A

Relative:
Higher

EDR Hist Auto

Actual:
428 ft.

Year: Name:
1937 LUNDY HEAROLD
1942 LUNDY HAROLD
1969 ULRICH BRIAN JAMES
1969 ULRICH BRIAN JAMES
1970 ULRICH BRIAN JAMES

Type:
GASOLINE AND OIL SERVICE STATIONS
GASOLINE AND OIL SERVICE STATIONS
Gasoline Service Stations
Gasoline Service Stations
Gasoline Service Stations

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

H67 West < 1/8 0.122 mi. 646 ft.	3046 ANDRITA ST LOS ANGELES, CA Site 3 of 8 in cluster H Relative: LOS ANGELES UST: Lower Name: Not reported Address: 3046 ANDRITA ST City,State,Zip: LOS ANGELES, CA Facility ID: Not reported Last Run Date: 01/01/1900 Status: HISTORICAL	CA UST U004301855 N/A
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68 SW < 1/8 0.122 mi. 646 ft.	NEXTEL COMMUNICATIONS - SITE #44 3017 N SAN FERNANDO RD LOS ANGELES, CA 90065 Relative: LOS ANGELES HM: Lower Name: NEXTEL COMMUNICATIONS - SITE #44 Address: 3017 N SAN FERNANDO RD City,State,Zip: LOS ANGELES, CA 90065 Facility ID: FA0023057 Last Run Date: 04/19/2021 Status: INACTIVE	CA HAZMAT S123548604 N/A
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169 NNE 1/8-1/4 0.131 mi. 690 ft.	THEODORE & ELLIE POLYCHRONIS 3348 N ANDRITA ST LOS ANGELES, CA 90065 Site 2 of 3 in cluster I Relative: RCRA NonGen / NLR: Higher Date Form Received by Agency: 20200109 Actual: Handler Name: THEODORE & ELLIE POLYCHRONIS 425 ft. Handler Address: 3348 N ANDRITA ST Handler City,State,Zip: LOS ANGELES, CA 90065 EPA ID: CAC003050224 Contact Name: THEODORE & ELLIE POLYCHRONIS Contact Address: PO BOX 5691 Contact City,State,Zip: GLENDALE, CA 91221 Contact Telephone: 818-216-6157 Contact Fax: Not reported Contact Email: ATIOFFICE@YAHOO.COM Contact Title: Not reported EPA Region: 09 Land Type: Not reported Federal Waste Generator Description: Not a generator, verified Non-Notifier: Not reported Biennial Report Cycle: Not reported Accessibility: Not reported Active Site Indicator: Not reported State District Owner: Not reported State District: Not reported Mailing Address: PO BOX 5691 Mailing City,State,Zip: GLENDALE, CA 91221	RCRA NonGen / NLR 1026043965 CAC003050224
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Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THEODORE & ELLIE POLYCHRONIS (Continued)

1026043965

Owner Name:	THEODORE & ELLIE POLYCHRONIS
Owner Type:	Other
Operator Name:	THEODORE & ELLIE POLYCHRONIS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THEODORE & ELLIE POLYCHRONIS (Continued)

1026043965

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: THEODORE & ELLIE POLYCHRONIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 5691
Owner/Operator City,State,Zip: GLENDALE, CA 91221
Owner/Operator Telephone: 818-216-6157
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THEODORE & ELLIE POLYCHRONIS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 5691
Owner/Operator City,State,Zip: GLENDALE, CA 91221
Owner/Operator Telephone: 818-216-6157
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20200109
Handler Name: THEODORE & ELLIE POLYCHRONIS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

I70 NNE 1/8-1/4 0.131 mi. 690 ft.	THEODORE & ELLIE POLY CHRONIS 3348 ANDRITA ST LOS ANGELES, CA 90065	RCRA NonGen / NLR	1026161471 CAC003061452
Relative: Higher Site 3 of 3 in cluster I Actual: 425 ft. RCRA NonGen / NLR:			
	Date Form Received by Agency:	20200326	
	Handler Name:	THEODORE & ELLIE POLY CHRONIS	
	Handler Address:	3348 ANDRITA ST	
	Handler City,State,Zip:	LOS ANGELES, CA 90065-2908	
	EPA ID:	CAC003061452	
	Contact Name:	ALTERNATIVE TECHNOLOGIES INC.	
	Contact Address:	19441 BUSINESS CENTER DR.	
	Contact City,State,Zip:	NORTHRIDGE, CA 91324	
	Contact Telephone:	818-700-8002	
	Contact Fax:	Not reported	
	Contact Email:	ATIOFFICE@YAHOO.COM	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Not reported	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	P.O. BOX 5691	
	Mailing City,State,Zip:	GLENDALE, CA 91221	
	Owner Name:	THEODORE & ELLIE POLY CHRONIS	
	Owner Type:	Other	
	Operator Name:	ALTERNATIVE TECHNOLOGIES INC.	
	Operator Type:	Other	
	Short-Term Generator Activity:	No	
	Importer Activity:	No	
	Mixed Waste Generator:	No	
	Transporter Activity:	No	
	Transfer Facility Activity:	No	
	Recycler Activity with Storage:	No	
	Small Quantity On-Site Burner Exemption:	No	
	Smelting Melting and Refining Furnace Exemption:	No	
	Underground Injection Control:	No	
	Off-Site Waste Receipt:	No	
	Universal Waste Indicator:	No	
	Universal Waste Destination Facility:	No	
	Federal Universal Waste:	No	
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site Converter Treatment storage and Disposal Facility:	Not reported	
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
	Active Site State-Reg Handler:	---	
	Federal Facility Indicator:	Not reported	
	Hazardous Secondary Material Indicator:	N	
	Sub-Part K Indicator:	Not reported	
	Commercial TSD Indicator:	No	
	Treatment Storage and Disposal Type:	Not reported	
	2018 GPRA Permit Baseline:	Not on the Baseline	
	2018 GPRA Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

THEODORE & ELLIE POLY CHRONIS (Continued)

1026161471

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200408
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THEODORE & ELLIE POLY CHRONIS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 5691
Owner/Operator City,State,Zip:	GLENDALE, CA 91221
Owner/Operator Telephone:	818-216-6157
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALTERNATIVE TECHNOLOGIES INC.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19441 BUSINESS CENTER DR.
Owner/Operator City,State,Zip:	NORTHRIDGE, CA 91324
Owner/Operator Telephone:	818-700-8002
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THEODORE & ELLIE POLY CHRONIS (Continued)

1026161471

Historic Generators:

Receive Date: 20200326
Handler Name: THEODORE & ELLIE POLY CHRONIS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

H71
West
1/8-1/4
0.146 mi.
771 ft.

DISNEY WORLDWIDE SERVICES
3030 ANDRITA ST
LOS ANGELES, CA 90065

RCRA NonGen / NLR

1026041292
CAC003047420

Site 4 of 8 in cluster H

Relative:

RCRA NonGen / NLR:

Lower

Date Form Received by Agency: 20191217
Handler Name: DISNEY WORLDWIDE SERVICES
Handler Address: 3030 ANDRITA ST
Handler City,State,Zip: LOS ANGELES, CA 90065
EPA ID: CAC003047420
Contact Name: CHRISTINE LANSEN
Contact Address: 500 S BUENA VISTA ST
Contact City,State,Zip: BURBANK, CA 91521-0001
Contact Telephone: 818-560-6785
Contact Fax: Not reported
Contact Email: CHRIS.LANSEN@DISNEY.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 500 S BUENA VISTA ST
Mailing City,State,Zip: BURBANK, CA 91521-0001
Owner Name: THE WALT DISNEY COMPANY

Actual:
397 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DISNEY WORLDWIDE SERVICES (Continued)

1026041292

Owner Type:	Other
Operator Name:	CHRISTINE LANSEN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DISNEY WORLDWIDE SERVICES (Continued)

1026041292

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: THE WALT DISNEY COMPANY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 500 S BUENA VISTA ST
Owner/Operator City,State,Zip: BURBANK, CA 91521-0001
Owner/Operator Telephone: 818-560-6785
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHRISTINE LANSEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 500 S BUENA VISTA ST
Owner/Operator City,State,Zip: BURBANK, CA 91521-0001
Owner/Operator Telephone: 818-560-6785
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191217
Handler Name: DISNEY WORLDWIDE SERVICES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H72 **DISNEY WORLDWIDE SERVICE**
West **3030 ANDRITA ST.**
1/8-1/4 **LOS ANGELES, CA 90065**
0.146 mi.
771 ft.

RCRA NonGen / NLR **1026811534**
CAC003124002

Relative:
Lower
Actual:
397 ft.

Site 5 of 8 in cluster H
 RCRA NonGen / NLR:
 Date Form Received by Agency: 20210610
 Handler Name: DISNEY WORLDWIDE SERVICE
 Handler Address: 3030 ANDRITA ST.
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAC003124002
 Contact Name: CHRISTINE LANSEN
 Contact Address: 500 SO. BUENA VISTA STREET
 Contact City,State,Zip: BURBANK, CA 91521
 Contact Telephone: 818-560-6785
 Contact Fax: Not reported
 Contact Email: CHRIS.LANSEN@DISNEY.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 500 SO. BUENA VISTA STREET
 Mailing City,State,Zip: BURBANK, CA 91521
 Owner Name: THE WALT DISNEY COMPANY
 Owner Type: Other
 Operator Name: CHRISTINE LANSEN
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DISNEY WORLDWIDE SERVICE (Continued)

1026811534

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210618
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRISTINE LANSEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SO. BUENA VISTA STREET
Owner/Operator City,State,Zip:	BURBANK, CA 91521
Owner/Operator Telephone:	818-560-6785
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE WALT DISNEY COMPANY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SO. BUENA VISTA STREET
Owner/Operator City,State,Zip:	BURBANK, CA 91521
Owner/Operator Telephone:	818-560-6785
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DISNEY WORLDWIDE SERVICE (Continued)

1026811534

Historic Generators:

Receive Date:	20210610
Handler Name:	DISNEY WORLDWIDE SERVICE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	512110
NAICS Description:	MOTION PICTURE AND VIDEO PRODUCTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found
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Evaluation Action Summary:

Evaluations:	No Evaluations Found
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H73
West
1/8-1/4
0.146 mi.
771 ft.

AQUALITY INC
3030 N ANDRITA ST
LOS ANGELES, CA 90065
Site 6 of 8 in cluster H

CA HAZMAT **S123547644**
N/A

Relative:
Lower
Actual:
397 ft.

LOS ANGELES HM:	
Name:	AQUALITY INC
Address:	3030 N ANDRITA ST
City,State,Zip:	LOS ANGELES, CA 90065
Facility ID:	FA0019885
Last Run Date:	04/19/2021
Status:	INACTIVE

H74
West
1/8-1/4
0.146 mi.
771 ft.

FORMER AQUALITY, INC.
3030 ANDRITA STREET
LOS ANGELES, CA 90065
Site 7 of 8 in cluster H

CA CPS-SLIC **S112922466**
CA HAZNET **N/A**
CA CERS
CA HWTS

Relative:
Lower
Actual:
397 ft.

CPS-SLIC:	
Name:	FORMER AQUALITY, INC.
Address:	3030 ANDRITA STREET
City,State,Zip:	LOS ANGELES, CA 90065
Region:	STATE
Facility Status:	Open - Site Assessment
Status Date:	12/19/2019
Global Id:	T10000011883
Lead Agency:	LOS ANGELES RWQCB (REGION 4)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER AQUALITY, INC. (Continued)

S112922466

Lead Agency Case Number: Not reported
Latitude: 34.11606
Longitude: -118.24517
Case Type: Cleanup Program Site
Case Worker: NM
Local Agency: Not reported
RB Case Number: 1406
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), 1,4-Dioxane, Tetrachloroethylene (PCE), Trichloroethylene (TCE)
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HAZNET:

Name: KINGSTON ANDRITA LLC
Address: 3030 ANDRITA ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
Contact: PIERO LONGHI
Telephone: 3232595032
Mailing Name: Not reported
Mailing Address: 3030 ANDRITA ST

Year: 2002
Gepaid: CAC002552559
TSD EPA ID: AZR000005454
CA Waste Code: 261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method: R01 - Recycler
Tons: 0.79895

Year: 2002
Gepaid: CAC002552559
TSD EPA ID: CAD028409019
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H01 - Transfer Station
Tons: 0.125

Additional Info:

Year: 2002
Gen EPA ID: CAC002552559

Shipment Date: 20020906
Creation Date: 1/28/2003 18:32:43
Receipt Date: 20020920
Manifest ID: 20158248
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: CAR000109656
Trans 2 Name: Not reported
TSD EPA ID: AZR000005454
Trans Name: Not reported
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER AQUALITY, INC. (Continued)

S112922466

Waste Code Description: 261 - Not reported
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.79895
Waste Quantity: 725
Quantity Unit: K
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020906
Creation Date: 1/27/2003 18:33:26
Receipt Date: 20020913
Manifest ID: 20158247
Trans EPA ID: CAR000017657
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 0.125
Waste Quantity: 250
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: FORMER AQUALITY, INC.
Address: 3030 ANDRITA STREET
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 442117
CERS ID: T10000011883
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROBERT RENY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 west 4th St. Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766600,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER AQUALITY, INC. (Continued)

S112922466

HWTS:

Name: KINGSTON ANDRITA LLC
 Address: 3030 ANDRITA ST
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900650000
 EPA ID: CAC002552559
 Inactive Date: 03/18/2003
 Create Date: 05/31/2002
 Last Act Date: 05/31/2002
 Mailing Name: Not reported
 Mailing Address: 3030 ANDRITA ST
 Mailing Address 2: Not reported
 Mailing City,State,Zip: LOS ANGELES, CA 900650000
 Owner Name: KINGSTON ANDRITA LLC
 Owner Address: 3030 ANDRITA ST
 Owner Address 2: Not reported
 Owner City,State,Zip: LOS ANGELES, CA 900650000
 Contact Name: PIERO LONGHI
 Contact Address: 3030 ANDRITA ST
 Contact Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900650000

H75
West
1/8-1/4
0.146 mi.
771 ft.

AQUALITY INC
3030 N ANDRITA ST
LOS ANGELES, CA 90065

CA UST **U004306592**
N/A

Site 8 of 8 in cluster H

Relative:
Lower

LOS ANGELES UST:

Actual:
397 ft.

Name: AQUALITY INC
 Address: 3030 N ANDRITA ST
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0019885
 Last Run Date: 04/19/2021
 Status: INACTIVE

J76
West
1/8-1/4
0.153 mi.
807 ft.

AT&T CALIFORNIA - G1601
3035 ANDRITA ST
LOS ANGELES, CA 90065

CA CERS HAZ WASTE **S113002963**
CA HAZNET **N/A**
CA HAZMAT
CA CERS
CA HWTS

Site 1 of 3 in cluster J

Relative:
Lower

CERS HAZ WASTE:

Actual:
398 ft.

Name: AT&T CALIFORNIA - G1601
 Address: 3035 ANDRITA ST
 City,State,Zip: LOS ANGELES, CA 90065
 Site ID: 385703
 CERS ID: 10207648
 CERS Description: Hazardous Waste Generator

HAZNET:

Name: PACIFIC BELL TELEPHONE CO DBA AT&T CALIF
 Address: 3035 ANDRITA ST
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 752020000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Contact:	DERONICA LAMB
Telephone:	2147410464
Mailing Name:	Not reported
Mailing Address:	308 S. AKARD ST. 17TH FLOOR
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	AZR000521146
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.18750
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00000
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01750
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAD008302903
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.12750
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAT080013352
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.06255
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	AZR000521146
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.10000
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05000
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.29400
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAD008302903
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.08100
Year:	2019
Gepaid:	CAD980881874
TSD EPA ID:	CAT080014079
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00500

[Click this hyperlink](#) while viewing on your computer to access 141 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2017
Gen EPA ID:	CAD980881874
Shipment Date:	20171221
Creation Date:	8/3/2018 18:30:33
Receipt Date:	20171221
Manifest ID:	017740329JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSD EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSD Alt EPA ID:	Not reported
TSD Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171219
Creation Date:	8/3/2018 18:30:42
Receipt Date:	20171220
Manifest ID:	017739450JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.76
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171204
Creation Date:	6/13/2018 18:30:39
Receipt Date:	20171208
Manifest ID:	001355514VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171204
Creation Date:	7/19/2018 18:30:21
Receipt Date:	20171212
Manifest ID:	001355515VES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.001
Waste Quantity: 2
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171204
Creation Date: 7/19/2018 18:30:21
Receipt Date: 20171212
Manifest ID: 001355515VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.001
Waste Quantity: 2
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171204
Creation Date: 6/13/2018 18:30:39
Receipt Date: 20171208
Manifest ID: 001355514VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171203
Creation Date:	6/28/2018 18:30:22
Receipt Date:	20171215
Manifest ID:	001363265VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171203
Creation Date:	6/28/2018 18:30:22
Receipt Date:	20171215
Manifest ID:	001363265VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171127
Creation Date:	8/2/2018 18:30:23
Receipt Date:	20171206
Manifest ID:	017731885JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDf EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171127
Creation Date:	8/2/2018 18:30:23
Receipt Date:	20171206
Manifest ID:	017731885JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDf EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Info:

Year:	2006
Gen EPA ID:	CAD980881874
Shipment Date:	20061229
Creation Date:	4/19/2007 18:31:54
Receipt Date:	20061230
Manifest ID:	001670987JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0126
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061009
Creation Date:	4/19/2007 18:30:43
Receipt Date:	20061010
Manifest ID:	000422291JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061009
Creation Date:	4/19/2007 18:31:07
Receipt Date:	20061010

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Manifest ID: 000422292JJK
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.0084
Waste Quantity: 2
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20061009
Creation Date: 4/19/2007 18:31:14
Receipt Date: 20061010
Manifest ID: 000422290JJK
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported
Shipment Date: 20060705
Creation Date: 9/28/2006 18:30:24
Receipt Date: 20060710
Manifest ID: 24870726
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON

Map ID
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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060705
Creation Date: 9/28/2006 18:30:24
Receipt Date: 20060710
Manifest ID: 24870719
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.513
Waste Quantity: 135
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20060405
Creation Date: 7/27/2006 18:39:10
Receipt Date: 20060410
Manifest ID: 24870135
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.06255
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060405
Creation Date:	7/27/2006 18:39:10
Receipt Date:	20060408
Manifest ID:	24869940
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.266
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060120
Creation Date:	5/5/2006 18:31:40
Receipt Date:	20060123
Manifest ID:	22998917
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.89
Waste Quantity:	1550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060106
Creation Date:	6/22/2006 18:32:46
Receipt Date:	20060110
Manifest ID:	24817061

Map ID
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EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.57
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2007
Gen EPA ID: CAD980881874

Shipment Date: 20071029
Creation Date: 1/25/2008 18:30:59
Receipt Date: 20071102
Manifest ID: 002461965JJK
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.084
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071029
Creation Date: 1/25/2008 18:30:59
Receipt Date: 20071102
Manifest ID: 002461965JJK
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

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EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.475
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070813
Creation Date:	11/6/2007 18:30:06
Receipt Date:	20070816
Manifest ID:	002461578JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070813
Creation Date:	11/6/2007 18:30:15
Receipt Date:	20070818
Manifest ID:	001669200JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070813
Creation Date:	11/6/2007 18:30:15
Receipt Date:	20070818
Manifest ID:	001669200JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.456
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070525
Creation Date:	10/18/2007 18:30:31
Receipt Date:	20070531
Manifest ID:	001672476JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.475
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070525
Creation Date:	10/18/2007 18:30:31
Receipt Date:	20070531
Manifest ID:	001672477JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0504
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070313
Creation Date:	8/23/2007 18:30:40
Receipt Date:	20070316
Manifest ID:	001669199JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070313
Creation Date:	9/20/2007 18:30:30
Receipt Date:	20070314
Manifest ID:	001669292JJK

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EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1995
Gen EPA ID: CAD980881874

Shipment Date: 19950328
Creation Date: 10/23/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 95288802
Trans EPA ID: CAL000027724
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.228
Waste Quantity: 60
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2001
Gen EPA ID: CAD980881874

Shipment Date: 20011112
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011114

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EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Manifest ID: 21120625
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20011005
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011005
Manifest ID: 21119533
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.18
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010814
Creation Date: 11/1/2001 0:00:00
Receipt Date: 20010818
Manifest ID: 21120096
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010814
Creation Date: 11/1/2001 0:00:00
Receipt Date: 20010827
Manifest ID: 21120302
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: Not reported
TSDf Alt EPA ID: CAD008252405
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1876
Waste Quantity: 45
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010529
Creation Date: 8/29/2001 0:00:00
Receipt Date: 20010531
Manifest ID: 20395488
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010529
Creation Date: 8/29/2001 0:00:00
Receipt Date: 20010531
Manifest ID: 20395489
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.475
Waste Quantity: 125
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20010301
Creation Date: 5/16/2001 0:00:00
Receipt Date: 20010303
Manifest ID: 20396304
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAD980881874

Shipment Date: 20031114
Creation Date: 8/30/2004 14:52:16

Map ID
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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Receipt Date: 20031118
Manifest ID: 22850756
Trans EPA ID: CAL922125668
Trans Name: ADAMS SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO/KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.4595
Waste Quantity: 350
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031112
Creation Date: 8/24/2004 10:00:04
Receipt Date: 20031117
Manifest ID: 21079594
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: PRR
TSDf Alt EPA ID: CAD008252405
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.1668
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20031110
Creation Date: 8/24/2004 10:00:04
Receipt Date: 20031114
Manifest ID: 21883892
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.342
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030825
Creation Date:	7/13/2004 10:48:19
Receipt Date:	20030829
Manifest ID:	21889723
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.665
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030605
Creation Date:	7/20/2004 10:01:52
Receipt Date:	20030606
Manifest ID:	20395490
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD982444481
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030605
Creation Date:	7/22/2004 7:52:06
Receipt Date:	20030606
Manifest ID:	21079435
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.494
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030320
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030322
Manifest ID:	21892815
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.475
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030320
Creation Date:	7/12/2003 18:31:23
Receipt Date:	20030323
Manifest ID:	21892814
Trans EPA ID:	CAD072953771

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.0126
Waste Quantity: 3
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20030203
Creation Date: 5/19/2003 18:31:05
Receipt Date: 20030203
Manifest ID: 21892934
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 7.6
Waste Quantity: 2000
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2004
Gen EPA ID: CAD980881874

Shipment Date: 20041007
Creation Date: 9/27/2005 15:04:38
Receipt Date: 20041011
Manifest ID: 23001924
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.475
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040830
Creation Date:	9/27/2005 15:06:13
Receipt Date:	20040908
Manifest ID:	23479487
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.285
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040715
Creation Date:	9/27/2005 15:05:43
Receipt Date:	20040716
Manifest ID:	23002307
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040423
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040428
Manifest ID:	23000214
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE
TSDf Alt EPA ID:	CAD008252405
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040423
Creation Date:	9/27/2005 14:58:40
Receipt Date:	20040428
Manifest ID:	23000542
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.247
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040423
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040426
Manifest ID:	23000030

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING
TSDf Alt EPA ID: CAD982444481
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.02
Waste Quantity: 40
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040130
Creation Date: 8/20/2004 9:49:45
Receipt Date: 20040130
Manifest ID: 21884212
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.494
Waste Quantity: 130
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040130
Creation Date: 8/20/2004 9:49:45
Receipt Date: 20040130
Manifest ID: 21884213
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040128
Creation Date: 8/20/2004 9:49:45
Receipt Date: 20040129
Manifest ID: 23000106
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 6.84
Waste Quantity: 1800
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAD980881874

Shipment Date: 20131209
Creation Date: 2/24/2014 22:15:29
Receipt Date: 20131209
Manifest ID: 010601726JJK
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEM'S INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.042
Waste Quantity: 10

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131209
Creation Date:	2/16/2014 22:15:06
Receipt Date:	20131209
Manifest ID:	010601752JJK
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY KLEEN SYSTEM'S
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131001
Creation Date:	11/27/2013 22:15:07
Receipt Date:	20131001
Manifest ID:	011732468JJK
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SVCS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	4.25757
Waste Quantity:	1021
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Shipment Date:	20130815
Creation Date:	10/18/2013 22:15:07
Receipt Date:	20130816
Manifest ID:	011728035JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SVCS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.11259
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130723
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130723
Manifest ID:	010600657JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.76
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130530
Creation Date:	7/25/2013 22:15:10
Receipt Date:	20130530
Manifest ID:	010602384JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

Map ID
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130521
Creation Date:	7/25/2013 22:15:10
Receipt Date:	20130521
Manifest ID:	010595293JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130322
Creation Date:	5/5/2013 22:15:17
Receipt Date:	20130322
Manifest ID:	010594127JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.76
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130314
Creation Date: 5/5/2013 22:15:17
Receipt Date: 20130315
Manifest ID: 010602409JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SVCS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 4.25757
Waste Quantity: 1021
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130207
Creation Date: 4/12/2013 22:15:31
Receipt Date: 20130208
Manifest ID: 010599180JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SVCS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0834
Waste Quantity: 20
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1998
Gen EPA ID: CAD980881874

Shipment Date: 19980925
Creation Date: 11/24/2004 9:51:12
Receipt Date: 19980925
Manifest ID: 98037109
Trans EPA ID: CAT080032753
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.6255
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980619
Creation Date: 9/3/1998 0:00:00
Receipt Date: 19980626
Manifest ID: 96740829
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Info:

Year: 2002
Gen EPA ID: CAD980881874

Shipment Date: 20021230
Creation Date: 5/6/2003 18:31:20
Receipt Date: 20030103
Manifest ID: 21892549
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.456
Waste Quantity: 120
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021230
Creation Date: 5/6/2003 18:31:20
Receipt Date: 20030103
Manifest ID: 21892548
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.021
Waste Quantity: 5
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20021009
Creation Date: 2/7/2003 18:31:45
Receipt Date: 20021014
Manifest ID: 21892298
Trans EPA ID: CAD072953771

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021009
Creation Date:	2/7/2003 18:31:45
Receipt Date:	20021014
Manifest ID:	21892299
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020725
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020727
Manifest ID:	21888916
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Meth Code:	R01 - Recycler
Quantity Tons:	0.304
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020725
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020727
Manifest ID:	21888918
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020502
Creation Date:	7/29/2002 18:43:18
Receipt Date:	20020504
Manifest ID:	21121014
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Shipment Date:	20020502
Creation Date:	7/29/2002 18:43:18
Receipt Date:	20020504
Manifest ID:	21079771
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.494
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020403
Creation Date:	5/30/2008 18:30:22
Receipt Date:	20080404
Manifest ID:	002468154JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020403
Creation Date:	5/30/2008 18:30:22
Receipt Date:	20080404
Manifest ID:	002468154JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDF EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.038
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2016
Gen EPA ID: CAD980881874

Shipment Date: 20151222
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20151228
Manifest ID: 001087083VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: D035
Additional Code 3: D002
Additional Code 4: D001
Additional Code 5: Not reported

Shipment Date: 20151222
Creation Date: 5/24/2016 16:38:02
Receipt Date: 20160105
Manifest ID: 001087082VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080014079
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported

Map ID
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MAP FINDINGS

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EDR ID Number
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AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151222
Creation Date:	2/9/2016 22:16:04
Receipt Date:	20151228
Manifest ID:	001087083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151222
Creation Date:	2/9/2016 22:16:04
Receipt Date:	20151228
Manifest ID:	001087083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151214
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20151214
Manifest ID:	015152616JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.18765
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151120
Creation Date:	2/8/2016 22:17:20
Receipt Date:	20151121
Manifest ID:	015163601JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
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MAP FINDINGS

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Shipment Date:	20150915
Creation Date:	11/6/2015 22:15:17
Receipt Date:	20150918
Manifest ID:	014623831JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150805
Creation Date:	10/1/2015 22:15:28
Receipt Date:	20150806
Manifest ID:	001033950VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150805
Creation Date:	10/1/2015 22:15:28
Receipt Date:	20150806
Manifest ID:	001033950VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 10/1/2015 22:15:28
Receipt Date: 20150806
Manifest ID: 001033950VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAD980881874

Shipment Date: 20121203
Creation Date: 1/21/2013 22:15:09
Receipt Date: 20121203
Manifest ID: 010020931JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SVCS

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121128
Creation Date:	1/13/2013 22:15:14
Receipt Date:	20121128
Manifest ID:	010596159JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121113
Creation Date:	2/15/2013 22:15:28
Receipt Date:	20121114
Manifest ID:	010595926JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SVCS
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12093

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Waste Quantity: 29
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120918
Creation Date: 11/6/2012 22:15:10
Receipt Date: 20120918
Manifest ID: 010028180JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.76
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120501
Creation Date: 6/12/2012 20:30:16
Receipt Date: 20120501
Manifest ID: 009484162JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SVCS
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Map ID
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EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Shipment Date: 20120314
Creation Date: 4/20/2012 20:30:44
Receipt Date: 20120315
Manifest ID: 008384435JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 4.25757
Waste Quantity: 1021
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2005
Gen EPA ID: CAD980881874

Shipment Date: 20050927
Creation Date: 8/23/2006 18:35:03
Receipt Date: 20050928
Manifest ID: 63000631
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.266
Waste Quantity: 70
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050701
Creation Date: 10/11/2005 18:31:29
Receipt Date: 20050706
Manifest ID: 22154631

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.0336
Waste Quantity: 8
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050701
Creation Date: 10/11/2005 18:31:29
Receipt Date: 20050706
Manifest ID: 22154630
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.722
Waste Quantity: 190
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050411
Creation Date: 7/20/2005 18:30:55
Receipt Date: 20050415
Manifest ID: 23000216
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE
TSDf Alt EPA ID: CAT080033681
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.03336
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050411
Creation Date:	7/21/2005 18:32:26
Receipt Date:	20050412
Manifest ID:	22153284
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050411
Creation Date:	7/21/2005 18:32:26
Receipt Date:	20050412
Manifest ID:	22153232
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.247
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 5:	Not reported
Shipment Date:	20050203
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050203
Manifest ID:	22996863
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	- Not reported
Quantity Tons:	6.84
Waste Quantity:	1800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050114
Creation Date:	4/20/2006 18:32:04
Receipt Date:	20050119
Manifest ID:	22998742
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	NONE
Meth Code:	- Not reported
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050114
Creation Date:	4/20/2006 18:32:04
Receipt Date:	20050119
Manifest ID:	22998741
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: NONE
Meth Code: - Not reported
Quantity Tons: 0.57
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAD980881874

Shipment Date: 19931124
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931124
Manifest ID: 93128970
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000613935
Trans Name: Not reported
TSDf Alt EPA ID: CAT000613935
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0959
Waste Quantity: 23
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931105
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931105
Manifest ID: 92318034
Trans EPA ID: CAL000027724
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: Not reported
TSDf Alt EPA ID: CAD981696420
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.798
Waste Quantity:	210
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930902
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19930907
Manifest ID:	93003880
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613976
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0
Waste Quantity:	6
Quantity Unit:	*
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930902
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19930907
Manifest ID:	93003880
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613976
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930610
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930610
Manifest ID:	92571322
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT000613935
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1084
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930319
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930319
Manifest ID:	92536501
Trans EPA ID:	ILD051060408
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	24
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930111
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930111
Manifest ID:	92317236
Trans EPA ID:	CAL000027724
Trans Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2008
Gen EPA ID: CAD980881874

Shipment Date: 20081211
Creation Date: 2/20/2009 18:30:20
Receipt Date: 20081212
Manifest ID: 004961016JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0125
Waste Quantity: 25
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080918
Creation Date: 11/3/2008 18:30:32
Receipt Date: 20080919
Manifest ID: 004419921JJK
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.475
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080624
Creation Date:	8/11/2008 18:30:17
Receipt Date:	20080625
Manifest ID:	002465807JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.475
Waste Quantity:	125
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080624
Creation Date:	8/11/2008 18:30:17
Receipt Date:	20080625
Manifest ID:	002465807JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.095

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080624
Creation Date:	8/11/2008 18:30:30
Receipt Date:	20080625
Manifest ID:	002466367JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080118
Creation Date:	3/26/2008 18:30:12
Receipt Date:	20080121
Manifest ID:	002466461JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Shipment Date:	20080118
Creation Date:	3/26/2008 18:30:12
Receipt Date:	20080121
Manifest ID:	002466461JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.456
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080118
Creation Date:	3/26/2008 18:30:18
Receipt Date:	20080121
Manifest ID:	002461938JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080118
Creation Date:	7/22/2008 18:30:16
Receipt Date:	20080122
Manifest ID:	002462714JJK
Trans EPA ID:	CAD072953771
Trans Name:	UNITED PUMPING SERVICE INC
Trans 2 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 Name: Not reported
TSDf EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0417
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2010
Gen EPA ID: CAD980881874

Shipment Date: 20100514
Creation Date: 8/6/2010 18:31:37
Receipt Date: 20100520
Manifest ID: 002128571FLE
Trans EPA ID: CAT080016116
Trans Name: NIETO AND SONS TRUCKING INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: DEMENNO KERDOON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20100506
Creation Date: 12/16/2010 18:31:14
Receipt Date: 20100517
Manifest ID: 002363650SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA
TSDf Alt EPA ID: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100407
Creation Date:	8/3/2010 18:30:20
Receipt Date:	20100409
Manifest ID:	002128459FLE
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2011
Gen EPA ID:	CAD980881874
Shipment Date:	20110602
Creation Date:	7/27/2011 18:30:14
Receipt Date:	20110603
Manifest ID:	002144440FLE
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid
Regeneration, Organics Recovery Ect
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20110211
Creation Date: 8/25/2011 18:30:27
Receipt Date: 20110221
Manifest ID: 002606997SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT
TSDf EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)

Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1994
Gen EPA ID: CAD980881874

Shipment Date: 19941014
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19941015
Manifest ID: 93577315
Trans EPA ID: CAT080029770
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD981696420
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 10.842
Waste Quantity: 2600

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940509
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940509
Manifest ID:	93507053
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1125
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940215
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940215
Manifest ID:	93199909
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1042
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Gen EPA ID:	CAD980881874
Shipment Date:	20001208
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001209
Manifest ID:	20399583
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.57
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001208
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001209
Manifest ID:	20399582
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001031
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001030
Manifest ID:	20395916
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	7.6
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000922
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20000923
Manifest ID:	99137950
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000922
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20000923
Manifest ID:	99137950
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.76

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000711
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000714
Manifest ID:	99136768
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.684
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000711
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000714
Manifest ID:	99136768
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000412

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000418
Manifest ID:	99374303
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD982444481
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000412
Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000415
Manifest ID:	99374712
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000412
Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000415
Manifest ID:	99374712
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2009
Gen EPA ID: CAD980881874

Shipment Date: 20091216
Creation Date: 3/5/2010 18:31:07
Receipt Date: 20091216
Manifest ID: 003094163FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090715
Creation Date: 8/25/2009 18:30:22
Receipt Date: 20090717
Manifest ID: 004426877JJK
Trans EPA ID: CAD072953771
Trans Name: UNITED PUMPING SERVICE INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 291 - Latex waste
RCRA Code: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090708
Creation Date:	11/25/2009 18:30:24
Receipt Date:	20090720
Manifest ID:	002002818SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDf EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090611
Creation Date:	10/20/2009 18:30:23
Receipt Date:	20090625
Manifest ID:	001776831SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20090508
Creation Date: 8/24/2011 14:56:34
Receipt Date: 20090508
Manifest ID: 002585361FLE
Trans EPA ID: MAD039322250
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 341 - Organic liquids (nonsolvents) with halogens
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1668
Waste Quantity: 40
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999
Gen EPA ID: CAD980881874

Shipment Date: 19991115
Creation Date: 1/19/2000 0:00:00
Receipt Date: 19991115
Manifest ID: 99134117
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 9.5
Waste Quantity: 2500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991025

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991028
Manifest ID: 99138628
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991025
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991028
Manifest ID: 99138628
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: CAT080013352
TSDf Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.38
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990922
Creation Date: 11/19/1999 0:00:00
Receipt Date: 19990924
Manifest ID: 99134670
Trans EPA ID: CAD072953771
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990730
Creation Date:	9/23/1999 0:00:00
Receipt Date:	19990804
Manifest ID:	99138629
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982444481
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD982444481
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990624
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990624
Manifest ID:	96741030
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981696420
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990617
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990617
Manifest ID:	99139114
Trans EPA ID:	CAD072953771
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990512
Creation Date:	6/18/1999 0:00:00
Receipt Date:	Not reported
Manifest ID:	98734542
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD028409019
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.288
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990302
Creation Date:	4/20/1999 0:00:00
Receipt Date:	Not reported
Manifest ID:	98269496

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990205
Creation Date: 5/4/1999 0:00:00
Receipt Date: 19990205
Manifest ID: 95329735
Trans EPA ID: CAD982413262
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982413262
Trans Name: Not reported
TSDf Alt EPA ID: CAD982413262
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.105
Waste Quantity: 25
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2014
Gen EPA ID: CAD980881874

Shipment Date: 20141216
Creation Date: 3/6/2015 22:15:05
Receipt Date: 20141219
Manifest ID: 001034083VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.0325
Waste Quantity: 65
Quantity Unit: P
Additional Code 1: D035
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141216
Creation Date: 3/6/2015 22:15:05
Receipt Date: 20141219
Manifest ID: 001034083VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0275
Waste Quantity: 55
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20141216
Creation Date: 3/6/2015 22:15:05
Receipt Date: 20141219
Manifest ID: 001034083VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.035

Map ID
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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141113
Creation Date:	2/7/2015 22:15:11
Receipt Date:	20141113
Manifest ID:	004515731SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141113
Creation Date:	2/7/2015 22:15:11
Receipt Date:	20141113
Manifest ID:	004515731SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613935
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Shipment Date:	20141015
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141022
Manifest ID:	000888655VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141015
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141022
Manifest ID:	000888655VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141015
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141022
Manifest ID:	000888655VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141015
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141022
Manifest ID:	000888655VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141015
Creation Date:	12/31/2014 22:14:46
Receipt Date:	20141021
Manifest ID:	000888653VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRO
TSDf EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.015
Waste Quantity: 30
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2015
Gen EPA ID: CAD980881874

Shipment Date: 20151222
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20151228
Manifest ID: 001087083VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151222
Creation Date: 2/9/2016 22:16:04
Receipt Date: 20151228
Manifest ID: 001087083VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D003
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0225
Waste Quantity: 45

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AT&T CALIFORNIA - G1601 (Continued)

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Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151222
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20160105
Manifest ID:	001087082VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151222
Creation Date:	2/9/2016 22:16:04
Receipt Date:	20151228
Manifest ID:	001087083VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0275
Waste Quantity:	55
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D002
Additional Code 4:	D001
Additional Code 5:	Not reported

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Shipment Date:	20151214
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20151214
Manifest ID:	015152616JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.18765
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151120
Creation Date:	2/8/2016 22:17:20
Receipt Date:	20151121
Manifest ID:	015163601JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150915
Creation Date:	11/6/2015 22:15:17
Receipt Date:	20150918
Manifest ID:	014623831JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

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S113002963

Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150805
Creation Date:	11/3/2015 22:15:24
Receipt Date:	20150819
Manifest ID:	001033951VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150805
Creation Date:	11/3/2015 22:15:24
Receipt Date:	20150819
Manifest ID:	001033951VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

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Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150805
Creation Date: 10/1/2015 22:15:28
Receipt Date: 20150806
Manifest ID: 001033950VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

LOS ANGELES HM:

Name: AT&T CALIFORNIA - G1601
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0001760
Last Run Date: 04/19/2021
Status: ACTIVE

CERS:

Name: AT&T CALIFORNIA - G1601
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 385703
CERS ID: 10207648
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 385703
Site Name: AT&T California - G1601
Violation Date: 09-28-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22,

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Violation Description: Chapter 12, Section(s) 66262.40(a)
Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.

Violation Notes: Returned to compliance on 10/29/2015. OBSERVATION: A. COPIES OF MANIFESTS WITH TSDF SIGNATURES WERE NOT AVAILABLE FOR THE FOLLOWING RECORDS. 1. PARTWASHER MN # 004912614 SKS DATED 04/28/15, 004950050 SKS DATED 07/16/15 2. ETHYLENE GLYCOL SOLUTIONS MN # 013748293 JJK DATED 01/02/15, 014064460 JJK DATED 04/08/15 3. USED OIL MN# 014064457 JJK DATED 04/08/15, 014663572 JJK DATED 07/20/15 B. COPIES OF DISPOSAL RECORDS FOR THE FOLLOWINGS MATERIALS (Generated from construction works) WERE NOT AVAILABLE. PLEASE PROVIDE LAST 3 DISPOSALS 1. TOXIC WASTE AND FLAMMABLE WASTE (Only one record in 2014 was available) 2. ALKALINE BATTERIES (Only 2013 was available) 3. NICKEL-CADMIUM BATTERIES (Only 2013 was available) 4. LEAD ACID BATTERIES (U-Verse batteries) 5. FLUORESCENT LIGHT BULBS Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure for three years and have them readily available for review. [Truncated]

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: FRANCISCO ANGELI, CUSTOMER SUPPORT SPECIALIST
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-23-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given by: Ben Zamek The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into CERS [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Oxygen 200 cu ft cylinder Argon 200 cu ft cylinder acetylene 160 cu ft cylinder oil 360 gallons ast waste oil 250 gallons Diesel 93 gallons x2 generators belly tank Haz waste universal waste

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Michael r. Amparano, Construction Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Michael Amparano, Construction Supervisor
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 385703
Facility Name: AT&T California - G1601

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Env Int Type Code: HMBP
Program ID: 10207648
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.116950
Longitude: -118.245700

Affiliation:

Affiliation Type Desc: Environmental Contact
Entity Name: AT&T EH&S Hotline - Option #1
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75202
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75202
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jeremy McGrue
Entity Title: National EPCRA Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Parent Corporation
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

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AT&T CALIFORNIA - G1601 (Continued)

S113002963

Affiliation Type Desc: Document Preparer
Entity Name: Peter Burnell, Sigma Consultants, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: AT&T California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (800) 566-9347,

Affiliation Type Desc: Legal Owner
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title: Not reported
Affiliation Address: 308 S. Akard St., 17th Floor
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75202
Affiliation Phone: (214) 464-1712,

HWTS:

Name: PACIFIC BELL TELEPHONE CO DBA AT&T CALIF
Address: 3035 ANDRITA ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
EPA ID: CAD980881874
Inactive Date: Not reported
Create Date: 04/10/1987
Last Act Date: 11/25/2020
Mailing Name: Not reported
Mailing Address: 308 S. AKARD ST. 17TH FLOOR
Mailing Address 2: Not reported
Mailing City,State,Zip: DALLAS, TX 752020000
Owner Name: PACIFIC BELL
Owner Address: 308 S. AKARD ST. 17TH
Owner Address 2: 17TH FLOOR
Owner City,State,Zip: DALLAS, TX 752020000
Contact Name: DOROTHY LEWIS
Contact Address: 308 S. AKARD ST.
Contact Address 2: 17TH FLOOR
City,State,Zip: DALLAS, TX 75202

NAICS:

EPA ID: CAD980881874
Create Date: 2003-10-23 15:27:19.000
NAICS Code: 51331

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AT&T CALIFORNIA - G1601 (Continued)

S113002963

NAICS Description: Wired Telecommunications Carriers
 Issued EPA ID Date: 1987-04-10 00:00:00
 Inactive Date: Not reported
 Facility Name: PACIFIC BELL TELEPHONE CO DBA AT&T CALIF
 Facility Address: 3035 ANDRITA ST
 Facility Address 2: Not reported
 Facility City: LOS ANGELES
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 900650000

EPA ID: CAD980881874
 Create Date: 2002-03-14 16:36:26.000
 NAICS Code: 51334
 NAICS Description: Satellite Telecommunications
 Issued EPA ID Date: 1987-04-10 00:00:00
 Inactive Date: Not reported
 Facility Name: PACIFIC BELL TELEPHONE CO DBA AT&T CALIF
 Facility Address: 3035 ANDRITA ST
 Facility Address 2: Not reported
 Facility City: LOS ANGELES
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 900650000

J77
 West
 1/8-1/4
 0.153 mi.
 807 ft.

AT&T CALIFORNIA - G1601
3035 ANDRITA ST
LOS ANGELES, CA 90065

CA UST U004305445
N/A

Site 2 of 3 in cluster J

Relative:
Lower
Actual:
398 ft.

LOS ANGELES UST:
 Name: AT&T CALIFORNIA - G1601
 Address: 3035 ANDRITA ST
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0001760
 Last Run Date: 04/19/2021
 Status: INACTIVE

J78
 West
 1/8-1/4
 0.153 mi.
 807 ft.

PACIFIC BELL
3035 ANDRITA ST
LOS ANGELES, CA 90065

RCRA-LQG 1000250038
CA LUST CAD980881874
CA UST
CA SWEEPS UST
CA HIST UST
CA FID UST
FINDS
ECHO
CA Cortese
CA HIST CORTESE
CA WIP
CA CERS

Site 3 of 3 in cluster J

Relative:
Lower
Actual:
398 ft.

RCRA-LQG:
 Date Form Received by Agency: 19840314
 Handler Name: PACIFIC BELL

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC BELL (Continued)

1000250038

Handler Address:	3035 ANDRITA ST
Handler City,State,Zip:	LOS ANGELES, CA 90065
EPA ID:	CAD980881874
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	3035 ANDRITA ST
Contact City,State,Zip:	LOS ANGELES, CA 90065
Contact Telephone:	818-578-2827
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4R
Mailing Address:	170 N FAIR OAKS RM 103
Mailing City,State,Zip:	PASADENA, CA 91103
Owner Name:	PACIFIC BELL
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PACIFIC BELL (Continued)

1000250038

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC BELL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19840314
Handler Name:	PACIFIC BELL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19900409
Handler Name:	PACIFIC BELL
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 5133
NAICS Description: TELECOMMUNICATIONS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

LUST:

Name: PACIFIC BELL (G1-601)
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701196
Global Id: T0603701196
Latitude: 34.1161731
Longitude: -118.2461107
Status: Completed - Case Closed
Status Date: 01/26/2007
Case Worker: EL
RB Case Number: 900650243
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:

Global Id: T0603701196
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701196
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603701196
Action Type: Other
Date: 05/15/1990
Action: Leak Reported

LUST:
Global Id: T0603701196
Status: Open - Case Begin Date
Status Date: 05/15/1990

Global Id: T0603701196
Status: Open - Remediation
Status Date: 06/10/1991

Global Id: T0603701196
Status: Completed - Case Closed
Status Date: 01/26/2007

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650243
Status: Remedial action (cleanup) Underway
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603701196
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: SAN FERNANDO RD
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 5/15/1990
Date Leak Record Entered: 5/20/1990
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/9/1991
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1616.1860313170729137920453125

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: 6/10/1991
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: BLANK RP
RP Address: Not reported
Program: LUST
Lat/Long: 34.1161731 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

UST:

Name: PACIFIC BELL
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 25126
Permitting Agency: LOS ANGELES, CITY OF
CERSID: Not reported
Latitude: 34.1179428
Longitude: -118.2446605

SWEEPS UST:

Name: PACIFIC BELL
Address: 3035 ANDRITA ST
City: LOS ANGELES
Status: Active
Comp Number: 5178
Number: 9
Board Of Equalization: Not reported
Referral Date: 10-22-92
Action Date: 10-22-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-005178-000002
Tank Status: A
Capacity: 12000
Active Date: 10-22-92
Tank Use: CHEMICAL
STG: P

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

Content: UNKNOWN
Number Of Tanks: 1

Name: PACIFIC BELL
Address: 3035 ANDRITA ST
City: LOS ANGELES
Status: Not reported
Comp Number: 5178
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-005178-000001
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:

Name: PACIFIC BELL (G1-601)
Address: 3035 ANDRITA
City,State,Zip: LOS ANGELES, CA 90065
File Number: 00027AA5
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027AA5.pdf>
Region: STATE
Facility ID: 00000016783
Facility Type: Other
Other Type: PHONE CO
Contact Name: E. J. KOEHLER
Telephone: 4155426758
Owner Name: PACIFIC BELL
Owner Address: 370 TIRD STREET
Owner City,St,Zip: SAN FRANCISCO, CA 94107
Total Tanks: 0001

Tank Num: 001
Container Num: G-79-12K
Year Installed: 1979
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 19002491
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

SIC Code: Not reported
Facility Phone: 4158238723
Mail To: Not reported
Mailing Address: 3035 ANDRITA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110002673214

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000250038
Registry ID: 110002673214
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002673214>
Name: PACIFIC BELL
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065

CORTESE:

Name: PACIFIC BELL (G1-601)
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603701196
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:

edr_fname: PACIFIC BELL (G1-601)
edr_fadd1: 3035 ANDRITA
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650243

WIP:

Name: PACIFIC BELL
Address: 3035 Andrita St
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0035
File Status: Historical
Staff: ACARLOS
Facility Suite: Not reported

CERS:

Name: PACIFIC BELL (G1-601)
Address: 3035 ANDRITA ST
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 210824
CERS ID: T0603701196
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250038

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

K79
NE
1/8-1/4
0.169 mi.
890 ft.

W G JOHNSON ROOFING COMPANY
3510 FLETCHER DR
LOS ANGELES, CA 90065

CA SWEEPS UST **S101587735**
CA FID UST **N/A**

Site 1 of 7 in cluster K

Relative:
Higher
Actual:
439 ft.

SWEEPS UST:
Name: W G JOHNSON ROOFING COMPANY
Address: 3510 FLETCHER DR
City: LOS ANGELES
Status: Active
Comp Number: 4986
Number: 3
Board Of Equalization: Not reported
Referral Date: 08-30-93
Action Date: 08-30-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19055943
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 3510 FLETCHER DR
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
K80 NE 1/8-1/4 0.169 mi. 890 ft.	3510 FLETCHER DR LOS ANGELES, CA Site 2 of 7 in cluster K	CA UST	U004302198 N/A
Relative: Higher	LOS ANGELES UST: Name: Not reported		
Actual: 439 ft.	Address: 3510 FLETCHER DR City,State,Zip: LOS ANGELES, CA Facility ID: Not reported Last Run Date: 01/01/1900 Status: HISTORICAL		
K81 NE 1/8-1/4 0.173 mi. 914 ft.	JOHNSON ROOFING 3514 FLETCHER DR LOS ANGELES, CA 90062 Site 3 of 7 in cluster K	CA HAZMAT	S123551911 N/A
Relative: Higher	LOS ANGELES HM: Name: JOHNSON ROOFING		
Actual: 441 ft.	Address: 3514 FLETCHER DR City,State,Zip: LOS ANGELES, CA 90062 Facility ID: FA0036468 Last Run Date: 04/19/2021 Status: INACTIVE		
K82 NE 1/8-1/4 0.173 mi. 914 ft.	JOHNSON ROOFING 3514 FLETCHER DR LOS ANGELES, CA 90062 Site 4 of 7 in cluster K	CA UST	U004307881 N/A
Relative: Higher	LOS ANGELES UST: Name: JOHNSON ROOFING		
Actual: 441 ft.	Address: 3514 FLETCHER DR City,State,Zip: LOS ANGELES, CA 90062 Facility ID: FA0036468 Last Run Date: 04/19/2021 Status: INACTIVE		
L83 WSW 1/8-1/4 0.177 mi. 936 ft.	AUTOZONE #5424 3071 N SAN FERNANDO RD LOS ANGELES, CA 90065 Site 1 of 6 in cluster L	CA HAZNET CA HAZMAT CA HWTS	S121019867 N/A
Relative: Lower	HAZNET: Name: AUTOZONE #5424		
Actual: 392 ft.	Address: 3071 N SAN FERNANDO RD Address 2: Not reported City,State,Zip: LOS ANGELES, CA 381033607 Contact: BRYAN BLAIR Telephone: 9014957217 Mailing Name: Not reported Mailing Address: DEPT 8190 123 S FRONT ST		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: NVD980895338
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01550

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: CAD059494310
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.08000

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: CAD008364432
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00150

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: AZR000515924
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00100

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00250

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.26000

Year: 2019
Gepaid: CAL000411582
TSD EPA ID: NVD980895338
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00150

Year: 2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

Gepaid: CAL000411582
TSD EPA ID: CAD008364432
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00450

Year: 2018
Gepaid: CAL000411582
TSD EPA ID: NVD980895338
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00050

Year: 2018
Gepaid: CAL000411582
TSD EPA ID: CAD044429835
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.79500

[Click this hyperlink](#) while viewing on your computer to access 5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2017
Gen EPA ID: CAL000411582

Shipment Date: 20171205
Creation Date: 8/7/2018 18:30:40
Receipt Date: 20171218
Manifest ID: 006315976SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SVC INC
TSD EPA ID: CAD044429835
Trans Name: CLEAN HARBORS OF WILMINGTON LLC
TSD EPA Alt EPA ID: Not reported
TSD EPA Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171116

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

Creation Date: 8/10/2018 18:30:35
Receipt Date: 20171201
Manifest ID: 006264563SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS OF WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171025
Creation Date: 6/20/2018 18:31:41
Receipt Date: 20171106
Manifest ID: 006295075SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS OF WILMINGTON LLC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.04
Waste Quantity: 80
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171013
Creation Date: 5/30/2018 18:33:30
Receipt Date: 20171023
Manifest ID: 006265466SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SVC INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170929
Creation Date:	6/13/2018 18:30:55
Receipt Date:	20171009
Manifest ID:	006190209SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170830
Creation Date:	8/2/2018 18:30:33
Receipt Date:	20170919
Manifest ID:	006165719SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170710
Creation Date:	9/27/2018 18:30:17
Receipt Date:	20170728
Manifest ID:	006111664SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDf EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170613
Creation Date:	6/20/2018 18:30:25
Receipt Date:	20170616
Manifest ID:	009308471FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSP
TSDf EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0085
Waste Quantity:	17
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170531
Creation Date:	9/28/2018 18:30:17
Receipt Date:	20170619
Manifest ID:	006111665SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDf EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170531
Creation Date:	7/28/2018 18:34:05
Receipt Date:	20170620
Manifest ID:	006111669SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDf EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	F001
Additional Code 4:	D001
Additional Code 5:	Not reported

LOS ANGELES HM:

Name:	AUTOZONE #5424
Address:	3071 N SAN FERNANDO RD
City,State,Zip:	LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S121019867

Facility ID: FA0039521
Last Run Date: 04/19/2021
Status: ACTIVE

HWTS:

Name: AUTOZONE #5424
Address: 3071 N SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900651410
EPA ID: CAL000411582
Inactive Date: Not reported
Create Date: 10/27/2015
Last Act Date: 05/06/2021
Mailing Name: BRYAN BLAIR
Mailing Address: DEPT 8190, 123 SOUTH FRONT STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: MEMPHIS, TN 38103
Owner Name: AUTO ZONE CORPORATION
Owner Address: 123 S FRONT ST
Owner Address 2: Not reported
Owner City,State,Zip: MEMPHIS, TN 381033607
Contact Name: BRYAN BLAIR
Contact Address: DEPT 8190, 123 SOUTH FRONT STREET
Contact Address 2: Not reported
City,State,Zip: MEMPHIS, TN 38103

NAICS:

EPA ID: CAL000411582
Create Date: 2015-10-27 09:29:01.150
NAICS Code: 45299
NAICS Description: All Other General Merchandise Stores
Issued EPA ID Date: 2015-10-27 09:29:01.14700
Inactive Date: Not reported
Facility Name: AUTOZONE #5424
Facility Address: 3071 N SAN FERNANDO RD
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900651410

L84
WSW
1/8-1/4
0.177 mi.
936 ft.

AUTOZONE #5424
3071 N SAN FERNANDO RD
LOS ANGELES, CA 90065

RCRA NonGen / NLR 1024852441
CAL000411582

Site 2 of 6 in cluster L

Relative:
Lower
Actual:
392 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20151027
Handler Name: AUTOZONE #5424
Handler Address: 3071 N SAN FERNANDO RD
Handler City,State,Zip: LOS ANGELES, CA 90065-1410
EPA ID: CAL000411582
Contact Name: BRYAN BLAIR
Contact Address: DEPT 8190, 123 SOUTH FRONT STREET
Contact City,State,Zip: MEMPHIS, TN 38103
Contact Telephone: 901-495-7217

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUTOZONE #5424 (Continued)

1024852441

Contact Fax:	901-495-8399
Contact Email:	BRYAN.BLAIR@AUTOZONE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	DEPT 8190, 123 S FRONT ST
Mailing City,State,Zip:	MEMPHIS, TN 38103-3607
Owner Name:	AUTO ZONE CORPORTATION
Owner Type:	Other
Operator Name:	BRYAN BLAIR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUTOZONE #5424 (Continued)

1024852441

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AUTO ZONE CORPORTATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	123 S FRONT ST
Owner/Operator City,State,Zip:	MEMPHIS, TN 38103-3607
Owner/Operator Telephone:	901-495-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRYAN BLAIR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	DEPT 8190, 123 SOUTH FRONT STREET
Owner/Operator City,State,Zip:	MEMPHIS, TN 38103
Owner/Operator Telephone:	901-495-7217
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20151027
Handler Name:	AUTOZONE #5424
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AUTOZONE #5424 (Continued)

1024852441

List of NAICS Codes and Descriptions:

NAICS Code: 45299
 NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

L85
WSW
1/8-1/4
0.177 mi.
936 ft.

AUTOZONE #5424
3071 N SAN FERNANDO RD
LOS ANGELES, CA 90065

CA CERS HAZ WASTE
CA CERS

S124437643
N/A

Site 3 of 6 in cluster L

Relative:
Lower

CERS HAZ WASTE:

Actual:
392 ft.

Name: AUTOZONE #5424
 Address: 3071 N SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA 90065
 Site ID: 521498
 CERS ID: 10786978
 CERS Description: Hazardous Waste Generator

CERS:

Name: AUTOZONE #5424
 Address: 3071 N SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA 90065
 Site ID: 521498
 CERS ID: 10786978
 CERS Description: Chemical Storage Facilities

Violations:

Site ID: 521498
 Site Name: AUTOZONE #5424
 Violation Date: 06-02-2016
 Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violation Notes: Not reported
 Violation Division: Los Angeles City Fire Department
 Violation Program: HMRRP
 Violation Source: CERS,

Site ID: 521498
 Site Name: AUTOZONE #5424
 Violation Date: 06-02-2016
 Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S124437643

Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 521498

Site Name: AUTOZONE #5424

Violation Date: 06-02-2016

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 521498

Site Name: AUTOZONE #5424

Violation Date: 06-02-2016

Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1

Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 521498

Site Name: AUTOZONE #5424

Violation Date: 06-02-2016

Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1

Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 521498

Site Name: AUTOZONE #5424

Violation Date: 06-02-2016

Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S124437643

Site ID: 521498
Site Name: AUTOZONE #5424
Violation Date: 06-02-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 521498
Site Name: AUTOZONE #5424
Violation Date: 06-02-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 521498
Site Name: AUTOZONE #5424
Violation Date: 06-02-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 521498
Site Name: AUTOZONE #5424
Violation Date: 06-02-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 521498
Site Name: AUTOZONE #5424
Violation Date: 06-02-2016
Citation: HSC 6.95 25510(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25510(a)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S124437643

Violation Description: Failure to report a release or threatened release of a hazardous material to the unified program agency and to OES.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Site ID: 521498

Site Name: AUTOZONE #5424

Violation Date: 06-02-2016

Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: Not reported

Violation Division: Los Angeles City Fire Department

Violation Program: HMRRP

Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 08-19-2015

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Angie Leon

Eval Division: Los Angeles County Fire Department

Eval Program: HW

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 05-09-2016

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: THIS LOCATION IS NOW CLOSED AND VACANT. THE BUILDING IS EMPTY AND THERE IS NO OTHER BUSINESS HERE.

Eval Division: Los Angeles City Fire Department

Eval Program: HMRRP

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 05-28-2021

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: DAVID MARQUEZ, COMMERCIAL MANAGER

Eval Division: Los Angeles County Fire Department

Eval Program: HW

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

Eval Date: 09-17-2018

Violations Found: No

Eval Type: Routine done by local agency

Eval Notes: Out of Business

Eval Division: Los Angeles County Fire Department

Eval Program: HW

Eval Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S124437643

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Julio Gumatay, Parts Sales Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials and business emergency plan inspection. Observed the facility and inspected hazardous materials storage. Annual employee safety training records were not maintained. Facility has also not electronically disclosed the onsite hazardous materials inventory or submitted a business emergency plan in California Environmental Reporting System (CERS). Please go to <https://cersbusiness2.calepa.ca.gov> to complete a chemical inventory disclosure and business emergency plan. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.
ADDITIONAL COMMENT: AUTO ZONE MOVED ACROSS STREET FROM 3052 N SAN FERNANDO TO 3071 N SAN FERNANDO IN DECEMBER 2015. MANAGER ON SITE STATES NEVER RECEIVED PERMIT. [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Deborah Williams
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Andrew Beaven
Entity Title: Not reported
Affiliation Address: 123 Front Street, Dept. 8190
Affiliation City: Memphis
Affiliation State: TN
Affiliation Country: Not reported
Affiliation Zip: 38103
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S124437643

Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Identification Signer
Entity Name: Deborah Williams
Entity Title: Environmental Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Auto Zone
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 123 South Front Street, Dept. 8190
Affiliation City: Memphis
Affiliation State: TN
Affiliation Country: Not reported
Affiliation Zip: 38103
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: AutoZone Inc
Entity Title: Not reported
Affiliation Address: 123 South Front Street
Affiliation City: Memphis
Affiliation State: TN
Affiliation Country: United States
Affiliation Zip: 38103
Affiliation Phone: (901) 495-6500,

Affiliation Type Desc: Operator
Entity Name: Autozone
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (901) 495-7129,

Affiliation Type Desc: Property Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

S124437643

Entity Name: Lynwood Venture, LLC
Entity Title: Not reported
Affiliation Address: 7120 Alondra Blvd
Affiliation City: Paramount
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90723
Affiliation Phone: (818) 384-5290,

**M86
WSW
1/8-1/4
0.180 mi.
948 ft.**

**3117 SAN FERNANDO RD
LOS ANGELES, CA
Site 1 of 21 in cluster M**

**CA UST U004301916
N/A**

**Relative:
Lower
Actual:
395 ft.**

LOS ANGELES UST:
Name: Not reported
Address: 3117 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

**K87
NE
1/8-1/4
0.180 mi.
953 ft.**

**JOSE PELAYO'S COMPLETE AUTO SVC
3457 FLETCHER DR
LOS ANGELES, CA 90065
Site 5 of 7 in cluster K**

**RCRA NonGen / NLR 1024789684
CAL000069014**

**Relative:
Higher
Actual:
440 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 19920609
Handler Name: JOSE PELAYO'S COMPLETE AUTO SVC
Handler Address: 3457 FLETCHER DR
Handler City,State,Zip: LOS ANGELES, CA 90065-0000
EPA ID: CAL000069014
Contact Name: ROBERT PELAYO-MGR
Contact Address: 3457 FLETCHER DR
Contact City,State,Zip: LOS ANGELES, CA 90065
Contact Telephone: 818-523-8710
Contact Fax: Not reported
Contact Email: PELAYOAUTO@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 3457 FLETCHER DR
Mailing City,State,Zip: LOS ANGELES, CA 90065-2955
Owner Name: PELAYO JOSE
Owner Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO'S COMPLETE AUTO SVC (Continued)

1024789684

Operator Name:	ROBERT PELAYO-MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRC Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO'S COMPLETE AUTO SVC (Continued)

1024789684

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT PELAYO-MGR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3457 FLETCHER DR
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065
Owner/Operator Telephone: 818-523-8710
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PELAYO JOSE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 937 EL PASO DR
Owner/Operator City,State,Zip: LOS ANGELES, CA 90042-3118
Owner/Operator Telephone: 323-255-8443
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19920609
Handler Name: JOSE PELAYO'S COMPLETE AUTO SVC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

K88
NE
1/8-1/4
0.180 mi.
953 ft.

JOSE PELAYO COMPLETE AUTO SERVICE
3457 N FLETCHER DR
LOS ANGELES, CA 90065

CA CERS HAZ WASTE
CA HAZMAT
CA CERS

S123500307
N/A

Site 6 of 7 in cluster K

Relative:
Higher
Actual:
440 ft.

CERS HAZ WASTE:
Name: JOSE PELAYO COMPLETE AUTO SERVICE
Address: 3457 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 126732
CERS ID: 10242355
CERS Description: Hazardous Waste Generator

LOS ANGELES HM:
Name: PELAYO'S AUTO SERVICE
Address: 3457 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0004307
Last Run Date: 04/19/2021
Status: ACTIVE

CERS:
Name: JOSE PELAYO COMPLETE AUTO SERVICE
Address: 3457 N FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 126732
CERS ID: 10242355
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 01-14-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 08/06/2015. OBSERVATION: Reviewed HWTS website and observed that the EPA ID # was inactive. CORRECTIVE ACTION: Reactivate the EPA ID number for the business. DTSC Form 1358 needs to be filled out and submitted to the Department of Toxic Substance Control
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-17-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 04-12-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 04/12/2018. OBSERVATION: The generator's EPA ID number is inactive. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an active EPA ID number. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that you have reactivated the facility's EPA ID number. COS. DTSC Form 1358 provided.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-17-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.

Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-17-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)

Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-17-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 04-12-2018
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 06/13/2018. OBSERVATION: 550-gallon tank of used oil is located in the hazardous waste accumulation area was observed without an accumulation start date and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of used oil and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 126732

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-17-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 01-14-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 02/17/2015. OBSERVATION: Copies of hazardous waste disposal records were not found on site. Hazardous waste generators shall retain copies of all manifests signed off by the disposal facility and all receipts used in a consolidated manifesting procedure on site for three years and have them readily available for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

review. CORRECTIVE ACTION: Immediately locate a copy of manifests and receipts for waste oil by February 14, 2015.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 01-14-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/06/2015. OBSERVATION: Facility failed to properly manage contaminated textiles (shop towels). Shop towel cleaning service documents not available for review. CORRECTIVE ACTION: Properly manage all contaminated textiles (includes, but not limited to shop towels, uniforms, gloves, and linens used for commercial or industrial use) as hazardous wastes or have them made reusable by laundering or comparable methods of cleaning (e.g commercial laundry) with a Contingency Plan for handling both on-site and off-site emergencies involving the materials and which maintains records of the date, type, and quantities by piecework or weight of the materials laundered. HSC 6.5 25144.6 .

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date

Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Violation Date: 05-09-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 126732
Site Name: JOSE PELAYO COMPLETE AUTO SERVICE
Violation Date: 05-09-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 07/18/2019. More recent inspection completed. Newer inspection report and violations supersede previous violations. Previous violations were abated this date
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Juan Brambila, Employee
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Eval Notes: "Consent to enter, inspect and take photographs was given by: JOSE PELAYO The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. New user instructions are provided below. NOTE: The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into CERS is required between January 1 and March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission within 30 days of that [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jose Pelayo
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Jose Pelayo, Owner
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PERMISSION FOR INSPECTION GIVEN BY OWNER JOSE PELAYO . OWNER WAS INFORMED THAT HE HAS TWO OUTSTANDING INVOICES FOR HIS CONSOLIDATED PERMIT. INSPECTOR TREJO REFERRED HIM TO ELVA DAVILA (213)978-3576 FOR HIS CONSOLIDATED PERMIT. THE OWNER WAS ALSO ADVISED THAT HE NEEDS TO COMPLY WITH CERS.

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Legal Owner
Entity Name: PELAYO, JOSE
Entity Title: Not reported
Affiliation Address: 3457 fletcher dr
Affiliation City: los angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065
Affiliation Phone: (818) 523-1999,

Affiliation Type Desc: Operator
Entity Name: Jose Pelayo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (818) 523-1999,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3457 N FLETCHER DR
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: JOSE PELAYO COMPLETE AUTO SERVICE
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Robert Pelayo
Entity Title: Not reported
Affiliation Address: 3457 N FLETCHER DR
Affiliation City: LOS ANGELES

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOSE PELAYO COMPLETE AUTO SERVICE (Continued)

S123500307

Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 90065
 Affiliation Phone: ,

 Affiliation Type Desc: CUPA District
 Entity Name: Los Angeles City Fire Department
 Entity Title: Not reported
 Affiliation Address: 200 North Main Street, Room 1780
 Affiliation City: Los Angeles
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 90012
 Affiliation Phone: (213) 978-3680,

K89
NE
1/8-1/4
0.180 mi.
953 ft.

PELAYO COMPLETE AUTO SVC
3457 FLETCHER DR
LOS ANGELES, CA 90065

Site 7 of 7 in cluster K

RCRA-SQG 1004676387
FINDS CAR000084608
ECHO

Relative:
Higher

Actual:
440 ft.

RCRA-SQG:
 Date Form Received by Agency: 20001016
 Handler Name: PELAYO COMPLETE AUTO SVC
 Handler Address: 3457 FLETCHER DR
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAR000084608
 Contact Name: ROBERT PELAYO
 Contact Address: 3457 FLETCHER DR
 Contact City,State,Zip: LOS ANGELES, CA 90065
 Contact Telephone: 323-257-1766
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3457 FLETCHER DR
 Mailing City,State,Zip: LOS ANGELES, CA 90065
 Owner Name: JOSE PALAYO
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PELAYO COMPLETE AUTO SVC (Continued)

1004676387

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSE PALAYO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PELAYO COMPLETE AUTO SVC (Continued)

1004676387

Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3457 FLETCHER DR
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065
Owner/Operator Telephone: 323-257-1766
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20001016
Handler Name: PELAYO COMPLETE AUTO SVC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110012210339

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004676387
Registry ID: 110012210339
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012210339>
Name: PELAYO COMPLETE AUTO SVC
Address: 3457 FLETCHER DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PELAYO COMPLETE AUTO SVC (Continued)

1004676387

City,State,Zip: LOS ANGELES, CA 90065

L90
WSW
1/8-1/4
0.186 mi.
980 ft.

EL POLLO LOCO #5534
3070 N SAN FERNANDO RD
LOS ANGELES, CA 90065

CA HAZMAT **S123508026**
CA CERS **N/A**

Site 4 of 6 in cluster L

Relative:
Lower
Actual:
392 ft.

LOS ANGELES HM:
Name: EL POLLO LOCO #5534
Address: 3070 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0039915
Last Run Date: 04/19/2021
Status: ACTIVE

CERS:
Name: EL POLLO LOCO #5534
Address: 3070 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 27831
CERS ID: 10503076
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 27831
Site Name: El Pollo Loco #5534
Violation Date: 01-15-2021
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 05/10/2021. The emergency response phone number(s) listed in Sections C1 through C6 of the Emergency Response/Contingency Plan are incorrect and/or missing. Please review the form and correct the following: Missing Hospital Phone Number. The phone number for the Local CUPA should be (213) 978-3680 and the phone number for the Region Water Quality Control Board is (213) 576-6600. You can download the most current CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN form at <https://www.lafd.org/fire-prevention/cupa/hazardous-materials>
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-15-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given by: Daniel Milojevich The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL POLLO LOCO #5534 (Continued)

S123508026

associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-10-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All violations corrected and cleared.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 27831
Facility Name: El Pollo Loco #5534
Env Int Type Code: HMBP
Program ID: 10503076
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.114240
Longitude: -118.245290

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3070 N San Fernando Rd
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90065
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: El Pollo Loco #5534
Entity Title: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL POLLO LOCO #5534 (Continued)

S123508026

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (213) 383-3351,

Affiliation Type Desc: Parent Corporation
Entity Name: El Pollo Loco
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Dan Milojevich
Entity Title: Director of Facilities
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: El Pollo Loco, Inc.
Entity Title: Not reported
Affiliation Address: 3535 Harbor Blvd, Suite 100
Affiliation City: Costa Mesa
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92626
Affiliation Phone: (714) 599-5000,

Affiliation Type Desc: Document Preparer
Entity Name: CHRIS RAYMOND
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Dan Milojevich
Entity Title: Not reported
Affiliation Address: 3535 Harbor Blvd, Suite 100
Affiliation City: Costa Mesa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92626
Affiliation Phone: ,

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

M91 **J.P.J.. CALIFORNIA**
West **3019 ANDRITA ST**
1/8-1/4 **LOS ANGELES, CA 90065**
0.204 mi.
1079 ft. **Site 2 of 21 in cluster M**

CA UST **U003781421**
 N/A

Relative: **UST:**
Lower Name: J.P.J.. CALIFORNIA
 Address: 3019 ANDRITA ST
Actual: City,State,Zip: LOS ANGELES, CA 90065
397 ft. Facility ID: 25124
 Permitting Agency: LOS ANGELES, CITY OF
 CERSID: Not reported
 Latitude: 34.1174919
 Longitude: -118.2448958

M92 **SCENIC EXPRESS**
West **3019 ANDRITA ST**
1/8-1/4 **LOS ANGELES, CA 90065**
0.204 mi.
1079 ft. **Site 3 of 21 in cluster M**

CA SWEEPS UST **S106769032**
 CA WIP **N/A**

Relative: **SWEEPS UST:**
Lower Name: J.P.J. CALIFORNIA
Actual: Address: 3019 ANDRITA ST
397 ft. City: LOS ANGELES
 Status: Active
 Comp Number: 8350
 Number: 1
 Board Of Equalization: Not reported
 Referral Date: 11-05-93
 Action Date: 11-05-93
 Created Date: 11-05-93
 Owner Tank Id: Not reported
 SWRCB Tank Id: Not reported
 Tank Status: Not reported
 Capacity: Not reported
 Active Date: Not reported
 Tank Use: Not reported
 STG: Not reported
 Content: Not reported
 Number Of Tanks: Not reported

WIP:
 Name: SCENIC EXPRESS
 Address: 3019 Andrita St
 City,State,Zip: LOS ANGELES, CA 90065
 Region: 4
 File Number: 112.0034
 File Status: **Historical**
 Staff: KLEE
 Facility Suite: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

M93 **THE SCENIC EXPRESS**
West **3019 N ANDRITA ST**
1/8-1/4 **LOS ANGELES, CA 90065**
0.204 mi.
1079 ft. **Site 4 of 21 in cluster M**

CA UST **U004306802**
N/A

Relative: LOS ANGELES UST:
Lower Name: THE SCENIC EXPRESS
 Address: 3019 N ANDRITA ST
Actual: City,State,Zip: LOS ANGELES, CA 90065
397 ft. Facility ID: FA0023512
 Last Run Date: 04/19/2021
 Status: INACTIVE

L94 **AUTOZONE #5424**
SW **3052 N SAN FERNANDO RD**
1/8-1/4 **LOS ANGELES, CA 90065**
0.206 mi.
1090 ft. **Site 5 of 6 in cluster L**

CA HAZMAT **S123514994**
N/A

Relative: LOS ANGELES HM:
Lower Name: AUTOZONE #5424
 Address: 3052 N SAN FERNANDO RD
Actual: City,State,Zip: LOS ANGELES, CA 90065
391 ft. Facility ID: FA0031750
 Last Run Date: 04/19/2021
 Status: INACTIVE

L95 **AUTOZONE #5424**
SW **3052 SAN FERNANDO RD**
1/8-1/4 **LOS ANGELES, CA 90065**
0.206 mi.
1090 ft. **Site 6 of 6 in cluster L**

RCRA NonGen / NLR **1024798974**
CAL000206986

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 19990406
Actual: Handler Name: AUTOZONE #5424
391 ft. Handler Address: 3052 SAN FERNANDO RD
 Handler City,State,Zip: LOS ANGELES, CA 90065-0000
 EPA ID: CAL000206986
 Contact Name: BRYAN BLAIR
 Contact Address: DEPT 8190, 123 SOUTH FRONT STREET
 Contact City,State,Zip: MEMPHIS, TN 38103
 Contact Telephone: 901-495-7217
 Contact Fax: 901-495-8399
 Contact Email: BRYAN.BLAIR@AUTOZONE.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: DEPT 8190, 123 S FRONT ST
 Mailing City,State,Zip: MEMPHIS, TN 38103-3607

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

1024798974

Owner Name:	AUTO ZONE CORPORTATION
Owner Type:	Other
Operator Name:	BRYAN BLAIR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AUTOZONE #5424 (Continued)

1024798974

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: AUTO ZONE CORPORTATION
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 123 S FRONT ST
Owner/Operator City,State,Zip: MEMPHIS, TN 38103-3607
Owner/Operator Telephone: 901-495-6500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BRYAN BLAIR
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: DEPT 8190, 123 SOUTH FRONT STREET
Owner/Operator City,State,Zip: MEMPHIS, TN 38103
Owner/Operator Telephone: 901-495-7217
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990406
Handler Name: AUTOZONE #5424
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 45299
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

96
SSW
1/8-1/4
0.212 mi.
1118 ft.

2950 SAN FERNANDO RD
LOS ANGELES, CA

CA UST **U004301759**
N/A

Relative:
Lower
Actual:
389 ft.

LOS ANGELES UST:
 Name: Not reported
 Address: 2950 SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA
 Facility ID: Not reported
 Last Run Date: 01/01/1900
 Status: HISTORICAL

M97
WSW
1/8-1/4
0.213 mi.
1125 ft.

SAN FLETCHER INC DBA FLETCHER CHEVRON
3100 N SAN FERNANDO RD
LOS ANGELES, CA 90065

RCRA NonGen / NLR **1024821093**
CAL000335998

Site 5 of 21 in cluster M

Relative:
Lower
Actual:
393 ft.

RCRA NonGen / NLR:
 Date Form Received by Agency: 20080903
 Handler Name: SAN FLETCHER INC DBA FLETCHER CHEVRON
 Handler Address: 3100 N SAN FERNANDO RD
 Handler City,State,Zip: LOS ANGELES, CA 90065-1413
 EPA ID: CAL000335998
 Contact Name: BEN POULDAR
 Contact Address: 3100 N SAN FERNANDO RD
 Contact City,State,Zip: LOS ANGELES, CA 90065
 Contact Telephone: 323-258-1931
 Contact Fax: 323-258-7119
 Contact Email: FLETCHERCHEVRON@YAHOO.COM
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 3100 N SAN FERNANDO RD
 Mailing City,State,Zip: LOS ANGELES, CA 90065-1413
 Owner Name: SAN FLETCHER INC
 Owner Type: Other
 Operator Name: BEN POULDAR
 Operator Type: Other
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: Yes
 Universal Waste Destination Facility: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAN FLETCHER INC DBA FLETCHER CHEVRON (Continued)

1024821093

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEN POULDAR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3100 N SAN FERNANDO RD
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90065
Owner/Operator Telephone:	323-258-1931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FLETCHER INC DBA FLETCHER CHEVRON (Continued)

1024821093

Owner/Operator Indicator: Owner
Owner/Operator Name: SAN FLETCHER INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3100 N SAN FERNANDO RD
Owner/Operator City,State,Zip: LOS ANGELES, CA 90065-1413
Owner/Operator Telephone: 323-258-1931
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20080903
Handler Name: SAN FLETCHER INC DBA FLETCHER CHEVRON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M98
WSW
1/8-1/4
0.213 mi.
1125 ft.

CHEVRON #9-0851
3100 SAN FERNANDO RD
LOS ANGELES, CA 90065
Site 6 of 21 in cluster M

CA LUST S104234272
CA SWEEPS UST N/A
CA Cortese
CA WIP

Relative:
Lower

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650261
Status: Preliminary site assessment underway
Substance: Hydrocarbons
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: OT
Global ID: T0603701198
W Global ID: Not reported

Actual:
393 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0851 (Continued)

S104234272

Staff: UNK
Local Agency: 19050
Cross Street: FLETCHER DR
Enforcement Type: Not reported
Date Leak Discovered: 3/30/1999
Date Leak First Reported: 11/30/1999
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 12/1/1999
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1160.2502186341888891581617818
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 11/30/1999
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: CHEVRON PRODUCT CO
RP Address: 1300 S. BEACH BLVD., LA HABRA CA 90631
Program: LUST
Lat/Long: 34.1147821 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:

Name: 90851 - CHEVRON STATION
Address: 3100 SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 3475
Number: 9
Board Of Equalization: 44-013022
Referral Date: 07-14-92
Action Date: 04-19-94

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0851 (Continued)

S104234272

Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003475-000001
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 5

Name: 90851 - CHEVRON STATION
Address: 3100 SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 3475
Number: 9
Board Of Equalization: 44-013022
Referral Date: 07-14-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003475-000002
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: 90851 - CHEVRON STATION
Address: 3100 SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 3475
Number: 9
Board Of Equalization: 44-013022
Referral Date: 07-14-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003475-000003
Tank Status: A
Capacity: 10000
Active Date: 04-20-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: 90851 - CHEVRON STATION
Address: 3100 SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 3475
Number: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0851 (Continued)

S104234272

Board Of Equalization: 44-013022
Referral Date: 07-14-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003475-000004
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: 90851 - CHEVRON STATION
Address: 3100 SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 3475
Number: 9
Board Of Equalization: 44-013022
Referral Date: 07-14-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003475-000005
Tank Status: A
Capacity: 1000
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CORTESE:

Name: CHEVRON #9-0851
Address: 3100 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603701198
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0851 (Continued)

S104234272

Waste Management Unit Name: Not reported
File Name: Active Open

WIP:

Name: BOB MEYER CHEVRON USA INC.
Address: 3100 San Fernando Rd
City,State,Zip: LOS ANGELES, CA 90027
Region: 4
File Number: 112.5491
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

M99
WSW
1/8-1/4
0.213 mi.
1125 ft.

90851
3100 SAN FERNANDO RD
LOS ANGELES, CA 90065

CA HIST UST **U001562441**
N/A

Site 7 of 21 in cluster M

Relative:
Lower

HIST UST:

Actual:
393 ft.

Name: 90851
Address: 3100 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
File Number: 00026C16
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026C16.pdf>
Region: STATE
Facility ID: 00000061918
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MEYER,ROBERT E
Telephone: 2132569460
Owner Name: CHEVRON U.S.A. INC.
Owner Address: 575 MARKET
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000370
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

90851 (Continued)

U001562441

Tank Capacity: 00010000
 Tank Used for: PRODUCT
 Type of Fuel: Not reported
 Container Construction Thickness: 0000370
 Leak Detection: Stock Inventor

Tank Num: 004
 Container Num: 4
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: 0000370
 Leak Detection: Stock Inventor

Tank Num: 005
 Container Num: 5
 Year Installed: Not reported
 Tank Capacity: 00001000
 Tank Used for: WASTE
 Type of Fuel: Not reported
 Container Construction Thickness: 0000370
 Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

M100
WSW
1/8-1/4
0.213 mi.
1125 ft.

FLETCHER CHEVRON
3100 N SAN FERNANDO RD
LOS ANGELES, CA 90065

CA UST U003938933
N/A

Site 8 of 21 in cluster M

Relative:
Lower
Actual:
393 ft.

LOS ANGELES UST:
 Name: FLETCHER CHEVRON
 Address: 3100 N SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: FA0000231
 Last Run Date: 04/19/2021
 Status: ACTIVE

M101
WSW
1/8-1/4
0.213 mi.
1125 ft.

90851-CHEVRON STATION
3100 SAN FERNANDO RD
LOS ANGELES, CA 90065

CA FID UST S101584419
N/A

Site 9 of 21 in cluster M

Relative:
Lower
Actual:
393 ft.

CA FID UST:
 Facility ID: 19011273
 Regulated By: UTNKA
 Regulated ID: 00061918
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 2136949509
 Mail To: Not reported
 Mailing Address: 1300 S BEACH BLVD
 Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

90851-CHEVRON STATION (Continued)

S101584419

Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

M102
WSW
1/8-1/4
0.213 mi.
1125 ft.

CHEVRON #9-0851
3100 SAN FERNANDO
LOS ANGELES, CA 90065
Site 10 of 21 in cluster M

CA LUST S103956025
CA HIST CORTESE N/A
CA CERS

Relative:
Lower

LUST:

Actual:
393 ft.

Name: CHEVRON #9-0851
Address: 3100 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701198
Global Id: T0603701198
Latitude: 34.1147821
Longitude: -118.2459527
Status: Completed - Case Closed
Status Date: 03/21/2008
Case Worker: PK
RB Case Number: 900650261
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:

Global Id: T0603701198
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701198
Contact Type: Local Agency Caseworker
Contact Name: PATRICK KILLIAN
Organization Name: LOS ANGELES, CITY OF
Address: 221 N FIGUEROA ST STE 1500
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826527

LUST:

Global Id: T0603701198
Action Type: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0851 (Continued)

S103956025

Date: 11/30/1999
Action: Leak Reported

Global Id: T0603701198
Action Type: Other
Date: 03/30/1999
Action: Leak Discovery

LUST:

Global Id: T0603701198
Status: Open - Case Begin Date
Status Date: 03/30/1999

Global Id: T0603701198
Status: Open - Site Assessment
Status Date: 11/30/1999

Global Id: T0603701198
Status: Completed - Case Closed
Status Date: 03/21/2008

HIST CORTESE:

edr_fname: CHEVRON #9-0851
edr_fadd1: 3100 SAN FERNANDO
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650261

CERS:

Name: CHEVRON #9-0851
Address: 3100 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 215430
CERS ID: T0603701198
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: PATRICK KILLIAN - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 221 N FIGUEROA ST STE 1500
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2134826527,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0851 (Continued)

S103956025

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

M103
WSW
1/8-1/4
0.213 mi.
1125 ft.

CHEVRON PRODUCTS SS#_90851
3100 N SAN FERNANDO RD
LOS ANGELES, CA 90065
Site 11 of 21 in cluster M

CA CERS HAZ WASTE
CA CERS TANKS
CA HAZNET
CA HAZMAT
CA CERS
CA HWTS

S113089196
N/A

Relative:
Lower
Actual:
393 ft.

CERS HAZ WASTE:

Name: FLETCHER CHEVRON
Address: 3100 N SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065-1413
Site ID: 104869
CERS ID: 10239616
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: FLETCHER CHEVRON
Address: 3100 N SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065-1413
Site ID: 104869
CERS ID: 10239616
CERS Description: Underground Storage Tank

HAZNET:

Name: CHEVRON PRODUCTS SS#_90851
Address: 3100 N SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900651413
Contact: KATHY NORRIS/
Telephone: 9258425931
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Year: 2002
Gepaid: CAL000170018
TSD EPA ID: CAD008302903
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 0.21

Year: 1997
Gepaid: CAL000170018
TSD EPA ID: CAD982484933
CA Waste Code: 513 - Empty containers less than 30 gallons
Disposal Method: D99 - Disposal, Other
Tons: 0.5

Additional Info:

Year: 1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Gen EPA ID:	CAL000170018
Shipment Date:	19971205
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971205
Manifest ID:	96619512
Trans EPA ID:	CAD009466392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD982484933
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD982484933
TSDf Alt Name:	Not reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2002
Gen EPA ID:	CAL000170018
Shipment Date:	20020514
Creation Date:	7/30/2002 18:31:21
Receipt Date:	20020517
Manifest ID:	21505185
Trans EPA ID:	CAR000031211
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008302903
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
LOS ANGELES HM:	
Name:	FLETCHER CHEVRON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Address: 3100 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0000231
Last Run Date: 04/19/2021
Status: ACTIVE

CERS:

Name: FLETCHER CHEVRON
Address: 3100 N SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065-1413
Site ID: 104869
CERS ID: 10239616
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 104869
Site Name: Fletcher Chevron
Violation Date: 12-03-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/27/2020. OBSERVATION: Uniform Hazardous Waste Manifests for contaminated absorbent and gas contaminated water were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for contaminated absorbent and gas contaminated water and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 104869
Site Name: Fletcher Chevron
Violation Date: 02-06-2019
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the Monitoring System Certification Form to the UPA within 30 days of completion of the test.
Violation Notes: Returned to compliance on 02/06/2019. OBSERVATION: Facility failed to submit the Monitoring System Certification Form to the CUPA within 30 days of completion of the test. CORRECTIVE ACTION: Send in the test results to the CUPA. Ensure submittal of monitor certification test results within 30 days using one of the following options in preferred order: 1. Upload results in California Environmental Reporting System (CERS) <https://cersbusiness.calepa.ca.gov> using the Miscellaneous State- Required Documents link. 2. Email results to laafd.usttestnotify@lacity.org or christopher.young@lacity.org 3. Mail results via certified mail to: Los Angeles City Fire Department, CUPA Section, 200 N. Main St, Los Angeles, CA 90012
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 104869

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Site Name: Fletcher Chevron
Violation Date: 10-17-2019
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 10/17/2019. OBSERVATION: Owner/Operator did not properly maintain leak detection equipment. Monitoring console green power light, yellow warning light, and red alarm light were out and not functioning. CORRECTED ON SITE: Tester Pedro Piste replaced all bulbs on site and green power, yellow warning, and red alarm lights were on and functioning after being replaced.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 104869
Site Name: Fletcher Chevron
Violation Date: 12-03-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 12/26/2019. OBSERVATION: 5-gallon container of gas contaminated water located in the trash storage area was observed without the following information on the label: no accumulation start date. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS,

Site ID: 104869
Site Name: Fletcher Chevron
Violation Date: 01-27-2021
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the Monitoring System Certification Form to the UPA within 30 days of completion of the test.
Violation Notes: Returned to compliance on 01/27/2021. OBSERVATION: Owner/Operator did not submit the Monitoring System Certification Form to the CUPA within 30 days of completion of the test. Test conducted on 10/26/2020
CORRECTIVE ACTION: Immediately submit a copy of the Monitoring System Certification Form by email to barry.belknap@lacity.org.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 104869
Site Name: Fletcher Chevron
Violation Date: 10-17-2019
Citation: 23 CCR 16 2716(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(e)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: Returned to compliance on 11/19/2019. OBSERVATION: Facility did not comply with one or more of the following DO monthly inspection requirements: DO incorrectly marked NO for Overfill in Section X on 1/8/2019 & 12/11/2018. DO noted incorrect 989 testing date on 12/11/2018 & 11/13/2018 DO inspection report. CORRECTIVE ACTION: Have the DO mark YES for Overfill in Section X on 1/8/3029 & 12/11/2018 DO reports as overfill was completed on 10/18/2018. Have DO correct 989 testing date to 10/30/2018 on . Submit copy of compliant DO inspection record.

Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 104869
Site Name: Fletcher Chevron
Violation Date: 10-18-2018
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)

Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Returned to compliance on 11/16/2018. OBSERVATION: Facility does not have an approved Monitoring Plan. In monitoring plan for all tanks under product system piping it states "SUCTION". CORRECTIVE ACTION: In monitoring plan under product system piping it should state "PRESSURE". Facility shall notify this inspector directly by email when all required corrections have been completed per Title 23, 2712 (f). OBSERVATION: Facility does not have an approved Monitoring Plan. In monitoring plan for T1 & T2 under overfill components installed it states "YES" for ball floats. CORRECTIVE ACTION: In monitoring plan under ball floats it should state "NO". Facility's ball floats were removed. Facility shall notify this inspector directly by email when all required corrections have been completed per Title 23, 2712 (f). OBSERVATION: Facility does not have an approved Monitoring Plan. In monitoring plan for under Tank ID T 1 & T2 do not match monitoring plan on site. CORRECTIVE ACTION: In monitoring plan under Tank ID [Truncated]

Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 12-12-2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: REVIEWED MONITOR CERTIFICATION TEST RESULTS FROM 10/27/2016. TESTING WAS PERFORMED BY PETROLEUM DYNAMICS INC., PEDRO PISTE ALL COMPONENTS WERE TESTED AND PASSED NO FOLLOW-UP ACTION IS REQUIRED RESULTS ATTACHED TO ENVISION.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-27-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed received Annual Monitoring System Certification and Spill Containment testing results conducted on 10/26/2020 by Pedro Piste with Petroleum Dynamics. Confirmed results received, scanned/downloaded and attached in Envision. Inspector combined and/or separated multiple documents submitted for each inspection type into one PDF per inspection. No failures noted on report. All violations were corrected and cleared.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-06-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: 3100 N San Fernando Rd Facility failed to send in the monitoring certification and secondary containment test results within 30 days. NOV written on 2/6/2019.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: mc 10/27/2016, Facility Inspection , cers accepted, ust book review, Do review, veeder-root strip review, consent for inspection given by cashier Hamid

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-18-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Continuation of a facility inspection for this inspection report. Inspector Young finished the report on 10/18/2019 due to an extended day that day before during the monitor cert due to training, 2 monitor certs, and a hazmat inspection.

Eval Division: Los Angeles City Fire Department
Eval Program: UST

Map ID
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Elevation

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Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hamid Saeed, Manager
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-27-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: The following has been reviewed and/or inspected : Monitor Certification test results were not submitted within 30 days of testing. This facility, CERS ID 10239616, was found to have violations. Review and correct all items marked OUT in this report, on or before the COMPLY BY date associated with each violation. Failure to resolve these violations may result in this facility being subject to formal enforcement. *****Upon completion of the resolution of all the above mentioned violations, please respond via email to the issuing Inspector to have the documents/CERS submittals reviewed and the violations cleared. ***** Reports emailed to: jon@thecomplianceguys.com sherchevron@aol.com Petrodynamics@gmail.com
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-06-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3100 N San Fernando Rd NOV follow up for facility at 3100 N San Fernando Rd. Facility sent in the late test results. Inspector Young cleared out the violation for the late testing results.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTION CONDUCTED WITH HAMID SAEED, CASHIER. VERIFICATION OF SENSOR PLACEMENT HANDLED BY PEDRO PISTE OF PETROLEUM DYNAMICS.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given on this date by Sajal Deb, Cashier. Monitoring system certification and overfill

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MAP FINDINGS

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EDR ID Number
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CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

testing was conducted at this time. Monitoring certification was performed by Pedro Piste with Petroleum Dynamics Inc. Monitoring System components were observed and verified on this date. Tester provided the following certifications: Pedro Piste ICC: 8159570 Exp: 10/4/2021 VR: #B34957 Exp: 9/4/2021 VMI: #3250 Exp: 2/6/2021 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Property Owner: San Fletcher Inc Tank Owner: San Fletcher [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-16-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3100 N San Fernando Rd NOV follow up for facility at 3100 N San Fernando Rd. Facility updated their CERS UST monitoring plan to match what is on site. Inspector Young emailed SHERCHEVRON@AOL.COM to let them know that all of the violations have been cleared.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3100 N San Fernando NOV follow up for facility at 3100 N San Fernando. DO sent in copies of corrected DO reports on 11/19/2019. Inspector Young emailed the DO Jon Martin to let him know of the clearing of all violations.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-20-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3100 N SAN FERNANDO RD REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION, SPILL BUCKET, & SECONDARY CONTAINMENT TESTING RESULTS FOR TESTING CONDUCTED ON 10/18/2018 & 10/30/2018 BY PEDRO PISTE WITH PETROLEUM DYNAMICS. CONFIRMED REQUESTED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2017

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CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility inspection took place on 3.13.2017 , cers accepted, need to update envision , after research
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LAFD Inspector Christopher Young on site 10/17/2019 to conduct routine inspection of your underground storage tanks. Consent to enter, inspect and take photographs was given on this date by Sajal Deb, Cashier. Monitoring system certification and overfill testing was conducted at this time. Monitoring certification was performed by Pedro Piste with Petroleum Dynamics Inc. Monitoring System components were observed and verified on this date. Tester provided the following certifications: Pedro Piste ICC: 8159570 Exp: 10/4/2021 VR: #B34957 Exp: 9/4/2021 VMI: #3250 Exp: 2/6/2021 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-28-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given by: Jon Martin The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C.

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CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into CERS [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LAFD Inspector Christopher Young on site 10/18/2018 to conduct routine inspection of your underground storage tanks. Consent to enter, inspect and take photographs was given on this date by Hamid Saeed, Manager. Monitoring system certification and overfill testing was conducted at this time. Monitoring certification was performed by PEDRO PISTE with PETROLEUM DYNAMICS INC. Monitoring System components were observed and verified on this date. Tester provided the following certifications: Pedro Piste ICC: 8159570 Exp: 10/2/2019 VR: #B34957 Exp: 9/4/2019 VMI: #3250 Exp: 2/14/19 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 3100 N SAN FERNANDO RD REVIEWED RECEIVED ANNUAL MONITORING SYSTEM CERTIFICATION & SPILL BUCKET TESTING RESULTS FOR TESTING CONDUCTED ON 10/17/2019 BY PEDRO PISTE WITH PETROLEUM DYNAMICS. CONFIRMED REQUESTED RESULTS WERE RECEIVED, SCANNED/DOWNLOADED AND/OR ATTACHED IN ENVISION. NO FAILURES NOTED ON REPORT.

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 8900 W. Olympic Blvd.
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90211-3514
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Fletcher Chevron (SanFletcher, Inc., 90851)
Entity Title: Not reported
Affiliation Address: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
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CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Property Owner Name
Entity Name: San Fletcher, Inc.
Entity Title: Not reported
Affiliation Address: 8900 W. Olympic Blvd.
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90211-3514
Affiliation Phone: (310) 641-7707,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Document Preparer
Entity Name: Rick Martin
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: MATT POULDAR
Entity Title: Not reported
Affiliation Address: 8900 W. Olympic Blvd.
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90211-3514
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: San Fletcher, Inc (C/O Ben Pouldar)
Entity Title: Not reported
Affiliation Address: 8900 W. Olympic Blvd.
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90211-3514
Affiliation Phone: (310) 641-7707,

Affiliation Type Desc: UST Permit Applicant

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Database(s)

EDR ID Number
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CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Entity Name: Ben Pouldar
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (310) 962-2955,

Affiliation Type Desc: UST Tank Operator
Entity Name: San Fletcher, Inc., Fletcher Chevron (DBA)
Entity Title: Not reported
Affiliation Address: 3100 N. San Fernando Road
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90065-1413
Affiliation Phone: (323) 258-1931,

Affiliation Type Desc: Identification Signer
Entity Name: Ben Pouldar
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Fletcher Chevron (DBA)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (323) 258-1931,

Affiliation Type Desc: UST Tank Owner
Entity Name: San Fletcher, Inc.
Entity Title: Not reported
Affiliation Address: 8900 W. Olympic Blvd.
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90211-3514
Affiliation Phone: (310) 641-7707,

Affiliation Type Desc: Property Owner
Entity Name: San Fletcher, Inc.
Entity Title: Not reported
Affiliation Address: 8900 W. Olympic Blvd.
Affiliation City: Beverly Hills
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90211-3514

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON PRODUCTS SS#_90851 (Continued)

S113089196

Affiliation Phone: (310) 641-7707,

HWTS:

Name: CHEVRON PRODUCTS SS#_90851
Address: 3100 N SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900651413
EPA ID: CAL000170018
Inactive Date: 06/30/2003
Create Date: 11/19/1997
Last Act Date: 02/16/2005
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN RAMON, CA 945830000
Owner Name: CHEVRON USA
Owner Address: PO BOX 6004
Owner Address 2: Not reported
Owner City,State,Zip: SAN RAMON, CA 945830000
Contact Name: KATHY NORRIS/
Contact Address: PO BOX 6004
Contact Address 2: Not reported
City,State,Zip: SAN RAMON, CA 945830000

NAICS:

EPA ID: CAL000170018
Create Date: 2002-03-14 16:36:28.000
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 1997-11-19 00:00:00
Inactive Date: 2003-06-30 00:00:00
Facility Name: CHEVRON PRODUCTS SS#_90851
Facility Address: 3100 N SAN FERNANDO RD
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900651413

M104
WSW
1/8-1/4
0.213 mi.
1125 ft.

CHEVRON STATION 90851
3100 N SAN FERNANDO RD
LOS ANGELES, CA 90065

Site 12 of 21 in cluster M

RCRA-SQG 1005441175
FINDS CAR000116368
ECHO
CA HAZNET
CA HWTS

Relative:
Lower
Actual:
393 ft.

RCRA-SQG:
Date Form Received by Agency: 20020516
Handler Name: CHEVRON STATION 90851
Handler Address: 3100 N SAN FERNANDO RD
Handler City,State,Zip: LOS ANGELES, CA 90065-1413
EPA ID: CAR000116368
Contact Name: KATHY NORRIS
Contact Address: P O BOX 6004
Contact City,State,Zip: SAN RAMON, CA 94583
Contact Telephone: 925-842-5931
Contact Fax: Not reported

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Database(s)

EDR ID Number
 EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 6004
Mailing City,State,Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON PRODUCTS COMPANY
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020516
Handler Name:	CHEVRON STATION 90851
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110012546147

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1005441175
Registry ID: 110012546147
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012546147>
Name: CHEVRON STATION 90851
Address: 3100 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065

HAZNET:

Name: CHEVRON STATION 90851
Address: 3100 N SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900651413
Contact: KATHY NORRIS-SLUSHER
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004

Year: 2012
Gepaid: CAR000116368
TSD EPA ID: CAD044429835
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 4.62
Year: 2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Gepaid: CAR000116368
TSD EPA ID: CAD044429835
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: -
Tons: 4.851
Year: 2011
Gepaid: CAR000116368
TSD EPA ID: CAD982444481
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.21
Year: 2008
Gepaid: CAR000116368
TSD EPA ID: CAD008302903
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.063
Year: 2007
Gepaid: CAR000116368
TSD EPA ID: CAD008302903
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.042
Year: 2005
Gepaid: CAR000116368
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: -
Tons: 0.01
Year: 2005
Gepaid: CAR000116368
TSD EPA ID: CAD008302903
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: 0.1344

Additional Info:

Year: 2008
Gen EPA ID: CAR000116368
Shipment Date: 20080218
Creation Date: 4/3/2008 18:30:13
Receipt Date: 20080222

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Manifest ID:	003317671JJK
Trans EPA ID:	CAR000152785
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2007
Gen EPA ID:	CAR000116368
Shipment Date:	20070206
Creation Date:	8/8/2007 18:30:15
Receipt Date:	20070209
Manifest ID:	000880723JJK
Trans EPA ID:	CAR000152785
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.042
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2005
Gen EPA ID:	CAR000116368
Shipment Date:	20051104

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Creation Date: 7/12/2006 18:31:35
Receipt Date: 20051110
Manifest ID: 24329894
Trans EPA ID: CAR000152785
Trans Name: CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008302903
Trans Name: ONYX ENVIRONMENTAL SERVICES
TSDf Alt EPA ID: CAD008302903
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1344
Waste Quantity: 32
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20050921
Creation Date: 7/6/2006 13:27:51
Receipt Date: Not reported
Manifest ID: 24508759
Trans EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.01
Waste Quantity: 20
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAR000116368

Shipment Date: 20111114
Creation Date: 1/27/2012 20:30:11
Receipt Date: 20111115
Manifest ID: 009216051JJK
Trans EPA ID: CAR000172460
Trans Name: ENVIRONMENTAL LOGISTICS INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982444481
Trans Name: FILTER RECYCLING SERVICES INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.21
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 2012
Gen EPA ID: CAR000116368

Shipment Date: 20121105
Creation Date: 1/28/2014 22:15:08
Receipt Date: Not reported
Manifest ID: 010396176JJK
Trans EPA ID: CAR000189431
Trans Name: ADAMS SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS INC
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: - Not reported
Quantity Tons: 0.231
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121029
Creation Date: 1/5/2013 22:15:31
Receipt Date: 20121030
Manifest ID: 010396166JJK
Trans EPA ID: CAR000189431
Trans Name: ADAMS SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD044429835
Trans Name: CLEAN HARBORS INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 4.62
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121029
Creation Date: 1/28/2014 22:15:08
Receipt Date: Not reported
Manifest ID: 010306166JJK
Trans EPA ID: CAR000189431
Trans Name: ADAMS SERVICES INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD044429835
Trans Name: CLEAN HARBORS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D018
Meth Code: - Not reported
Quantity Tons: 4.62
Waste Quantity: 1100
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: CHEVRON STATION 90851
Address: 3100 N SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900651413
EPA ID: CAR000116368
Inactive Date: 06/30/2015
Create Date: 03/04/2003
Last Act Date: 07/22/2015
Mailing Name: ATTN: WASTE DESK
Mailing Address: PO BOX 6004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN RAMON, CA 945830000
Owner Name: CHEVRON
Owner Address: PO BOX 6004
Owner Address 2: Not reported
Owner City,State,Zip: SAN RAMON, CA 945830000
Contact Name: KATHY NORRIS-SLUSHER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON STATION 90851 (Continued)

1005441175

Contact Address: 6101 BOLLINGER CANYON RD.
Contact Address 2: Not reported
City,State,Zip: SAN RAMON, CA 94583

NAICS:
EPA ID: CAR000116368
Create Date: 2011-08-17 14:36:26.000
NAICS Code: 447110
NAICS Description: Gasoline Stations with Convenience Stores
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: 2015-06-30 00:00:00
Facility Name: CHEVRON STATION 90851
Facility Address: 3100 N SAN FERNANDO RD
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900651413

EPA ID: CAR000116368
Create Date: 2009-12-03 12:41:18.000
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2003-03-04 14:25:35.18700
Inactive Date: 2015-06-30 00:00:00
Facility Name: CHEVRON STATION 90851
Facility Address: 3100 N SAN FERNANDO RD
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 900651413

M105
WSW
1/8-1/4
0.213 mi.
1125 ft.

FLETCHER CHEVRON
3100 N SAN FERNANDO RD
LOS ANGELES, CA 90065

Site 13 of 21 in cluster M

CA UST U004352218
N/A

Relative:
Lower
Actual:
393 ft.

UST:
Name: FLETCHER CHEVRON
Address: 3100 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA000231
Permitting Agency: Los Angeles City Fire Department
CERSID: Not reported
Latitude: 34.11495
Longitude: -118.24635

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
M106 WSW 1/8-1/4 0.213 mi. 1125 ft.	CHEVRON STATION #9-0851 3100 N SAN FERNANDO RD LOS ANGELES, CA 90065 Site 14 of 21 in cluster M	CA UST	U004345483 N/A
Relative: Lower	UST: Name: CHEVRON STATION #9-0851 Address: 3100 N SAN FERNANDO RD City,State,Zip: LOS ANGELES, CA 90065 Facility ID: 23769 Permitting Agency: LOS ANGELES, CITY OF CERSID: Not reported Latitude: 34.1162391 Longitude: -118.2450844		
Actual: 393 ft.			
M107 WSW 1/8-1/4 0.213 mi. 1125 ft.	FLETCHER CHEVRON 3100 N SAN FERNANDO ROAD LOS ANGELES, CA 90065 Site 15 of 21 in cluster M	CA UST	U004274111 N/A
Relative: Lower	UST: Name: FLETCHER CHEVRON Address: 3100 N SAN FERNANDO ROAD City,State,Zip: LOS ANGELES, CA 90065-1413 Facility ID: FA0000231 Permitting Agency: Los Angeles City Fire Department CERSID: 10239616 Latitude: 34.11495 Longitude: -118.24635		
Actual: 393 ft.			
M108 WSW 1/8-1/4 0.214 mi. 1131 ft.	3131 SAN FERNANDO RD LOS ANGELES, CA Site 16 of 21 in cluster M	CA UST	U004301927 N/A
Relative: Lower	LOS ANGELES UST: Name: Not reported Address: 3131 SAN FERNANDO RD City,State,Zip: LOS ANGELES, CA Facility ID: Not reported Last Run Date: 01/01/1900 Status: HISTORICAL		
Actual: 396 ft.			
M109 West 1/8-1/4 0.217 mi. 1148 ft.	JPJ CALIFORNIA 3135 N SAN FERNANDO RD LOS ANGELES, CA 90065 Site 17 of 21 in cluster M	CA UST CA SWEEPS UST	U003781430 N/A
Relative: Lower	UST: Name: JPJ CALIFORNIA Address: 3135 N SAN FERNANDO RD City,State,Zip: LOS ANGELES, CA 90065 Facility ID: 25134		
Actual: 397 ft.			

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JPJ CALIFORNIA (Continued)

U003781430

Permitting Agency: LOS ANGELES, CITY OF
CERSID: Not reported
Latitude: 34.1158
Longitude: -118.24671

SWEEPS UST:

Name: JPJ CALIFORNIA
Address: 3135 N SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 4981
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-25-93
Action Date: 02-25-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

M110
West
1/8-1/4
0.217 mi.
1148 ft.

JPJ CALIFORNIA
3135 N SAN FERNANDO RD
LOS ANGELES, CA 90065
Site 18 of 21 in cluster M

CA FID UST **S101587734**
N/A

Relative:
Lower
Actual:
397 ft.

CA FID UST:
Facility ID: 19055942
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2130000000
Mail To: Not reported
Mailing Address: 3135 N SAN FERNANDO RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

M111 **J P J CALIF**
West **3135 SAN FERNANDO RD**
1/8-1/4 **LOS ANGELES, CA 90000**
0.217 mi.
1148 ft. **Site 19 of 21 in cluster M**

CA SWEEPS UST **S106927589**
N/A

Relative: SWEEPS UST:
Lower Name: J P J CALIF
Address: 3135 SAN FERNANDO RD
Actual: City: LOS ANGELES
397 ft. Status: Active
Comp Number: 8286
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-23-93
Action Date: 09-23-93
Created Date: 09-23-93
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

M112 **MCDONALD'S #11605**
WSW **3124 N SAN FERNANDO RD**
1/8-1/4 **LOS ANGELES, CA 90065**
0.220 mi.
1161 ft. **Site 20 of 21 in cluster M**

CA HAZMAT **S123512799**
CA CERS **N/A**

Relative: LOS ANGELES HM:
Lower Name: MCDONALD'S #11605
Address: 3124 N SAN FERNANDO RD
Actual: City,State,Zip: LOS ANGELES, CA 90065
397 ft. Facility ID: FA0040890
Last Run Date: 04/19/2021
Status: ACTIVE

CERS:
Name: MCDONALD'S #11605
Address: 3124 N SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 361084
CERS ID: 10650748
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Consent to enter, inspect and take photographs was given by: Diana Shinn The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations indicated previously in this report, on or before the COMPLY BY date

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCDONALD'S #11605 (Continued)

S123512799

associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually into [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:

Site ID: 361084
Facility Name: McDonald's #11605
Env Int Type Code: HMBP
Program ID: 10650748
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 34.115430
Longitude: -118.246480

Affiliation:

Affiliation Type Desc: Legal Owner
Entity Name: McDonald's Restaurants of California
Entity Title: Not reported
Affiliation Address: 3800 Kilroy Airport Way, Suite 200
Affiliation City: Long Beach
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90806
Affiliation Phone: (818) 294-0345,

Affiliation Type Desc: Operator
Entity Name: McDonald's Restaurants of California
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (818) 294-0345,

Affiliation Type Desc: Property Owner
Entity Name: McDonald's Corporation
Entity Title: Not reported
Affiliation Address: 3800 Kilroy Airport Way, Suite 200
Affiliation City: Long Beach
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90806
Affiliation Phone: (562) 753-2001,

Affiliation Type Desc: Parent Corporation
Entity Name: McDonald's Restaurants of California Inc.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCDONALD'S #11605 (Continued)

S123512799

Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680,

Affiliation Type Desc: Document Preparer
Entity Name: Diana M. Shinn
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Aleko Boghoskhanian
Entity Title: Not reported
Affiliation Address: 3800 Kilroy Airport Way, Suite 200
Affiliation City: Long Beach
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90806
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3800 Kilroy Airport Way, Suite 200
Affiliation City: Long Beach
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90806
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Jackie Bunting
Entity Title: Operational Officer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N113
West
1/8-1/4
0.221 mi.
1168 ft.

NORMCO
3141 SAN FERNANDO RD
LOS ANGELES, CA 90065

Site 1 of 4 in cluster N

CA WIP S106769201
N/A

Relative: WIP:
Lower Name: NORMCO
Actual: Address: 3141 San Fernando Rd
399 ft. City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.5562
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

M114
West
1/8-1/4
0.225 mi.
1190 ft.

3132 SAN FERNANDO RD
LOS ANGELES, CA

Site 21 of 21 in cluster M

CA UST U004301929
N/A

Relative: LOS ANGELES UST:
Lower Name: Not reported
Actual: Address: 3132 SAN FERNANDO RD
397 ft. City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

N115
West
1/8-1/4
0.232 mi.
1225 ft.

EAGLE BODY SHOP
3155 N SAN FERNANDO RD
LOS ANGELES, CA 90065

Site 2 of 4 in cluster N

CA HAZMAT S123546113
N/A

Relative: LOS ANGELES HM:
Lower Name: EAGLE BODY SHOP
Actual: Address: 3155 N SAN FERNANDO RD
398 ft. City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0014715
Last Run Date: 04/19/2021
Status: INACTIVE

N116
West
1/8-1/4
0.232 mi.
1225 ft.

CS IRON WORK
3155 SAN FERNANDO RD
LOS ANGELES, CA 90065

Site 3 of 4 in cluster N

CA WIP S103652172
N/A

Relative: WIP:
Lower Name: CS IRON WORK
Actual: Address: 3155 San Fernando Rd
398 ft. City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.5565
File Status: Historical

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CS IRON WORK (Continued)

S103652172

Staff: UNIDENTIFIED
 Facility Suite: Not reported

N117
West
1/8-1/4
0.235 mi.
1243 ft.

3159 SAN FERNANDO RD
LOS ANGELES, CA
Site 4 of 4 in cluster N

CA UST **U004301947**
N/A

Relative:
Lower

LOS ANGELES UST:

Name: Not reported
 Address: 3159 SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA
 Facility ID: Not reported
 Last Run Date: 01/01/1900
 Status: HISTORICAL

118
ESE
1/8-1/4
0.242 mi.
1276 ft.

LA HOME FIELD OFFICE #1
3401 EAGLE ROCK BLVD
EAGLE ROCK, CA 90041

RCRA-SQG **1000243534**
FINDS **CAD981988249**
ECHO

Relative:
Higher

RCRA-SQG:

Date Form Received by Agency: 19870324
 Handler Name: LA HOME FIELD OFFICE #1
 Handler Address: 3401 EAGLE ROCK BLVD
 Handler City,State,Zip: EAGLE ROCK, CA 90041
 EPA ID: CAD981988249
 Contact Name: ENVIRONMENTAL MANAGER
 Contact Address: 3401 EAGLE ROCK BLVD
 Contact City,State,Zip: EAGLE ROCK, CA 90065
 Contact Telephone: 213-485-7527
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Other
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: CA
 State District: 3
 Mailing Address: 200 N MAIN RM EIGHTH HUNDREDCH
 Mailing City,State,Zip: LOS ANGELES, CA 90012
 Owner Name: CITY OF LOS ANGELES
 Owner Type: Municipal
 Operator Name: NOT REQUIRED
 Operator Type: Municipal
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LA HOME FIELD OFFICE #1 (Continued)

1000243534

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF LOS ANGELES
Legal Status:	Municipal
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LA HOME FIELD OFFICE #1 (Continued)

1000243534

Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19870324
Handler Name: LA HOME FIELD OFFICE #1
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

FINDS:

Registry ID: 110006475545

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LA HOME FIELD OFFICE #1 (Continued)

1000243534

corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000243534
 Registry ID: 110006475545
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006475545>
 Name: LA HOME FIELD OFFICE #1
 Address: 3401 EAGLE ROCK BLVD
 City,State,Zip: LOS ANGELES, CA 90065

**O119
 West
 1/4-1/2
 0.273 mi.
 1443 ft.**

**TRU CUT INC
 3221 SAN FERNANDO RD
 LOS ANGELES, CA 90065**

**CA CPS-SLIC S105940119
 CA EMI N/A
 CA CERS**

Site 1 of 3 in cluster O

**Relative:
 Lower**

CPS-SLIC:

Name: TRU-CUT, INC.
 Address: 3221 SAN FERNANDO ROAD
 City,State,Zip: LOS ANGELES, CA 90065
 Region: STATE
Facility Status: Open - Site Assessment
 Status Date: 06/25/2019
 Global Id: T10000011885
 Lead Agency: LOS ANGELES RWQCB (REGION 4)
 Lead Agency Case Number: Not reported
 Latitude: 34.1175
 Longitude: -118.24705
 Case Type: Cleanup Program Site
 Case Worker: NM
 Local Agency: Not reported
 RB Case Number: 112.5566
 File Location: Not reported
 Potential Media Affected: Not reported
 Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Tetrachloroethylene (PCE)
 Site History: Not reported

**Actual:
 402 ft.**

Click here to access the California GeoTracker records for this facility:

EMI:

Name: TRU CUT INC
 Address: 3221 SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA 90065
 Year: 1987
 County Code: 19
 Air Basin: SC
 Facility ID: 6670
 Air District Name: SC
 SIC Code: 2511
 Air District Name: SOUTH COAST AQMD
 Community Health Air Pollution Info System: Not reported
 Consolidated Emission Reporting Rule: Not reported
 Total Organic Hydrocarbon Gases Tons/Yr: 2
 Reactive Organic Gases Tons/Yr: 2
 Carbon Monoxide Emissions Tons/Yr: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRU CUT INC (Continued)

S105940119

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3599
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3599
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3599
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRU CUT INC (Continued)

S105940119

Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRU CUT INC (Continued)

S105940119

Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU-CUT, INC.
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3599
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2002
County Code: 19
Air Basin: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRU CUT INC (Continued)

S105940119

Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2003
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.194
Reactive Organic Gases Tons/Yr: 0.19
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRU CUT INC (Continued)

S105940119

Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 6670
Air District Name: SC
SIC Code: 3524
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .192
Reactive Organic Gases Tons/Yr: .1896768
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

CERS:

Name: TRU CUT INC.
Address: 3221 SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 438707
CERS ID: T10000011885
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROBERT RENY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 west 4th St. Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766600,

Name: TRU CUT INC
Address: 3221 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065-1414
Site ID: 500418
CERS ID: 110010475547
CERS Description: US EPA Air Emission Inventory System (EIS)

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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120
WSW
1/4-1/2
0.277 mi.
1462 ft.

Relative:
Lower

Actual:
388 ft.

VAN DE KAMPS HOLLAND BAKERS
2930 FLETCHER DRIVE
LOS ANGELES, CA 90065

RCRA-SQG
CA LUST
CA SWEEPS UST
CA HIST UST
CA FID UST
FINDS
ECHO
CA Cortese
CA EMI
CA HAZNET
CA HIST CORTESE
CA WIP
CA CERS
CA HWTS

RCRA-SQG:

Date Form Received by Agency:	19860409
Handler Name:	VAN DE KAMPS HOLLAND BAKERS
Handler Address:	2930 FLETCHER DRIVE
Handler City,State,Zip:	LOS ANGELES, CA 90065
EPA ID:	CAD981395072
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2930 FLETCHER DRIVE
Contact City,State,Zip:	LOS ANGELES, CA 90065
Contact Telephone:	213-255-0171
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4R
Mailing Address:	FLETCHER DRIVE
Mailing City,State,Zip:	LOS ANGELES, CA 90065
Owner Name:	PALM PROPERTIES
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000915
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PALM PROPERTIES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19860409
Handler Name: VAN DE KAMPS HOLLAND BAKERS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

LUST:

Name: VAN DE KAMP'S BAKERY
Address: 2930 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700192
Global Id: T0603700192
Latitude: 34.1144128
Longitude: -118.2464026
Status: Completed - Case Closed
Status Date: 12/10/1996
Case Worker: WIP
RB Case Number: 112.0163
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Global Id: T0603700192
Contact Type: Regional Board Caseworker
Contact Name: WELL INVESTIGATION PROGRAM
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: Not reported
Phone Number: Not reported

Global Id: T0603700192
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603700192
Action Type: Other
Date: 06/08/1990
Action: Leak Reported

LUST:

Global Id: T0603700192
Status: Open - Case Begin Date
Status Date: 06/08/1990

Global Id: T0603700192
Status: Open - Site Assessment
Status Date: 06/08/1990

Global Id: T0603700192
Status: Completed - Case Closed
Status Date: 12/10/1996

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 112.0163
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700192
W Global ID: Not reported
Staff: WIP
Local Agency: 19050
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Date Leak First Reported: 6/8/1990
Date Leak Record Entered: 6/22/1990
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 9/20/1996
Date the Case was Closed: 12/10/1996
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: OLD CASE #900650061
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 824.8550203020311545438765484
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 6/8/1990
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Yes
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: VAN DE KAMP'S BAKERY
RP Address: SAME AS ABOVE
Program: LUST
Lat/Long: 34.1140082 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:

Name: VAN DE KAMP'S HOLLAND DUTCH BA
Address: 2930 FLETCHER DR
City: LOS ANGELES
Status: Not reported
Comp Number: 192
Number: Not reported
Board Of Equalization: 44-011035
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000192-000001
Tank Status: Not reported
Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 5

Name: VAN DE KAMP'S HOLLAND DUTCH BA
Address: 2930 FLETCHER DR
City: LOS ANGELES
Status: Not reported
Comp Number: 192
Number: Not reported
Board Of Equalization: 44-011035
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000192-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: VAN DE KAMP'S HOLLAND DUTCH BA
Address: 2930 FLETCHER DR
City: LOS ANGELES
Status: Not reported
Comp Number: 192
Number: Not reported
Board Of Equalization: 44-011035
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-000192-000003
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: VAN DE KAMP'S HOLLAND DUTCH BA
Address: 2930 FLETCHER DR
City: LOS ANGELES
Status: Not reported
Comp Number: 192
Number: Not reported
Board Of Equalization: 44-011035
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

SWRCB Tank Id: 19-050-000192-000004
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:

Name: VAN DE KAMPS HOLLAND DUTCH BA
Address: 2930 FLETCHER DRIVE
City,State,Zip: LOS ANGELES, CA 90065
File Number: 0002851A
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002851A.pdf>
Region: STATE
Facility ID: 00000003509
Facility Type: Other
Other Type: WHOLESALE BAKERY
Contact Name: RONALD R HOWARD SUPV.
Telephone: 2132550171
Owner Name: VAN DE KAMP'S HOLLAND DUTCH BA
Owner Address: 2930 FLETCHER DRIVE
Owner City,St,Zip: LOS ANGELES, CA 90065
Total Tanks: 0005

Tank Num: 001
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 002
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 004
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00010000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 19002586
Regulated By: UTNKI
Regulated ID: 00003509
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132550171
Mail To: Not reported
Mailing Address: 2930 FLETCHER DR
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

FINDS:

Registry ID: 110002692630

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000110178
Registry ID: 110002692630
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002692630>
Name: VAN DE KAMPS HOLLAND BAKERS
Address: 2930 FLETCHER DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

City,State,Zip: LOS ANGELES, CA 90065

CORTESE:

Name: VAN DE KAMP'S BAKERY
Address: 2930 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603700192
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:

Name: VAN DE KAMPS HOLLAND-DUTCH BAK
Address: 2930 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 2691
Air District Name: SC
SIC Code: 2051
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 5
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Name: VAN DE KAMPS HOLLAND-DUTCH BAK
Address: 2930 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 2691

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Air District Name: SC
SIC Code: 2051
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:1

HAZNET:

Name: LACCD-VANDEKAMP INNOVATION CENTER
Address: 2930 FLETCHER DR
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900651407
Contact: DR. RICHARD ARVIZU
Telephone: 3239534000
Mailing Name: Not reported
Mailing Address: 770 WILSHIRE BLVD FL 6

Year: 2016
Gepaid: CAC002749301
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1

Year: 2013
Gepaid: CAC002749301
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.7

Additional Info:

Year: 2013
Gen EPA ID: CAC002749301

Shipment Date: 20131030
Creation Date: 4/7/2014 22:15:17
Receipt Date: 20131107
Manifest ID: 011409589JJK
Trans EPA ID: CAR000206086
Trans Name: NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: NVT330010000
Trans Name: US ECOLOGY INC
TSD Alt EPA ID: Not reported
TSD Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As
Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.7
Waste Quantity: 1400
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HIST CORTESE:

edr_fname: VAN DE KAMP'S BAKERY
edr_fadd1: 2930 FLETCHER
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 112.0163

edr_fname: CHEVRON STATION #9-0160
edr_fadd1: 2930 FLETCHER
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 2691

WIP:

Name: VAN DE KAMPS
Address: 3020 FLETCHER DR
City,State,Zip: LOS ANGELES, CA
Region: 4
File Number: 112.0163
File Status: Historical
Staff: MZAIDI
Facility Suite: Not reported

CERS:

Name: VAN DE KAMP'S BAKERY
Address: 2930 FLETCHER DR
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 228209
CERS ID: T0603700192
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VAN DE KAMPS HOLLAND BAKERS (Continued)

1000110178

Affiliation Zip: Not reported
 Affiliation Phone: ,
 Affiliation Type Desc: Regional Board Caseworker
 Entity Name: WELL INVESTIGATION PROGRAM - LOS ANGELES RWQCB (REGION 4)
 Entity Title: Not reported
 Affiliation Address: 320 W. 4TH ST., SUITE 200
 Affiliation City: LOS ANGELES
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

HWTS:

Name: LACCD-VANDEKAMP INNOVATION CENTER
 Address: 2930 FLETCHER DR
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900651407
 EPA ID: CAC002749301
 Inactive Date: 01/28/2014
 Create Date: 10/29/2013
 Last Act Date: 01/29/2014
 Mailing Name: Not reported
 Mailing Address: 770 WILSHIRE BLVD FL 6
 Mailing Address 2: Not reported
 Mailing City,State,Zip: LOS ANGELES, CA 900173719
 Owner Name: LOS ANGELES COMMUNITY COLLEGE DIST
 Owner Address: 770 WILSHIRE BLVD FL 6
 Owner Address 2: Not reported
 Owner City,State,Zip: LOS ANGELES, CA 900173719
 Contact Name: DR. RICHARD ARVIZU
 Contact Address: 2930 FLETCHER DR
 Contact Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900651407

O121
West
1/4-1/2
0.303 mi.
1602 ft.

SANTA MARIA AIRPORT
3200 SAN FERNANDO
LOS ANGELES, CA 90065
Site 2 of 3 in cluster O

CA HIST CORTESE S105024680
N/A

Relative:
Higher
Actual:
404 ft.

HIST CORTESE:
 edr_fname: Santa Maria Airport
 edr_fadd1: 3200 SAN FERNANDO
 City,State,Zip: LOS ANGELES, CA 90065
 Region: CORTESE
 Facility County Code: 19
 Reg By: LTNKA
 Reg Id: 3076

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O122 **FORMER AEROL CO.**
West **3235 SAN FERNANDO RD.**
1/4-1/2 **LOS ANGELES, CA 90065**
0.305 mi.
1612 ft. **Site 3 of 3 in cluster O**

CA CPS-SLIC **S103975114**
CA CERS **N/A**

Relative:
Higher
Actual:
405 ft.

CPS-SLIC:
Name: FORMER AEROL CO.
Address: 3235 SAN FERNANDO RD.
City,State,Zip: LOS ANGELES, CA 90065
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 11/14/2014
Global Id: SL0603728988
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1179157590694
Longitude: -118.246901035309
Case Type: Cleanup Program Site
Case Worker: NLA
Local Agency: Not reported
RB Case Number: 112.5574
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE)

Site History: Discharger has completed site assessment for VOCs and is presently conducting groundwater monitoring. Regional Board staff are reviewing site operations which indicate the discharger may have used heavy metals. Therefore, the discharger may be required to conduct a heavy metals site assessment investigation.

[Click here to access the California GeoTracker records for this facility:](#)

CERS:
Name: FORMER AEROL CO.
Address: 3235 SAN FERNANDO RD.
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 212989
CERS ID: SL0603728988
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: NICOLE ALKOV - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766677,

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

P123 **YESTER YEAR AUTOMOTIVE**
ESE **3426 VERDUGO RD**
1/4-1/2 **LOS ANGELES, CA 90065**
0.335 mi.
1770 ft. **Site 1 of 2 in cluster P**

CA LUST **S100878590**
CA Cortese **N/A**
CA CERS

Relative:
Lower
Actual:
399 ft.

Relative: LUST REG 4:
Lower Region: 4
 Regional Board: 04
Actual: County: Los Angeles
399 ft. Facility Id: 900650143
 Status: Case Closed
 Substance: Gasoline
 Substance Quantity: Not reported
 Local Case No: Not reported
 Case Type: Soil
 Abatement Method Used at the Site: Not reported
 Global ID: T0603701187
 W Global ID: Not reported
 Staff: UNK
 Local Agency: 19050
 Cross Street: 035 AVENUE
 Enforcement Type: Not reported
 Date Leak Discovered: Not reported
 Date Leak First Reported: 10/31/1989
 Date Leak Record Entered: 11/20/1989
 Date Confirmation Began: Not reported
 Date Leak Stopped: Not reported
 Date Case Last Changed on Database: 11/20/1989
 Date the Case was Closed: 7/24/1996
 How Leak Discovered: Not reported
 How Leak Stopped: Not reported
 Cause of Leak: Not reported
 Leak Source: Not reported
 Operator: OLD CASE #112089-02
 Water System: Not reported
 Well Name: Not reported
 Approx. Dist To Production Well (ft): 3855.0630484770162758392359738
 Source of Cleanup Funding: Not reported
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: 10/20/1989
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Enforcement Action Date: Not reported
 Historical Max MTBE Date: Not reported
 Hist Max MTBE Conc in Groundwater: Not reported
 Hist Max MTBE Conc in Soil: Not reported
 Significant Interim Remedial Action Taken: Not reported
 GW Qualifier: Not reported
 Soil Qualifier: Not reported
 Organization: Not reported
 Owner Contact: Not reported
 Responsible Party: ENSOTECH INCORPORATED
 RP Address: 7949 AJAY DRIVE, SUN VALLEY, 91352
 Program: LUST
 Lat/Long: 34.1138691 / -1
 Local Agency Staff: PEJ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YESTER YEAR AUTOMOTIVE (Continued)

S100878590

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

CORTESE:

Name: YESTER YEAR AUTOMOTIVE
Address: 3426 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603701187
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:

Name: YESTER YEAR AUTOMOTIVE
Address: 3426 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 243268
CERS ID: T0603701187
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YESTER YEAR AUTOMOTIVE (Continued)

S100878590

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

P124
ESE
1/4-1/2
0.335 mi.
1770 ft.

YESTER YEAR AUTOMOTIVE
3426 VERDUGO RD
LOS ANGELES, CA 90065

CA LUST **S103996489**
CA HIST CORTESE **N/A**

Site 2 of 2 in cluster P

Relative:
Lower

LUST:

Actual:
399 ft.

Name: YESTER YEAR AUTOMOTIVE
Address: 3426 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701187
Global Id: T0603701187
Latitude: 34.114309
Longitude: -118.234771
Status: Completed - Case Closed
Status Date: 07/24/1996
Case Worker: YR
RB Case Number: 900650143
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0603701187
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701187
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603701187
Action Type: Other
Date: 10/31/1989
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

YESTER YEAR AUTOMOTIVE (Continued)

S103996489

LUST:

Global Id: T0603701187
Status: Open - Case Begin Date
Status Date: 10/20/1989

Global Id: T0603701187
Status: Open - Remediation
Status Date: 10/20/1989

Global Id: T0603701187
Status: Completed - Case Closed
Status Date: 07/24/1996

HIST CORTESE:

edr_fname: YESTER YEAR AUTOMOTIVE
edr_fadd1: 3426 VERDUGO
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650143

125
SSW
1/4-1/2
0.345 mi.
1822 ft.

**LOS FELIZ CHARTER SCHOOL FOR THE ARTS
2709 MEDIA CENTER DRIVE
LOS ANGELES, CA 90065**

**CA ENVIROSTOR S110711838
CA SCH N/A
CA CERS**

**Relative:
Lower
Actual:
380 ft.**

ENVIROSTOR:

Name: LOS FELIZ CHARTER SCHOOL FOR THE ARTS
Address: 2709 MEDIA CENTER DRIVE
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 60000815
Status: Inactive - Needs Evaluation
Status Date: 12/05/2008
Site Code: 304588
Site Type: School Investigation
Site Type Detailed: School
Acres: 3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 43
Senate: 25
Special Program: EPA - Target Site Investigation
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.11070
Longitude: -118.2452
APN: 5594006020
Past Use: MANUFACTURING - CERAMICS
Potential COC: Arsenic Lead TPH-diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOS FELIZ CHARTER SCHOOL FOR THE ARTS (Continued)

S110711838

Confirmed COC: NONE SPECIFIED
Potential Description: UE
Alias Name: Los Angeles New Hope Foursquare Church (New Hope Chapel)
Alias Type: Alternate Name
Alias Name: 5594006020
Alias Type: APN
Alias Name: 304588
Alias Type: Project Code (Site Code)
Alias Name: 60000815
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/29/2008
Comments: Project placed on hold indefinitely

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/27/2008
Comments: Targeted Site Investigation Application accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/24/2008
Comments: View uploaded documents for New Hope West Soil Sampling Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Archive Search Report (ASR)
Completed Date: 09/24/2008
Comments: View uploaded documents for TSI Application

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/20/2010
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: LOS FELIZ CHARTER SCHOOL FOR THE ARTS
Address: 2709 MEDIA CENTER DRIVE
City,State,Zip: LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOS FELIZ CHARTER SCHOOL FOR THE ARTS (Continued)

S110711838

Facility ID: 60000815
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304588
Assembly: 43
Senate: 25
Special Program Status: EPA - Target Site Investigation
Status: Inactive - Needs Evaluation
Status Date: 12/05/2008
Restricted Use: NO
Funding: School District
Latitude: 34.11070
Longitude: -118.2452
APN: 5594006020
Past Use: MANUFACTURING - CERAMICS
Potential COC: Arsenic, Lead, TPH-diesel
Confirmed COC: NONE SPECIFIED
Potential Description: UE
Alias Name: Los Angeles New Hope Foursquare Church (New Hope Chapel)
Alias Type: Alternate Name
Alias Name: 5594006020
Alias Type: APN
Alias Name: 304588
Alias Type: Project Code (Site Code)
Alias Name: 60000815
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/29/2008
Comments: Project placed on hold indefinitely

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/27/2008
Comments: Targeted Site Investigation Application accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/24/2008
Comments: View uploaded documents for New Hope West Soil Sampling Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Archive Search Report (ASR)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOS FELIZ CHARTER SCHOOL FOR THE ARTS (Continued)

S110711838

Completed Date: 09/24/2008
Comments: View uploaded documents for TSI Application

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/20/2010
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:

Name: LOS FELIZ CHARTER SC
Address: 2709 MEDIA CENTER DRIVE
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 339498
CERS ID: 60000815
CERS Description: School Investigation

Affiliation:

Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Q126
SSW
1/4-1/2
0.363 mi.
1917 ft.

HUGHES MARKETS INC
2716 SAN FERNANDO RD
LOS ANGELES, CA 90065
Site 1 of 3 in cluster Q

CA LUST 1000240993
CA SWEEPS UST N/A
CA HIST UST
CA FID UST
CA HIST CORTESE
CA WIP

Relative:
Lower

LUST:

Actual:
377 ft.

Name: HUGHES MARKETS INC
Address: 2716 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701191
Global Id: T0603701191
Latitude: 34.110006
Longitude: -118.243363
Status: Completed - Case Closed
Status Date: 10/12/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

1000240993

Case Worker: EL
RB Case Number: 900650189
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0603701191
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701191
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603701191
Action Type: Other
Date: 05/04/1990
Action: Leak Reported

Global Id: T0603701191
Action Type: Other
Date: 05/02/1990
Action: Leak Stopped

Global Id: T0603701191
Action Type: Other
Date: 05/02/1990
Action: Leak Discovery

LUST:

Global Id: T0603701191
Status: Open - Case Begin Date
Status Date: 05/02/1990

Global Id: T0603701191
Status: Completed - Case Closed
Status Date: 10/12/1994

LUST REG 4:

Region: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

1000240993

Regional Board: 04
County: Los Angeles
Facility Id: 900650189
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603701191
W Global ID: Not reported
Staff: UNK
Local Agency: 19050
Cross Street: GLENDALE FWY
Enforcement Type: Not reported
Date Leak Discovered: 5/2/1990
Date Leak First Reported: 5/4/1990
Date Leak Record Entered: 5/1/1996
Date Confirmation Began: Not reported
Date Leak Stopped: 5/2/1990
Date Case Last Changed on Database: 10/12/1994
Date the Case was Closed: 10/12/1994
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: Overfill
Leak Source: Other Source
Operator: JARVIS, DON
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1759.6038823689289987193128408
Source of Cleanup Funding: Other Source
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: HUGHES MARKETS INC
RP Address: SAME AS ABOVE
Program: LUST
Lat/Long: 34.1095323 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: OLD CASE #960501-02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

1000240993

SWEEPS UST:

Name: HUGES MARKET INC
Address: 2716 SAN FERNANDO RD
City: LOS ANGELES
Status: Active
Comp Number: 10
Number: 1
Board Of Equalization: Not reported
Referral Date: 11-03-93
Action Date: 12-15-93
Created Date: 11-03-93
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

Name: HUGHES MAIN OFFICE AND WAREHOUSE
Address: 2716 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
File Number: 00026ED6
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026ED6.pdf>
Region: STATE
Facility ID: 00000000396
Facility Type: Other
Other Type: RETAIL FOOD
Contact Name: D. R. JARVIS
Telephone: 2132278211
Owner Name: HUGHES MARKETS INC.
Owner Address: 2716 SAN FERNANDO ROAD
Owner City,St,Zip: LOS ANGELES, CA 90065
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: 1978
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

1000240993

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00007350
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1974
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 5
Year Installed: Not reported
Tank Capacity: 00001600
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 19014126
Regulated By: UTNKA
Regulated ID: 00000396
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132278211
Mail To: Not reported
Mailing Address: 2716 SAN FERNANDO RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

edr_fname: HUGHES MARKETS INC
edr_fadd1: 2716 SAN FERNANDO
City,State,Zip: LOS ANGELES, CA 90062
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650189

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

1000240993

WIP:

Name: HUGHES CORPORATE
Address: 2716 San Fernando Rd
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.5643
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

Q127
SSW
1/4-1/2
0.363 mi.
1917 ft.

**HUGHES MARKETS INC
2716 SAN FERNANDO RD
LOS ANGELES, CA 90065**

**CA Cortese
CA HAZNET
CA CERS
CA HWTS**

**S112999047
N/A**

Site 2 of 3 in cluster Q

Relative:
Lower
Actual:
377 ft.

CORTESE:

Name: HUGHES MARKETS INC
Address: 2716 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603701191
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HAZNET:

Name: HUGHES MARKETS INC
Address: 2716 SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
Contact: --
Telephone: 8184566263
Mailing Name: Not reported
Mailing Address: 2716 SAN FERNANDO RD

Year: 1994
Gepaid: CAD007965536
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

Tons:	0.38
Year:	1994
Gepaid:	CAD007965536
TSD EPA ID:	CAD982484933
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	14.25
Year:	1994
Gepaid:	CAD007965536
TSD EPA ID:	CAT080011059
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	R01 - Recycler
Tons:	0.3127
Year:	1994
Gepaid:	CAD007965536
TSD EPA ID:	CAD067786749
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	92.708
Year:	1993
Gepaid:	CAD007965536
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	R01 - Recycler
Tons:	0.834
Year:	1993
Gepaid:	CAD007965536
TSD EPA ID:	CAT080011059
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	4.587
Year:	1992
Gepaid:	CAD007965536
TSD EPA ID:	NVT330010000
CA Waste Code:	261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method:	-
Tons:	0.2
Year:	1992
Gepaid:	CAD007965536
TSD EPA ID:	OHD981960123
CA Waste Code:	261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method:	-
Tons:	0.0319
Year:	1992
Gepaid:	CAD007965536
TSD EPA ID:	OHD981960123
CA Waste Code:	731 - Liquids with polychlorinated biphenyls >= 50 Mg./L
Disposal Method:	-
Tons:	3.1549

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

Year: 1992
Gepaid: CAD007965536
TSD EPA ID: CAT080011059
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 0.1251

[Click this hyperlink](#) while viewing on your computer to access
25 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 1994
Gen EPA ID: CAD007965536

Shipment Date: 19940909
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940909
Manifest ID: 93282766
Trans EPA ID: CAD000048934
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD067786749
Trans Name: Not reported
TSDF Alt EPA ID: CAD067786749
TSDF Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 33.712
Waste Quantity: 40
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940629
Creation Date: 10/10/1995 0:00:00
Receipt Date: 19940629
Manifest ID: 93282726
Trans EPA ID: CAD000048934
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD067786749
Trans Name: Not reported
TSDF Alt EPA ID: CAD067786749
TSDF Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
RCRA Code: Not reported
Meth Code: D80 - Disposal, Land Fill
Quantity Tons: 29.498
Waste Quantity: 35
Quantity Unit: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940427
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940427
Manifest ID:	93282624
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD067786749
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD067786749
TSDf Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	29.498
Waste Quantity:	35
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940330
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940330
Manifest ID:	93367353
Trans EPA ID:	CAD009466392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	D018
Meth Code:	R01 - Recycler
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940330
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940330

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

Manifest ID: 93367689
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982484933
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 8.5
Waste Quantity: 17000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940330
Creation Date: 10/5/1995 0:00:00
Receipt Date: 19940330
Manifest ID: 93367690
Trans EPA ID: CAD009466392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD982484933
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 512 - Other empty containers 30 gallons or more
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 5.75
Waste Quantity: 11500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940321
Creation Date: 10/5/1995 0:00:00
Receipt Date: 19940322
Manifest ID: 93113794
Trans EPA ID: CAD983641598
Trans Name: Not reported
Trans 2 EPA ID: CAT080011059
Trans 2 Name: Not reported
TSDf EPA ID: CAT080011059
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.3127
Waste Quantity: 75
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1993
Gen EPA ID: CAD007965536

Shipment Date: 19930319
Creation Date: 9/6/1995 0:00:00
Receipt Date: 19930322
Manifest ID: 92593278
Trans EPA ID: CAL922125668
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080013352
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.834
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19930204
Creation Date: 9/15/1995 0:00:00
Receipt Date: 19930205
Manifest ID: 92062527
Trans EPA ID: CAT080011059
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080011059
Trans Name: Not reported
TSDf Alt EPA ID: CAT080011059
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 4.587
Waste Quantity: 1100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: HUGHES MARKETS INC
Address: 2716 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 213310
CERS ID: T0603701191
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: HUGHES MARKETS INC
Address: 2716 SAN FERNANDO RD
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
EPA ID: CAD007965536
Inactive Date: 12/30/1992
Create Date: 04/10/1987
Last Act Date: 08/24/2001
Mailing Name: Not reported
Mailing Address: 2716 SAN FERNANDO RD
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900650000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: --
Contact Address: PER NORB PARSONEAULT 6/29/95
Contact Address 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HUGHES MARKETS INC (Continued)

S112999047

City,State,Zip: --, 99 --

R128
WNW
1/4-1/2
0.365 mi.
1925 ft.

NEWLOWE PROPERTIES
3332-3334, 3360-3380 SAN FERNANDO RD
LOS ANGELES, CA

CA CPS-SLIC **S106483948**
CA DEED **N/A**
CA CERS

Site 1 of 2 in cluster R

Relative:
Higher
Actual:
409 ft.

CPS-SLIC:
 Name: NEWLOWE PROPERTIES
 Address: 3332-3334, 3360-3380 SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA
 Region: STATE
Facility Status: Open - Remediation
 Status Date: 07/06/2015
 Global Id: SL204551609
 Lead Agency: LOS ANGELES RWQCB (REGION 4)
 Lead Agency Case Number: Not reported
 Latitude: 34.1177825253296
 Longitude: -118.250988721848
 Case Type: Cleanup Program Site
 Case Worker: CH
 Local Agency: Not reported
 RB Case Number: 0628
 File Location: Regional Board
 Potential Media Affected: Aquifer used for drinking water supply
 Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE)
 Site History: The site is comprised of 21 acres of land developed with eight buildings primarily used for commercial warehouse and retail purposes. Historically the site was used for furniture and automotive manufacturing from 1927 to 1965. Two (2) 10,000-gallon underground storage tanks (USTs) were used for the storage of gasoline and diesel fuel. A release from these USTs of petroleum hydrocarbons has impacted soil and groundwater. The USTs were closed and removed in 1990; however the formal closure letter was issued by the Regional Board on January 30, 1998. Soil samples collected in the area of the USTs indicated diesel and gasoline concentrations in the soil of up to 5,580 mg/kg and 18 mg/kg, respectively. Three (3) groundwater monitoring wells were installed in March 1992 to confirm whether groundwater had been impacted by the USTs release of petroleum hydrocarbons. Groundwater results indicated diesel and gasoline concentrations in underlying groundwater up to 9,000 a%g/L and 140 a%g/L, respectively. In connection with a proposed sale of the site, four (4) additional groundwater monitoring wells were installed to assess the lateral extent of the petroleum hydrocarbon plume in the underlying groundwater. Results indicated diesel, gasoline and several chlorinated hydrocarbons, predominately perchloroethylene (PCE) were present. Additional groundwater sample analyses collected from hydro punch borings indicated concentrations of PCE up to 17,000 a%g/L, trichloroethylene (TCE) concentrations up to 100 a%g/L, 1,1-dichloroethene (1,1-DCE) concentrations up to 94 a%g/L, methyl ethyl ketone (MEK) concentrations up to 51 a%g/L, and chloroform at concentrations up to 32 a%g/L. Other chlorinated hydrocarbons that were detected included trichlorofluoromethane (CFC-11), carbon disulfide, cis-1,2-dichloroethene (cis-1,2-DCE), methyl chloride, 1,1-dichloroethane (1,2-DCA), and carbon tetrachloride (CTC). Based on these results, a potential on-site source of these chlorinated hydrocarbons was identified as a former re-saw mill. Soil gas sample

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWLOWE PROPERTIES (Continued)

S106483948

analyses performed in conjunction with the aforementioned groundwater sample analyses in the area of the former re-saw mill indicated two distinct areas of chlorinated solvent contamination. Soil gas concentrations of PCE ranged from 100 to 530 a%g/L. The concentration of PCE in groundwater ranged from 1,000 to 17,000 a%g/L. On December 2, 1996, a Corrective Action Plan (CAP) was submitted with a recommendation that a remedial action plan be developed, which included the installation of a soil vapor extraction (SVE) system for the soil contamination and a pump and treat extraction (PTE) system for the groundwater. The CAP was approved and also included off-site groundwater assessment to assess the later extent of the chlorinated hydrocarbons plume. The SVE system and the PTE system were installed in July 1998 and start up of each system soon followed. A Prospective Purchaser Agreement (PPA) was implemented in August 1998 and a Cleanup and Abatement Order (CAO) No. 99-002 was issued on February 11, 1999. The SVE system was operated from July 1998 through January 2005 when the system was shut down because total system influent concentrations indicated the mass reduction of VOCs had reached asymptotic levels. The agreed upon cleanup level for the soil gas was to determine whether the mass reduction of VOCs had reached asymptotic levels at each individual SVE wellhead and not at the total system influent. However, a rebound test was conducted during the second half of 2003 and the first half of 2004 and as agreement was reached between the subject site and the Regional Board that confirmation soil samples could be collected and analyzed to evaluate the efficacy of the historical SVE operations and the possibility of indefinite system shutdown. Historical soil gas data has not been evaluated against the California Human Health Screening Levels (CHHSLs). The confirmation soil samples were collected and analyzed in November 2005 and confirmed the SVE system had adequately remediated on-site VOC-impacted soils. The total mass removed by the SVE system was approximately 571 pounds. The groundwater monitoring and sampling program began in July 1998 on a quarterly basis to monitor for VOCs. Beginning in March 2002 the program was revised to two (2) semi-annual events and groundwater sample results were evaluated against the agreed upon cleanup level of 100 a%g/L of total VOCs at a statistically number of wells. Presently eleven (11) monitoring wells are sampled and the most recent event, which was conducted from July to December 2006, indicated six (6) of the 11 monitoring wells total VOCs concentrations to be above the cleanup level. The cleanup objective for onsite groundwater treatment has not been met. Enhanced bioremediation is proposed to cleanup the existing onsite PCE plume. The Pilot Test Work Plan for bioremediation was approved in the Regional Board's lette dated July 6, 2015.

[Click here to access the California GeoTracker records for this facility:](#)

DEED:

Name: NEWLOWE PROPERTIES
Address: 3332-3334, 3360-3380 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA
Envirostor ID: SL204551609
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - REMEDIATION
Agency: SWRCB

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEWLOWE PROPERTIES (Continued)

S106483948

Covenant Uploaded: Y
Deed Date(s): 12/17/2012
File Name: Geotracker Land Use/Deed Restrictions

CERS:

Name: NEWLOWE PROPERTIES
Address: 3332-3334, 3360-3380 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA
Site ID: 204442
CERS ID: SL204551609
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CHRISTINA HUMPHREYS - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 West 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766697,

S129
WSW
1/4-1/2
0.369 mi.
1948 ft.

WESTERN DIE & PRINTING CORP
3109 CASITAS AVE
LOS ANGELES, CA 90039

CA ENVIROSTOR
CA HAZNET
CA HWTS

S100196699
N/A

Site 1 of 2 in cluster S

Relative:
Lower
Actual:
387 ft.

ENVIROSTOR:

Name: J F COCHRAN
Address: 3109 CASITAS AVENUE
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 19281174
Status: No Further Action
Status Date: 04/01/1985
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Harlan Jeché
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 24
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.11344
Longitude: -118.2483
APN: 5436001002
Past Use: MANUFACTURING - OTHER
Potential COC: NONE SPECIFIED No Contaminants found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIE & PRINTING CORP (Continued)

S100196699

Confirmed COC: 31000-NO
Potential Description: NMA
Alias Name: COCHRAN, J F
Alias Type: Alternate Name
Alias Name: 5436001002
Alias Type: APN
Alias Name: CAD067754523
Alias Type: EPA Identification Number
Alias Name: 19281174
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/19/1983
Comments: FACILITY IDENTIFIED ID FROM DRIVE-BYS IN VICINITY. FACILITY DRIVE-BY
ADJ TO RR TRACKS. DRUMS, CANS ADJ TO METAL SHACK. STAINS ON PAVEMENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1985
Comments: T/C W/ COCHRAN,213-663-2104,1/10/85- 1)SOURCE ACT: COSMETICS PROD
2)YR OF OPER: 1963 TO PRESENT SUBMIT TO EPA PRELIM ASSESS DONE CERCLA
104

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

Name: WESTERN DIE & PRINTING CORP
Address: 3109 CASITAS AVE
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90039
Contact: DANIEL TOOBIAN
Telephone: 3236650474
Mailing Name: Not reported
Mailing Address: 3109 CASITAS AVE

Year: 2018
Gepaid: CAL000417849
TSD EPA ID: ORQ000024781
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.19440

Year: 2017
Gepaid: CAL000417849
TSD EPA ID: ORQ000024781

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIE & PRINTING CORP (Continued)

S100196699

CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.1944

Year: 2016
Gepaid: CAL000417849
TSD EPA ID: ORQ000024781
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.1944

Additional Info:

Year: 2017
Gen EPA ID: CAL000417849

Shipment Date: 20170313
Creation Date: 6/20/2018 18:30:25
Receipt Date: 20170316
Manifest ID: 008828077FLE
Trans EPA ID: ORQ000024781
Trans Name: SQG SPECIALISTS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: ORQ000024781
Trans Name: SQG SPECIALISTS INC
TSD EPA ID: Not reported
TSD EPA Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: Not reported
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.1944
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:

Name: WESTERN DIE & PRINTING CORP
Address: 3109 CASITAS AVE
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90039
EPA ID: CAL000417849
Inactive Date: Not reported
Create Date: 06/08/2016
Last Act Date: 07/20/2020
Mailing Name: Not reported
Mailing Address: 3109 CASITAS AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 90039
Owner Name: WESTERN DIE AND PRINTING CORP
Owner Address: 3109 CASITAS AVE
Owner Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WESTERN DIE & PRINTING CORP (Continued)

S100196699

Owner City,State,Zip: LOS ANGELES, CA 90039
Contact Name: DANIEL TOOBIAN
Contact Address: 3109 CASITAS AVE
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90039
NAICS:
EPA ID: CAL000417849
Create Date: 2016-06-08 11:49:45.287
NAICS Code: 336399
NAICS Description: All Other Motor Vehicle Parts Manufacturing
Issued EPA ID Date: 2016-06-08 11:49:45.23700
Inactive Date: Not reported
Facility Name: WESTERN DIE & PRINTING CORP
Facility Address: 3109 CASITAS AVE
Facility Address 2: Not reported
Facility City: LOS ANGELES
Facility County: Not reported
Facility State: CA
Facility Zip: 90039

S130
WSW
1/4-1/2
0.369 mi.
1948 ft.

COCHRAN J F
3109 CASITAS AVE
LOS ANGELES, CA 90039

SEMS-ARCHIVE 1003878361
CAD067754523

Site 2 of 2 in cluster S

Relative:
Lower
Actual:
387 ft.

SEMS Archive:
Site ID: 0901530
EPA ID: CAD067754523
Name: COCHRAN J F
Address: 3109 CASITAS AVE
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90039
Cong District: 24
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0901530
EPA ID: CAD067754523
Site Name: COCHRAN J F
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1985-12-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0901530

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COCHRAN J F (Continued)

1003878361

EPA ID: CAD067754523
Site Name: COCHRAN J F
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1985-07-01 05:00:00
Finish Date: 1985-07-01 05:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0901530
EPA ID: CAD067754523
Site Name: COCHRAN J F
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1985-07-01 05:00:00
Finish Date: 1985-12-01 06:00:00
Qual: N
Current Action Lead: St Perf

Q131
South
1/4-1/2
0.381 mi.
2012 ft.

LA MEDIA TECHNOLOGY CENTER
2702-2712 SAN FERNANDO RD
LOS ANGELES, CA 90065

CA LUST S106517239
CA Cortese N/A
CA CERS

Site 3 of 3 in cluster Q

Relative:
Lower
Actual:
378 ft.

LUST:
Name: LA MEDIA TECHNOLOGY CENTER
Address: 2702-2712 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Lead Agency: LOS ANGELES, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603793070
Global Id: T0603793070
Latitude: 34.1100445
Longitude: -118.242823
Status: Completed - Case Closed
Status Date: 01/10/2000
Case Worker: EL
RB Case Number: 900650270
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603793070

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LA MEDIA TECHNOLOGY CENTER (Continued)

S106517239

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603793070
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603793070
Action Type: Other
Date: 01/07/2000
Action: Leak Reported

Global Id: T0603793070
Action Type: Other
Date: 01/03/2000
Action: Leak Stopped

Global Id: T0603793070
Action Type: Other
Date: 12/23/1999
Action: Leak Discovery

LUST:

Global Id: T0603793070
Status: Open - Case Begin Date
Status Date: 12/23/1999

Global Id: T0603793070
Status: Completed - Case Closed
Status Date: 01/10/2000

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900650270
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: No Action Required
Global ID: T0603793070
W Global ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LA MEDIA TECHNOLOGY CENTER (Continued)

S106517239

Staff: UNK
Local Agency: 19050
Cross Street: GLENDALE FWY
Enforcement Type: Not reported
Date Leak Discovered: 12/23/1999
Date Leak First Reported: 1/7/2000
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported
Date Leak Stopped: 1/3/2000
Date Case Last Changed on Database: 1/7/2000
Date the Case was Closed: 1/10/2000
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Not reported
Operator: MIKE CONWAY
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1813.0119771402943200124174879
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MIKE CONWAY
RP Address: 30 EXECUTIVE PARK #100, IRVINE, CA 92614-6741
Program: LUST
Lat/Long: 34.109714 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: PRESENT SITE ADDRESS FOR LA MEDIA IS 2050 N. SAN FERNANDO RD.

CORTESE:

Name: LA MEDIA TECHNOLOGY CENTER
Address: 2702-2712 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603793070
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LA MEDIA TECHNOLOGY CENTER (Continued)

S106517239

Site Code: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Owner: Not reported
 Enf Type: Not reported
 Swat R: Not reported
 Flag: active
 Order No: Not reported
 Waste Discharge System No: Not reported
 Effective Date: Not reported
 Region 2: Not reported
 WID Id: Not reported
 Solid Waste Id No: Not reported
 Waste Management Uit Name: Not reported
 File Name: Active Open

CERS:

Name: LA MEDIA TECHNOLOGY CENTER
 Address: 2702-2712 SAN FERNANDO RD
 City,State,Zip: LOS ANGELES, CA 90065
 Site ID: 205599
 CERS ID: T0603793070
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

T132
SSE
 1/4-1/2
 0.385 mi.
 2034 ft.

AMERICAN CONTRACTING
3271 EAGLE ROCK BLVD
LOS ANGELES, CA 90065
 Site 1 of 4 in cluster T

CA CPS-SLIC **S106484873**
CA WIP **N/A**
CA CERS

Relative:
Lower
Actual:
380 ft.

CPS-SLIC:
 Name: AMERICAN CONTRACTING
 Address: 3271 EAGLE ROCK BLVD.
 City,State,Zip: LOS ANGELES, CA 90065
 Region: STATE
Facility Status: **Completed - Case Closed**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN CONTRACTING (Continued)

S106484873

Status Date: 11/14/2014
Global Id: SL603799089
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.111653
Longitude: -118.236043
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 112.0139
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

WIP:

Name: AMERICAN CONTRACTING
Address: 3271 Eagle Rock Blvd
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.0139
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: AMERICAN CONTRACTING
Address: 3271 EAGLE ROCK BLVD.
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 211070
CERS ID: SL603799089
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

U133 BILT-WELL ROOFING
SE 3310 VERDUGO
1/4-1/2 LOS ANGELES, CA 90065
0.387 mi.
2045 ft. **Site 1 of 2 in cluster U**

CA LUST S103952700
CA ENF N/A
CA HIST CORTESE

Relative: LUST:
Lower Name: BILT-WELL ROOFING
Actual: Address: 3310 VERDUGO RD
390 ft. City,State,Zip: LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701197
Global Id: T0603701197
Latitude: 34.1118542
Longitude: -118.2358253
Status: Completed - Case Closed
Status Date: 01/27/2010
Case Worker: CET
RB Case Number: 900650252
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0603701197
Contact Type: Regional Board Caseworker
Contact Name: CHANDRA TYLER
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: cetyler@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701197
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 09/06/2002
Action: Staff Letter

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 08/25/2006
Action: Staff Letter

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603701197
Action Type: Other
Date: 11/09/1998
Action: Leak Reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2006
Action: Remedial Progress Report

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 01/14/2002
Action: 13267 Requirement

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 10/12/2005
Action: Staff Letter

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2006
Action: Interim Remedial Action Plan

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 05/13/2005
Action: Staff Letter

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 10/02/2008
Action: Staff Letter

Global Id: T0603701197
Action Type: Other
Date: 11/04/1998
Action: Leak Stopped

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 11/21/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 11/21/2005
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2005
Action: Remedial Progress Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2005
Action: Interim Remedial Action Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 07/14/2004
Action: Staff Letter

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: ENFORCEMENT
Date: 01/27/2010
Action: Closure/No Further Action Letter

Global Id: T0603701197
Action Type: Other
Date: 11/04/1998
Action: Leak Discovery

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 01/15/2007
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Global Id: T0603701197
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603701197
Action Type: RESPONSE
Date: 04/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603701197
Action Type: REMEDIATION
Date: 04/20/1999
Action: Excavation

Global Id: T0603701197
Action Type: REMEDIATION
Date: 12/04/2004
Action: Soil Vapor Extraction (SVE)

LUST:

Global Id: T0603701197
Status: Open - Case Begin Date
Status Date: 11/04/1998

Global Id: T0603701197
Status: Open - Site Assessment
Status Date: 11/09/1998

Global Id: T0603701197
Status: Open - Site Assessment
Status Date: 11/22/1999

Global Id: T0603701197
Status: Open - Site Assessment
Status Date: 11/27/2000

Global Id: T0603701197
Status: Open - Remediation
Status Date: 01/14/2002

Global Id: T0603701197
Status: Open - Site Assessment
Status Date: 09/06/2002

Global Id: T0603701197
Status: Open - Remediation
Status Date: 05/13/2005

Global Id: T0603701197
Status: Open - Remediation
Status Date: 06/17/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Global Id: T0603701197
Status: Open - Remediation
Status Date: 10/10/2006

Global Id: T0603701197
Status: Completed - Case Closed
Status Date: 01/27/2010

ENF:

Name: BILT-WELL ROOFING
Address: 3310 VERDUGO
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
Facility Id: 211526
Agency Name: Bilt-Well Roofing
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.111924
Place Longitude: -118.235946
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: UST
Program Category1: TANKS
Program Category2: TANKS
Of Programs: 1
WDID: 900650252
Reg Measure Id: 167373
Reg Measure Type: Unregulated
Region: 4
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S103952700

Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Never Active
Status Date: 02/20/2013
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 228698
Region: 4
Order / Resolution Number: NOV
Enforcement Action Type: Notice of Violation
Effective Date: 01/12/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 01/12/2001
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 900650252
Description: Notice of Violation sent 1/12/01 for deficient technical report.
Program: UST
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:

edr_fname: BILT-WELL ROOFING
edr_fadd1: 3310 VERDUGO
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900650252

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

U134 **BILT-WELL ROOFING**
SE **3310 VERDUGO RD**
1/4-1/2 **LOS ANGELES, CA 90065**
0.387 mi.
2045 ft. **Site 2 of 2 in cluster U**

CA LUST **S101587748**
CA SWEEPS UST **N/A**
CA FID UST
CA Cortese
CA CERS

Relative:
Lower
Actual:
390 ft.

Relative: LUST REG 4:
Lower Region: 4
 Regional Board: 04
Actual: County: Los Angeles
390 ft. Facility Id: 900650252
 Status: Pollution Characterization
 Substance: Gasoline
 Substance Quantity: Not reported
 Local Case No: Not reported
 Case Type: Groundwater
 Abatement Method Used at the Site: Not reported
 Global ID: T0603701197
 W Global ID: Not reported
 Staff: CEC
 Local Agency: 19050
 Cross Street: Not reported
 Enforcement Type: SEL
 Date Leak Discovered: 11/4/1998
 Date Leak First Reported: 11/9/1998
 Date Leak Record Entered: Not reported
 Date Confirmation Began: 11/9/1998
 Date Leak Stopped: 11/4/1998
 Date Case Last Changed on Database: 5/30/2002
 Date the Case was Closed: Not reported
 How Leak Discovered: Repair Tank
 How Leak Stopped: Not reported
 Cause of Leak: Not reported
 Leak Source: UNK
 Operator: Not reported
 Water System: Not reported
 Well Name: Not reported
 Approx. Dist To Production Well (ft): 3568.7147658971845801415853205
 Source of Cleanup Funding: UNK
 Preliminary Site Assessment Workplan Submitted: 11/22/1999
 Preliminary Site Assessment Began: 11/27/2000
 Pollution Characterization Began: 9/6/2002
 Remediation Plan Submitted: 1/14/2002
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Enforcement Action Date: Not reported
 Historical Max MTBE Date: 3/14/2003
 Hist Max MTBE Conc in Groundwater: 9.3
 Hist Max MTBE Conc in Soil: 1190
 Significant Interim Remedial Action Taken: Not reported
 GW Qualifier: =
 Soil Qualifier: Not reported
 Organization: Not reported
 Owner Contact: Not reported
 Responsible Party: STEVE RADENBAUGH
 RP Address: P.O. BOX 65827
 Program: LUST
 Lat/Long: 34.1118542 / -1
 Local Agency Staff: PEJ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S101587748

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: STAFF WILL REQUEST AN URF FROM THE RP.; 11/22/99 SOIL EXCAVATION REPORT; 11/24/99 WELL INSTALLATION WP & HEALTH AND SAFETY PLAN; 12/29/00 REVISED SITE MAP & HEALTH & SAFETY PLAN

SWEEPS UST:

Name: BILT-WELL ROOF & MATERIAL CO
Address: 3310 VERDUGO RD
City: LOS ANGELES
Status: Active
Comp Number: 5062
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-25-93
Action Date: 02-25-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 19055958
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2132542888
Mail To: Not reported
Mailing Address: 3310 VERDUGO RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900650000
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:

Name: BILT-WELL ROOFING
Address: 3310 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603701197

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILT-WELL ROOFING (Continued)

S101587748

Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:

Name: BILT-WELL ROOFING
Address: 3310 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 250758
CERS ID: T0603701197
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CHANDRA TYLER - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

135
South
1/4-1/2
0.389 mi.
2052 ft.

VALLEY PLATING
2640 SAN FERNANDO
LOS ANGELES, CA 90065

CA ENVIROSTOR
CA CPS-SLIC
CA EMI
CA ENF
CA HAZMAT
CA WIP

S105940285
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
380 ft.

Name: VALLEY PLATING WORKS, INC.
 Address: 2640 SAN FERNANDO ROAD
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: 71002213
 Status: Refer: Other Agency
 Status Date: Not reported
 Site Code: Not reported
 Site Type: Tiered Permit
 Site Type Detailed: Tiered Permit
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: NONE SPECIFIED
 Lead Agency: NONE SPECIFIED
 Program Manager: Not reported
 Supervisor: Not reported
 Division Branch: Cleanup Chatsworth
 Assembly: 39
 Senate: 18
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 34.29440
 Longitude: -118.4521
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD008371676
 Alias Type: EPA Identification Number
 Alias Name: 71002213
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
 Completed Sub Area Name: Not reported
 Completed Document Type: Not reported
 Completed Date: Not reported
 Comments: Not reported

 Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

CPS-SLIC:

Name: VALLEY PLATING
Address: 2640 SAN FERNANDO RD.
City,State,Zip: LOS ANGELES, CA 90065
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 09/16/2005
Global Id: SL603799098
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1105
Longitude: -118.242059
Case Type: Cleanup Program Site
Case Worker: LM
Local Agency: Not reported
RB Case Number: 112.5645
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

EMI:

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2001
County Code: 19
Air Basin: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2002
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2003
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.176
Reactive Organic Gases Tons/Yr: 0.07
Carbon Monoxide Emissions Tons/Yr: 1.13
NOX - Oxides of Nitrogen Tons/Yr: 1.35
SOX - Oxides of Sulphur Tons/Yr: 0.0081
Particulate Matter Tons/Yr: 0.136134
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.11

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0787
Reactive Organic Gases Tons/Yr: .03322714
Carbon Monoxide Emissions Tons/Yr: 1.2
NOX - Oxides of Nitrogen Tons/Yr: 1.43
SOX - Oxides of Sulphur Tons/Yr: .00859
Particulate Matter Tons/Yr: .13857
Part. Matter 10 Micrometers and Smlr Tons/Yr:.1146183

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .1539554713405968735
Reactive Organic Gases Tons/Yr: .065
Carbon Monoxide Emissions Tons/Yr: .99
NOX - Oxides of Nitrogen Tons/Yr: 1.179
SOX - Oxides of Sulphur Tons/Yr: .007
Particulate Matter Tons/Yr: .113
Part. Matter 10 Micrometers and Smlr Tons/Yr:.09437

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .1539554713405968735
Reactive Organic Gases Tons/Yr: .065
Carbon Monoxide Emissions Tons/Yr: .99
NOX - Oxides of Nitrogen Tons/Yr: 1.179
SOX - Oxides of Sulphur Tons/Yr: .007
Particulate Matter Tons/Yr: .113
Part. Matter 10 Micrometers and Smlr Tons/Yr:.09437

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2008
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .0947418285172903837
Reactive Organic Gases Tons/Yr: .04
Carbon Monoxide Emissions Tons/Yr: .52
NOX - Oxides of Nitrogen Tons/Yr: .89
SOX - Oxides of Sulphur Tons/Yr: .004851
Particulate Matter Tons/Yr: .0601015715
Part. Matter 10 Micrometers and Smlr Tons/Yr:.051919298585

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2009
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.3685457129322501E-2
Reactive Organic Gases Tons/Yr: 0.01
Carbon Monoxide Emissions Tons/Yr: 0.20999999999999999
NOX - Oxides of Nitrogen Tons/Yr: 8.9999999999999997E-2
SOX - Oxides of Sulphur Tons/Yr: 1.5299999999999999E-3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Particulate Matter Tons/Yr: 1.0044600000000001E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.010008474

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2010
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.0353623874940786
Reactive Organic Gases Tons/Yr: 1.4930000000000001E-2
Carbon Monoxide Emissions Tons/Yr: 0.22806000000000001
NOX - Oxides of Nitrogen Tons/Yr: 0.1086
SOX - Oxides of Sulphur Tons/Yr: 1.6199999999999999E-3
Particulate Matter Tons/Yr: 2.0799999999999999E-2
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.0662300000000001E-2

Name: VALLEY PLATING WORKS, INC
Address: 2640 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2011
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.13448602558
Reactive Organic Gases Tons/Yr: 0.05678
Carbon Monoxide Emissions Tons/Yr: 0.8673
NOX - Oxides of Nitrogen Tons/Yr: 0.25812
SOX - Oxides of Sulphur Tons/Yr: 0.00619
Particulate Matter Tons/Yr: 0.07929
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0786258

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2012
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.053529133112
Reactive Organic Gases Tons/Yr: 0.0226

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Carbon Monoxide Emissions Tons/Yr: 0.34524
NOX - Oxides of Nitrogen Tons/Yr: 0.15412
SOX - Oxides of Sulphur Tons/Yr: 0.00246
Particulate Matter Tons/Yr: 0.03125
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.0312338

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2018
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.016306818182
Reactive Organic Gases Tons/Yr: 0.007175
Carbon Monoxide Emissions Tons/Yr: 0.035875
NOX - Oxides of Nitrogen Tons/Yr: 0.0384375
SOX - Oxides of Sulphur Tons/Yr: 0.000615
Particulate Matter Tons/Yr: 0.24287295
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.233419407

Name: VALLEY PLATING WORKS, INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Year: 2019
County Code: 19
Air Basin: SC
Facility ID: 25304
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.058821818182
Reactive Organic Gases Tons/Yr: 0.0258816
Carbon Monoxide Emissions Tons/Yr: 0.129408
NOX - Oxides of Nitrogen Tons/Yr: 0.138652
SOX - Oxides of Sulphur Tons/Yr: 0.00221843
Particulate Matter Tons/Yr: 0.50978847
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.4903188532

ENF:

Name: VALLEY PLATING
Address: 2640 SAN FERNANDO
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
Facility Id: 270083
Agency Name: Valley Plating
Place Type: Facility
Place Subtype: Not reported
Facility Type: Not reported
Agency Type: Privately-Owned Business

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

# Of Agencies:	1
Place Latitude:	34.109046
Place Longitude:	-118.242024
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1125645
Reg Measure Id:	164595
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	226428

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALLEY PLATING (Continued)

S105940285

Region: 4
Order / Resolution Number: 13267 Letter
Enforcement Action Type: 13267 Letter
Effective Date: 11/09/2000
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 11/09/2000
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1125645
Description: Not reported
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

LOS ANGELES HM:

Name: VALLEY PLATING WORKS INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0038026
Last Run Date: 04/19/2021
Status: INACTIVE

Name: VALLEY PLATING WORKS INC
Address: 2701 SAN FERNANDO RD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: FA0038026
Last Run Date: 04/19/2021
Status: ACTIVE

WIP:

Name: VALLEY PLATING
Address: 2640 San Fernando Rd
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.5645
File Status: Active
Staff: MZAIDI
Facility Suite: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

136
 SW
 1/4-1/2
 0.391 mi.
 2066 ft.

POLLOCK WELL 06
LOS ANGELES, CA

CA PFAS S127520413
N/A

Relative:
Lower
Actual:
384 ft.

PFAS:

Name:	POLLOCK WELL 06
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	=
Value:	3.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	9/4/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.111926
Longitude:	-118.247651
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067
Name:	POLLOCK WELL 06
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	PFHPA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	9/4/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.111926
Longitude:	-118.247651
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067
Name:	POLLOCK WELL 06
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	=

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

Value: 2.8
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 9/4/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.111926
Longitude: -118.247651
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067

Name: POLLOCK WELL 06
Address: Not reported
City,State,Zip: LOS ANGELES, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910067
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910067-110
Matrix: Liquid
Chemical: PFNA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 9/4/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.111926
Longitude: -118.247651
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067

Name: POLLOCK WELL 06
Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	9/4/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.111926
Longitude:	-118.247651
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067
Name:	POLLOCK WELL 06
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	9/4/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.111926
Longitude:	-118.247651
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067
Name:	POLLOCK WELL 06
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	PFNDCA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	9/4/2019

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.111926
Longitude: -118.247651
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067

Name: POLLOCK WELL 06
Address: Not reported
City,State,Zip: LOS ANGELES, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910067
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910067-110
Matrix: Liquid
Chemical: PFDOA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 9/4/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.111926
Longitude: -118.247651
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067

Name: POLLOCK WELL 06
Address: Not reported
City,State,Zip: LOS ANGELES, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	<
Value:	2
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	9/4/2019
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.111926
Longitude:	-118.247651
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067
Name:	POLLOCK WELL 06
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0601910067
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1910067-110
Matrix:	Liquid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

Chemical: PFTEDA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 9/4/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.111926
Longitude: -118.247651
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067

Name: POLLOCK WELL 06
Address: Not reported
City,State,Zip: LOS ANGELES, CA
Envirostor ID: Not reported
Program Type: Not reported
Status: Not reported
Status Date: Not reported
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: W0601910067
Facility Region: Not reported
Lead Agency: Not reported
Case worker: Not reported
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Not reported
Potential Media Affected: Not reported
Site History: Not reported

Begin Date: Not reported
RB Case Number: Not reported
source_type: All PFAS Chemicals
Location ID: 1910067-110
Matrix: Liquid
Chemical: PFTRIDA
Qualifier: <
Value: 2
Reporting Limit: Not reported
Detection Limit: Not reported
Lab Notes: Not reported
Quarterly Running Annual Average: Not reported
Units: NG/L
Date: 9/4/2019
Field Pt Class: PUBW
Site Use: Drinking Water Wells
Site Type: DDW Well
Latitude: 34.111926
Longitude: -118.247651
Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0601910067

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLLOCK WELL 06 (Continued)

S127520413

[Click this hyperlink](#) while viewing on your computer to access 8 additional CA PFAS: record(s) in the EDR Site Report.

**R137
WNW
1/4-1/2
0.392 mi.
2071 ft.**

**NEWLOWE PROPERTIES
3370-3550 SAN FERNANDO
LOS ANGELES, CA 91342**

**CA CPS-SLIC S104404938
N/A**

Site 2 of 2 in cluster R

**Relative:
Higher**

SLIC REG 4:
Region: 4
Facility Status: Remediation
SLIC: 0628
Substance: TPH/V
Staff: SSH

**Actual:
413 ft.**

**T138
SE
1/4-1/2
0.398 mi.
2099 ft.**

**AMERICAN CONTRACTING SERVICES,
3271 VERDUGO RD
LOS ANGELES, CA 90065**

**CA CPS-SLIC U001562444
CA HIST UST N/A
CA ENF
CA CERS**

Site 2 of 4 in cluster T

**Relative:
Lower**

CPS-SLIC:
Name: AMERICAN CONTRACTING SERVICES
Address: 3271 VERDUGO RD.
City,State,Zip: LOS ANGELES, CA 90065
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/14/2014
Global Id: SL603799096
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.111547
Longitude: -118.23517
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 112.0858
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

**Actual:
385 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

HIST UST:

Name: AMERICAN CONTRACTING SERVICES,
Address: 3271 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 0000008041
Facility Type: Other
Other Type: ROOFING CONTRACTOR
Contact Name: CHUCK CIMAGLIA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN CONTRACTING SERVICES, (Continued)

U001562444

Telephone: 2137700155
Owner Name: AMERICAN CONTRACTING SERVICES,
Owner Address: 16519 SO. BROADWAY
Owner City,St,Zip: GARDENA, CA 90248
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00007365
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

ENF:

Name: AMERICAN CONTRACTING SERVICES
Address: 3271 VERDUGO
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
Facility Id: 207586
Agency Name: American Contracting Services
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.111014
Place Longitude: -118.236282
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: WIP
Program Category1: MONITORING
Program Category2: MONITORING
Of Programs: 1
WDID: 4WIP1120858
Reg Measure Id: 152797

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN CONTRACTING SERVICES, (Continued)

U001562444

Reg Measure Type: Unregulated
Region: 4
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Historical
Status Date: 06/17/2005
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 235156
Region: 4
Order / Resolution Number: UNKNOWN
Enforcement Action Type: Notice of Violation
Effective Date: 03/09/2001
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 03/09/2001
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1120858
Description: Notice of Violation sent 3/9/01 for overdue chemical use questionnaire.
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: AMERICAN CONTRACTING SERVICES
Address: 3271 VERDUGO
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
Facility Id: 207586
Agency Name: American Contracting Services
Place Type: Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN CONTRACTING SERVICES, (Continued)

U001562444

Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.111014
Place Longitude:	-118.236282
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1120858
Reg Measure Id:	152797
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN CONTRACTING SERVICES, (Continued)

U001562444

Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 221265
Region: 4
Order / Resolution Number: 13267 Letter
Enforcement Action Type: 13267 Letter
Effective Date: 12/15/2000
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/15/2000
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1120858
Description: Not reported
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

CERS:

Name: AMERICAN CONTRACTING SERVICES
Address: 3271 VERDUGO RD.
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 236645
CERS ID: SL603799096
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

139
WSW
1/4-1/2
0.418 mi.
2205 ft.

Relative:
Lower

Actual:
395 ft.

NELSON NAME PLATE CO
3191 CASITAS AVE
LOS ANGELES, CA 90039

SEMS 1000384996
CORRACTS CAD008329963
RCRA-SQG
CA ENVIROSTOR
CA CPS-SLIC
FINDS
ECHO
CA EMI
CA ENF
CA HAZNET
CA HWP
CA WIP
CA CERS
CA HWTS

SEMS:

Site ID: 0900309
 EPA ID: CAD008329963
 Name: NELSON NAME PLATE CO
 Address: 3191 CASITAS AVE
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 90039
 Cong District: 24
 FIPS Code: 06037
 Latitude: Not reported
 Longitude: Not reported
 FF: N
 NPL: Not on the NPL
 Non NPL Status: SI Start Needed

SEMS Detail:

Region: 09
 Site ID: 0900309
 EPA ID: CAD008329963
 Site Name: NELSON NAME PLATE CO
 NPL: N
 FF: N
 OU: 00
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1990-08-24 04:00:00
 Finish Date: 8/24/1990 4:00:00 AM
 Qual: Not reported
 Current Action Lead: EPA Perf

Region: 09
 Site ID: 0900309
 EPA ID: CAD008329963
 Site Name: NELSON NAME PLATE CO
 NPL: N
 FF: N
 OU: 00
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: Not reported
 Finish Date: 2/22/1991 5:00:00 AM
 Qual: D
 Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

CORRACTS:

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
Address 2: Not reported
EPA ID: CAD008329963
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-MEDIUM CA PRIORITY
Actual Date: 19910315
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
Address 2: Not reported
EPA ID: CAD008329963
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-MEDIUM CA PRIORITY
Actual Date: 19940919
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA-SQG:

Date Form Received by Agency: 19960901
Handler Name: NELSON NAME PLATE CO
Handler Address: 3191 CASITAS AVE
Handler City,State,Zip: LOS ANGELES, CA 90039
EPA ID: CAD008329963
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 3
Mailing Address: 3191 CASITAS AVE
Mailing City,State,Zip: LOS ANGELES, CA 90039
Owner Name: Not reported
Owner Type: Not reported
Operator Name: KEN SCHLUENZ
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	Medium
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20060905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:

Owner/Operator Name:

Owner

ED SIMPSON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3191 CASITAS AVE.
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90039
Owner/Operator Telephone:	213-663-3971
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN SCHLUENZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3191 CASITAS AVE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-663-3971
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN SCHLUENZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3191 CASITAS AVE
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	213-663-3971
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name:	NELSON NAME PLATE CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19960901
Handler Name:	NELSON NAME PLATE CO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19801007
Handler Name:	NELSON NAME PLATE CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19900413
Handler Name:	NELSON NAME PLATE CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19920227
Handler Name:	NELSON NAME PLATE CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19940328
Handler Name:	NELSON NAME PLATE CO
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960229

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Handler Name: NELSON NAME PLATE COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19990304
Handler Name: NELSON NAME PLATE CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20001012
Handler Name: NELSON NAME PLATE CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 323119
NAICS Description: OTHER COMMERCIAL PRINTING

NAICS Code: 326199
NAICS Description: ALL OTHER PLASTICS PRODUCT MANUFACTURING

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

NAICS Code: 33991
NAICS Description: JEWELRY AND SILVERWARE MANUFACTURING

NAICS Code: 33995
NAICS Description: SIGN MANUFACTURING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19890215
Actual Return to Compliance Date:	19890519
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890509
Enforcement Identifier:	005
Date of Enforcement Action:	19890404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19870526
Actual Return to Compliance Date:	19890519
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19870611
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

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NELSON NAME PLATE CO (Continued)

1000384996

Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19870422
Actual Return to Compliance Date: 19880309
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19870623
Enforcement Identifier: 001
Date of Enforcement Action: 19870526
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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NELSON NAME PLATE CO (Continued)

1000384996

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19890215
Actual Return to Compliance Date: 19890519
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19890509
Enforcement Identifier: 005
Date of Enforcement Action: 19890404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19870827
Actual Return to Compliance Date: 19880309
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19870623
Enforcement Identifier: 001
Date of Enforcement Action: 19870526
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940328
Actual Return to Compliance Date: 19940407
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19940409
Enforcement Identifier: 006
Date of Enforcement Action: 19940223
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 2400
Final Monetary Amount: 2400
Paid Amount: 2400
Final Count: 1
Final Amount: 2400

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NELSON NAME PLATE CO (Continued)

1000384996

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19940223
Actual Return to Compliance Date:	19940407
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940409
Enforcement Identifier:	006
Date of Enforcement Action:	19940223
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	2400
Final Monetary Amount:	2400
Paid Amount:	2400
Final Count:	1
Final Amount:	2400
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880205
Actual Return to Compliance Date:	19890519
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	003
Date of Enforcement Action:	19880224
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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NELSON NAME PLATE CO (Continued)

1000384996

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19890228
Actual Return to Compliance Date: 19890519
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 004
Date of Enforcement Action: 19890321
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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NELSON NAME PLATE CO (Continued)

1000384996

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19890215
Actual Return to Compliance Date:	19890519
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890509
Enforcement Identifier:	005
Date of Enforcement Action:	19890404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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NELSON NAME PLATE CO (Continued)

1000384996

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19870526
Actual Return to Compliance Date: 19890519
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 003
Date of Enforcement Action: 19880224
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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NELSON NAME PLATE CO (Continued)

1000384996

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 19870827
Actual Return to Compliance Date: 19880309
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19870623
Enforcement Identifier: 001
Date of Enforcement Action: 19870526
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Formal Enforcement Agreement or Order
Date Violation was Determined: 19870612
Actual Return to Compliance Date: 19880309
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19870623
Enforcement Identifier: 001
Date of Enforcement Action: 19870526
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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EDR ID Number
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NELSON NAME PLATE CO (Continued)

1000384996

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
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NELSON NAME PLATE CO (Continued)

1000384996

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19890215
Actual Return to Compliance Date: 19890519
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19890509
Enforcement Identifier: 005
Date of Enforcement Action: 19890404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19890215
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RRODR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890519
Scheduled Compliance Date: 19890509
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870526
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA

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NELSON NAME PLATE CO (Continued)

1000384996

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890519
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870422
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: RRODR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880309
Scheduled Compliance Date: 19870623
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19890215
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: RRODR
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890519
Scheduled Compliance Date: 19890509
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870827
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880309
Scheduled Compliance Date: 19870623
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19940223
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19940407
Scheduled Compliance Date: 19940409
Date of Request: Not reported
Date Response Received: Not reported

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EDR ID Number
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NELSON NAME PLATE CO (Continued)

1000384996

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940223
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940407
Scheduled Compliance Date:	19940409
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880205
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890228
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950510
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890215
Evaluation Responsible Agency:	State

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NELSON NAME PLATE CO (Continued)

1000384996

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RRODR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890519
Scheduled Compliance Date:	19890509
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870526
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890519
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870827
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880309
Scheduled Compliance Date:	19870623
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870612
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880309
Scheduled Compliance Date:	19870623
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940413
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890215
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	RRODR
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890519
Scheduled Compliance Date:	19890509
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	NELSON NAMEPLATE COMPANY
Address:	3191 CASITAS AVENUE
City,State,Zip:	LOS ANGELES, CA 90039
Facility ID:	71003640
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	43
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.11459
Longitude:	-118.2497
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008329963
Alias Type:	EPA Identification Number
Alias Name:	110000781985
Alias Type:	EPA (FRS #)
Alias Name:	71003640
Alias Type:	Envirostor ID Number

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 900390000
Facility ID: 80001559
Status: Refer: RWQCB
Status Date: 04/11/2016
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.11467
Longitude: -118.2498
APN: 5436001021
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 5436001021
Alias Type: APN
Alias Name: CAD008329963
Alias Type: EPA Identification Number
Alias Name: 110000781985
Alias Type: EPA (FRS #)
Alias Name: 80001559
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/15/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/11/2016
Comments: Case Transfer to Los Angeles Regional Water Quality Control Board

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 09/19/1994
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CPS-SLIC:

Name: NELSON NAMEPLATE CO.
Address: 3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 90039
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 10/30/2018
Global Id: SL603799086
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1146631156439
Longitude: -118.249896864101
Case Type: Cleanup Program Site
Case Worker: CH
Local Agency: Not reported
RB Case Number: 112.0078
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

FINDS:

Registry ID: 110000781985

[Click Here:](#)

Environmental Interest/Information System:

US EPA TRIS (Toxics Release Inventory System) contains information

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER
SUPERFUND (NON-NPL)

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000384996
Registry ID: 110000781985
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000781985>
Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 90039

EMI:

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 900390000
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 3993
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 50
Reactive Organic Gases Tons/Yr: 31
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 900390000
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 3993
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 80

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AV
City,State,Zip: LOS ANGELES, CA 900390000
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 3993
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 66
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AV
City,State,Zip: LOS ANGELES, CA 900390000
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 2759
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AV
City,State,Zip: LOS ANGELES, CA 900390000
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 2759
Air District Name: SOUTH COAST AQMD

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 13
Reactive Organic Gases Tons/Yr: 10
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AV
City,State,Zip: LOS ANGELES, CA 900390000
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 2759
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: NELSON NAME PLATE CO
Address: 3171-3191 CASITAS AV
City,State,Zip: LOS ANGELES, CA 900390000
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 5042
Air District Name: SC
SIC Code: 2759
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 14
Reactive Organic Gases Tons/Yr: 11
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

ENF:

Name: NELSON NAMEPLATE CO
Address: 3191 CASITAS AVENUE
City,State,Zip: LOS ANGELES, CA 90039
Region: 4
Facility Id: 244113
Agency Name: Nelson Nameplate Company

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.114673
Place Longitude:	-118.250256
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1120078
Reg Measure Id:	164288
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 235115
Region: 4
Order / Resolution Number: NOV
Enforcement Action Type: Notice of Violation
Effective Date: 12/15/2000
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 12/15/2000
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1120078
Description: Not reported
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: NELSON NAMEPLATE CO
Address: 3191 CASITAS AVENUE
City,State,Zip: LOS ANGELES, CA 90039
Region: 4
Facility Id: 244113
Agency Name: Nelson Nameplate Company
Place Type: Facility
Place Subtype: Not reported
Facility Type: Not reported
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.114673
Place Longitude: -118.250256
SIC Code 1: Not reported
SIC Desc 1: Not reported
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1120078
Reg Measure Id:	164288
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	235097
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	03/09/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/09/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV sent 3/9/01 for overdue chemical use questionnaire.- 4WIP1120078
Description:	NOV sent 3/9/01 for overdue chemical use questionnaire.
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HAZNET:

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
Address 2: Not reported
City, State, Zip: LOS ANGELES, CA 900390000
Contact: THOMAS CASSUTT
Telephone: 3236633971
Mailing Name: Not reported
Mailing Address: 2800 CASITAS AVE

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 33.712

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D99 - Disposal, Other
Tons: 25.284

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAD097030993
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: R01 - Recycler
Tons: 1.6

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAD097030993
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: R01 - Recycler
Tons: 0.4587

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 1.26

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAT080033681
CA Waste Code: 723 - Liquids with chromium (VI) >= 500 Mg./L
Disposal Method: R01 - Recycler
Tons: 7.506

Year: 1999
Gepaid: CAD008329963

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSD EPA ID: CAD008488025
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: T01 - Treatment, Tank
Tons: 5.0457

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAD008364432
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.19

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAD008364432
CA Waste Code: 461 - Paint sludge
Disposal Method: R01 - Recycler
Tons: 1.7

Year: 1999
Gepaid: CAD008329963
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 0.2293

[Click this hyperlink](#) while viewing on your computer to access
128 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 1998
Gen EPA ID: CAD008329963

Shipment Date: 19981208
Creation Date: 2/2/1999 0:00:00
Receipt Date: 19981208
Manifest ID: 98117773
Trans EPA ID: NJD986619328
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD008488025
Trans Name: Not reported
TSD EPA Alt ID: CAD008488025
TSD EPA Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 1.8348
Waste Quantity: 440
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Shipment Date: 19981119
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981119
Manifest ID: 98489298
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.84
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981119
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981119
Manifest ID: 98489298
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 461 - Paint sludge
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.45
Waste Quantity: 900
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981119
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981119
Manifest ID: 98489298
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981119
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981119
Manifest ID: 98489298
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981005
Creation Date: 1/5/1999 0:00:00
Receipt Date: 19981016
Manifest ID: 98280942
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CAT000613976
Trans Name: Not reported
TSDf Alt EPA ID: CAT000613976
TSDf Alt Name: Not reported
Waste Code Description: 541 - Photochemicals / photo processing waste
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.0208
Waste Quantity: 5
Quantity Unit: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980922
Creation Date:	11/19/1998 0:00:00
Receipt Date:	19980923
Manifest ID:	98117673
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008488025
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980908
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980908
Manifest ID:	98202122
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980908
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980908

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Manifest ID: 98202122
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980908
Creation Date: 11/2/1998 0:00:00
Receipt Date: 19980908
Manifest ID: 98202122
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD008329963

Shipment Date: 19951204
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951204
Manifest ID: 95867488
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.475
Waste Quantity:	950
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951204
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951204
Manifest ID:	95867488
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9072
Waste Quantity:	216
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951204
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951204
Manifest ID:	95867488
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1944
Waste Quantity:	54

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951204
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951204
Manifest ID:	95867488
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3888
Waste Quantity:	108
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951120
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951121
Manifest ID:	95730061
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951010
Creation Date:	7/26/1996 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Receipt Date:	19951010
Manifest ID:	95719710
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951004
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951004
Manifest ID:	95596145
Trans EPA ID:	CAD000628636
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D007
Meth Code:	R01 - Recycler
Quantity Tons:	10.5
Waste Quantity:	2500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950914
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950914
Manifest ID:	92657882
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.36
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950914
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950914
Manifest ID:	92657882
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950914
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950914
Manifest ID:	92657882
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1999
Gen EPA ID: CAD008329963

Shipment Date: 19991229
Creation Date: 3/7/2000 0:00:00
Receipt Date: 20000106
Manifest ID: 99101031
Trans EPA ID: CAL000827879
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: NVT330010000
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D007
Meth Code: D99 - Disposal, Other
Quantity Tons: 25.284
Waste Quantity: 30
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991228
Creation Date: 3/7/2000 0:00:00
Receipt Date: 20000105
Manifest ID: 99101032
Trans EPA ID: CAL931024038
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT080033681
Trans Name: Not reported
TSDf Alt EPA ID: CAT080033681
TSDf Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.2293
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991228

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000119
Manifest ID:	99101036
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	CAL000827879
Trans 2 Name:	Not reported
TSDf EPA ID:	NVT330010000
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99101033
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD097030993
TSDf Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991228
Creation Date:	4/4/2000 0:00:00
Receipt Date:	20000103
Manifest ID:	99101033
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	1.6
Waste Quantity:	3200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991217
Creation Date:	3/22/2000 0:00:00
Receipt Date:	20000119
Manifest ID:	99102931
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	CAL000827879
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	16.856
Waste Quantity:	20
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991026
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991026
Manifest ID:	99559979
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.47
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991026
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991026
Manifest ID: 99559979
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 461 - Paint sludge
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.75
Waste Quantity: 1500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19991026
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991026
Manifest ID: 99559979
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.36
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990817
Creation Date: 10/28/1999 0:00:00
Receipt Date: 19990817
Manifest ID: 98117769

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Trans EPA ID: NJD986619328
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: CAD008488025
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 1.3761
Waste Quantity: 330
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1997
Gen EPA ID: CAD008329963

Shipment Date: 19971231
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 97249512
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2251
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971231
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971231
Manifest ID: 97249512
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.6804
Waste Quantity: 162
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971231
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971231
Manifest ID: 97249512
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1944
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971231
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971231
Manifest ID: 97249512
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.3888
Waste Quantity: 108
Quantity Unit: G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971231
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971231
Manifest ID:	97249512
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971222
Creation Date:	3/18/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	96217976
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971110
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971111

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Manifest ID:	96719384
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971028
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	97253711
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.19
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971028
Creation Date:	4/23/1998 0:00:00
Receipt Date:	19971028
Manifest ID:	97253711
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Waste Code Description: 461 - Paint sludge
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.834
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971028
Creation Date: 4/23/1998 0:00:00
Receipt Date: 19971028
Manifest ID: 97253711
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.84
Waste Quantity: 200
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

Year: 1996
Gen EPA ID: CAD008329963

Shipment Date: 19961206
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19961212
Manifest ID: 96311192
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.9174
Waste Quantity: 220

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961204
Creation Date:	6/11/1997 0:00:00
Receipt Date:	Not reported
Manifest ID:	96423433
Trans EPA ID:	CAL000827813
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD981402522
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	D011
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961022
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961022
Manifest ID:	96310912
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008488025
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960926
Creation Date:	5/20/1997 0:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Receipt Date:	19960926
Manifest ID:	95783014
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960926
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960926
Manifest ID:	95783014
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.6804
Waste Quantity:	162
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960926
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960926
Manifest ID:	95783014
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.3888
Waste Quantity: 108
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960926
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960926
Manifest ID: 95783014
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1944
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960925
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960930
Manifest ID: 96326035
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960827
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960827
Manifest ID: 96129000
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19960801
Creation Date: 5/20/1997 0:00:00
Receipt Date: 19960801
Manifest ID: 95685403
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD008329963

Shipment Date: 19931229

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	92656337
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008364432
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	92656337
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported
TSDf Alt EPA ID:	CAD008364432
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	92656337
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSDF Alt EPA ID: CAD008364432
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.54
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931229
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931229
Manifest ID: 92656337
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: CAD008364432
TSDF Alt Name: Not reported
Waste Code Description: 461 - Paint sludge
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.025
Waste Quantity: 50
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931227
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931228
Manifest ID: 93061906
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008488025
Trans Name: Not reported
TSDF Alt EPA ID: CAD008488025
TSDF Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: R01 - Recycler
Quantity Tons: 0.9174
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931025
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93029876
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008488025
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 792 - Not reported
RCRA Code: D002
Meth Code: - Not reported
Quantity Tons: 1.1467
Waste Quantity: 275
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931019
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931019
Manifest ID: 92236026
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931019
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931019
Manifest ID: 92236026

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.54
Waste Quantity: 150
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931019
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931019
Manifest ID: 92236026
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2085
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931019
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931019
Manifest ID: 92236026
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 461 - Paint sludge

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CAD008329963

Shipment Date: 19941213
Creation Date: 10/19/1995 0:00:00
Receipt Date: 19941213
Manifest ID: 93007161
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: F002
Meth Code: T01 - Treatment, Tank
Quantity Tons: 0.417
Waste Quantity: 100
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941213
Creation Date: 10/19/1995 0:00:00
Receipt Date: 19941213
Manifest ID: 93007161
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1042
Waste Quantity: 25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941213
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941213
Manifest ID:	93007161
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941213
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941213
Manifest ID:	93007161
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.36
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941202
Creation Date:	3/28/1996 0:00:00

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Receipt Date:	19941206
Manifest ID:	93475621
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941020
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941020
Manifest ID:	93006342
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1944
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941020
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941020
Manifest ID:	93463343
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941020
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941020
Manifest ID:	93006342
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.6672
Waste Quantity:	160
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941020
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941020
Manifest ID:	93006342
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.3888
Waste Quantity:	108
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941020
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941020
Manifest ID: 93006342
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD008364432
Trans Name: Not reported
TSDf Alt EPA ID: CAD008364432
TSDf Alt Name: Not reported
Waste Code Description: 461 - Paint sludge
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWP:

EPA ID: CAD008329963
Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
Cleanup Status: CLOSED
Latitude: 34.11467
Longitude: -118.2498
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported
Senate District: 24
Assembly District: 43
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update:

Nelson Name Plate Co started operations in 1995. They were owned for a brief time by Bristol Corporation 1984-1987. Nelson submitted a Part A on 02/17/1981 and was granted Interim Status on 12/23/1981. Over the years, Nelson tried to request a variance but kept being denied. According to the Inspection Report dated 03/28/1994 Nelson even submitted a Permit By Rule notification. On 07/13/1994, the Department of Toxic Substances Control determined that Nelson was not a TSDf; this is further explained in the 09/1998 Phase 1 Environmental Assessment that states that Nelson is classified as a Hazardous Waste Generator and generates "non-RCRA hazardous waste".

Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: RCRA
Permit Effective Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Permit Expiration Date: Not reported
Calenviroscreen Score: 96-100% (highest scores)
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:

EPA ID: CAD008329963
Facility Type: Historical - Non-Operating
Facility Name: NELSON NAME PLATE CO
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: Not reported
Type: RCRA
Title Description: Permit
Due Date: Not reported
Comments: Not reported
Unit Names: Container Storage, WW Treatment
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 02/17/1981

Closure:

EPA ID: CAD008329963
Facility Type: Historical - Non-Operating
Facility Name: NELSON NAME PLATE CO
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Administrative
Final Date: Not reported
Type: RCRA
Title Description: Admin Close
Due Date: Not reported
Comments: Not reported
Unit Names: Container Storage, WW Treatment
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 02/01/2019

WIP:

Name: NULAB
Address: 3191 Casitas
City,State,Zip: LOS ANGELES, CA 90039
Region: 4
File Number: 112.0078
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

CERS:

Name: NELSON NAMEPLATE CO.
Address: 3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 90039
Site ID: 208343
CERS ID: SL603799086
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROBERT RENY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 west 4th St. Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766600,

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 900390000
Site ID: 202088
CERS ID: 80001559
CERS Description: Corrective Action

Affiliation:

Affiliation Type Desc: Facility Owner
Entity Name: NELSON NAME PLATE COMPANY
Entity Title: Not reported
Affiliation Address: 3191 CASTIAS AVE
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 900390000
Affiliation Phone: 2136633971,

Affiliation Type Desc: Facility Contact
Entity Name: THOMAS CASSUTT
Entity Title: Not reported
Affiliation Address: INACTIVE PER VQ00 - BMI
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 900392410
Affiliation Phone: 3236633971,

Affiliation Type Desc: Supervisor
Entity Name: * Unknown
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
City,State,Zip: LOS ANGELES, CA 900390000
Site ID: 202088
CERS ID: CAD008329963
CERS Description: Hazardous Waste

Affiliation:

Affiliation Type Desc: Facility Owner
Entity Name: NELSON NAME PLATE COMPANY
Entity Title: Not reported
Affiliation Address: 3191 CASTIAS AVE
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 900390000
Affiliation Phone: 2136633971,

Affiliation Type Desc: Facility Contact
Entity Name: THOMAS CASSUTT
Entity Title: Not reported
Affiliation Address: INACTIVE PER VQ00 - BMI
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 900392410
Affiliation Phone: 3236633971,

Affiliation Type Desc: Supervisor
Entity Name: * Unknown
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:

Name: NELSON NAME PLATE CO
Address: 3191 CASITAS AVE
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900390000
EPA ID: CAD008329963
Inactive Date: 06/30/2000
Create Date: 07/23/1982
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: 2800 CASITAS AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900392942
Owner Name: NELSON NAME PLATE COMPANY
Owner Address: 3191 CASTIAS AVE
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 900390000
Contact Name: THOMAS CASSUTT

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NELSON NAME PLATE CO (Continued)

1000384996

Contact Address: INACTIVE PER VQ00 - BMI
 Contact Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900392410

V140
WNW
 1/4-1/2
 0.425 mi.
 2244 ft.

AVIS ROTO-DIE INC
3040 TREADWELL ST
LOS ANGELES, CA 90065

CA CPS-SLIC
CA HAZNET
CA CERS
CA HWTS

S113093528
N/A

Site 1 of 2 in cluster V

Relative:
Higher
Actual:
424 ft.

CPS-SLIC:
 Name: AVIS ROTO-DIE
 Address: 3040 TREADWELL STREET
 City,State,Zip: LOS ANGELES, CA 90065
 Region: STATE
Facility Status: Completed - Case Closed
 Status Date: 11/12/2018
 Global Id: T10000011024
 Lead Agency: LOS ANGELES RWQCB (REGION 4)
 Lead Agency Case Number: Not reported
 Latitude: 34.1199
 Longitude: -118.24889
 Case Type: Cleanup Program Site
 Case Worker: RR
 Local Agency: Not reported
 RB Case Number: 1403
 File Location: Not reported
 Potential Media Affected: Not reported
 Potential Contaminants of Concern: Tetrachloroethylene (PCE), Chromium VI
 Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HAZNET:

Name: AVIS ROTO-DIE INC
 Address: 3040 TREADWELL ST
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900650000
 Contact: SHAY LEE-ACTING CONTROLLER
 Telephone: 3232557070
 Mailing Name: Not reported
 Mailing Address: 3040 TREADWELL ST

Year: 1999
 Gepaid: CAL000177185
 TSD EPA ID: CAT000613935
 CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent

Disposal Method: H01 - Transfer Station
 Tons: 0.7266

Year: 1999
 Gepaid: CAL000177185
 TSD EPA ID: CAT000613893
 CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent

Disposal Method: H01 - Transfer Station

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIS ROTO-DIE INC (Continued)

S113093528

Tons: 0.1722

Year: 1998
Gepaid: CAL000177185
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.3444

Year: 1998
Gepaid: CAL000177185
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: -
Tons: 0.0546

Year: 1997
Gepaid: CAL000177185
TSD EPA ID: CAD099452708
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: R01 - Recycler
Tons: 0.924

Additional Info:

Year: 1998
Gen EPA ID: CAL000177185

Shipment Date: 19981222
Creation Date: 2/26/1999 0:00:00
Receipt Date: 19981229
Manifest ID: 98621076
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSD EPA ID: CAT000613893
Trans Name: Not reported
TSD Alt EPA ID: CAT000613893
TSD Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1722
Waste Quantity: 41
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981123
Creation Date: 1/13/1999 0:00:00
Receipt Date: 19981124

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIS ROTO-DIE INC (Continued)

S113093528

Manifest ID: 98325333
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CAT000613893
Trans Name: Not reported
TSDf Alt EPA ID: CAT000613893
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1722
Waste Quantity: 41
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19980901
Creation Date: 11/2/1998 0:00:00
Receipt Date: Not reported
Manifest ID: 98277850
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000613893
Trans Name: Not reported
TSDf Alt EPA ID: CAT000613893
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D006
Meth Code: - Not reported
Quantity Tons: 0.0546
Waste Quantity: 13
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAL000177185

Shipment Date: 19990607
Creation Date: 8/16/1999 0:00:00
Receipt Date: 19990607
Manifest ID: 99224521
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIS ROTO-DIE INC (Continued)

S113093528

TSDF EPA ID: CAT000613935
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2058
Waste Quantity: 49
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990512
Creation Date: 7/13/1999 0:00:00
Receipt Date: 19990512
Manifest ID: 99001655
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2478
Waste Quantity: 59
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990315
Creation Date: 5/17/1999 0:00:00
Receipt Date: 19990315
Manifest ID: 98871918
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613935
Trans Name: Not reported
TSDF Alt EPA ID: CAT000613935
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1218
Waste Quantity: 29

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIS ROTO-DIE INC (Continued)

S113093528

Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990216
Creation Date: 4/20/1999 0:00:00
Receipt Date: 19990216
Manifest ID: 98859526
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAT000613935
Trans Name: Not reported
TSDf Alt EPA ID: CAT000613935
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1512
Waste Quantity: 36
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19990119
Creation Date: 3/15/1999 0:00:00
Receipt Date: 19990121
Manifest ID: 98631859
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
Trans 2 Name: Not reported
TSDf EPA ID: CAT000613893
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.1722
Waste Quantity: 41
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AVIS ROTO-DIE INC (Continued)

S113093528

Gen EPA ID: CAL000177185
Shipment Date: 19970522
Creation Date: 7/17/1997 0:00:00
Receipt Date: 19970522
Manifest ID: 96525417
Trans EPA ID: CAL000027490
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDf EPA ID: CAD099452708
Trans Name: Not reported
TSDf Alt EPA ID: Not reported
TSDf Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.924
Waste Quantity: 220
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:

Name: AVIS ROTO-DIE
Address: 3040 TREADWELL STREET
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 427594
CERS ID: T10000011024
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROBERT RENY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 west 4th St. Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766600,

HWTS:

Name: AVIS ROTO-DIE INC
Address: 3040 TREADWELL ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 900650000
EPA ID: CAL000177185
Inactive Date: 06/30/2009
Create Date: 08/29/1995
Last Act Date: 04/13/2010
Mailing Name: Not reported
Mailing Address: 3040 TREADWELL ST

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AVIS ROTO-DIE INC (Continued)

S113093528

Mailing Address 2: Not reported
 Mailing City,State,Zip: LOS ANGELES, CA 900651423
 Owner Name: AVIS ROTO-DIE INC
 Owner Address: 3040 TREADWELL ST
 Owner Address 2: Not reported
 Owner City,State,Zip: LOS ANGELES, CA 900651423
 Contact Name: SHAY LEE-ACTING CONTROLLER
 Contact Address: 3040 TREADWELL ST
 Contact Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 900651423

NAICS:

EPA ID: CAL000177185
 Create Date: 2002-03-14 16:36:28.000
 NAICS Code: 332212
 NAICS Description: Hand and Edge Tool Manufacturing
 Issued EPA ID Date: 1995-08-29 00:00:00
 Inactive Date: 2009-06-30 00:00:00
 Facility Name: AVIS ROTO-DIE INC
 Facility Address: 3040 TREADWELL ST
 Facility Address 2: Not reported
 Facility City: LOS ANGELES
 Facility County: Not reported
 Facility State: CA
 Facility Zip: 900650000

T141
SSE
1/4-1/2
0.431 mi.
2277 ft.

CALIFORNIA PAVING & GRADING
3253 VERDUGO RD
LOS ANGELES, CA 90065
Site 3 of 4 in cluster T

CA LUST U001562447
CA HIST UST N/A

Relative:
Lower
Actual:
386 ft.

LUST:
 Name: CALIFORNIA PAVING & GRADING
 Address: 3253 VERDUGO RD
 City,State,Zip: LOS ANGELES, CA 90065
 Lead Agency: LOS ANGELES RWQCB (REGION 4)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603731926
 Global Id: T0603731926
 Latitude: 34.110848
 Longitude: -118.236486
 Status: Completed - Case Closed
 Status Date: 07/21/2009
 Case Worker: JW
 RB Case Number: 900650307
 Local Agency: LOS ANGELES, CITY OF
 File Location: Regional Board
 Local Case Number: Not reported
 Potential Media Affect: Soil
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:
 Global Id: T0603731926
 Contact Type: Regional Board Caseworker
 Contact Name: JIMMIE WOO
 Organization Name: LOS ANGELES RWQCB (REGION 4)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

U001562447

Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: jwoo@waterboards.ca.gov
Phone Number: 2135766600

Global Id: T0603731926
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 06/23/2009
Action: Site Visit / Inspection / Sampling

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 07/20/2009
Action: Closure/No Further Action Letter

Global Id: T0603731926
Action Type: Other
Date: 03/13/2002
Action: Leak Reported

Global Id: T0603731926
Action Type: RESPONSE
Date: 01/15/2009
Action: Conceptual Site Model

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 01/14/2005
Action: Staff Letter

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 03/25/2005
Action: Notice of Violation

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603731926
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

U001562447

Date: 04/15/2009
Action: Conceptual Site Model

Global Id: T0603731926
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603731926
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603731926
Action Type: RESPONSE
Date: 07/12/2002
Action: Preliminary Site Assessment Workplan

Global Id: T0603731926
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603731926
Action Type: RESPONSE
Date: 04/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 08/02/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 07/11/2003
Action: Staff Letter

Global Id: T0603731926
Action Type: RESPONSE
Date: 12/11/2008
Action: Request for Closure

Global Id: T0603731926
Action Type: RESPONSE
Date: 07/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603731926
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603731926
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

U001562447

Global Id: T0603731926
Action Type: RESPONSE
Date: 10/15/2008
Action: Conceptual Site Model

Global Id: T0603731926
Action Type: RESPONSE
Date: 02/15/2005
Action: Well Installation Report

Global Id: T0603731926
Action Type: RESPONSE
Date: 10/15/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603731926
Action Type: ENFORCEMENT
Date: 03/05/2003
Action: 13267 Requirement

Global Id: T0603731926
Action Type: Other
Date: 03/12/1999
Action: Leak Discovery

Global Id: T0603731926
Action Type: RESPONSE
Date: 07/12/2002
Action: Other Report / Document

Global Id: T0603731926
Action Type: RESPONSE
Date: 02/15/2005
Action: Conceptual Site Model

Global Id: T0603731926
Action Type: RESPONSE
Date: 10/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603731926
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Workplan

Global Id: T0603731926
Action Type: RESPONSE
Date: 07/15/2003
Action: Interim Remedial Action Plan

Global Id: T0603731926
Action Type: RESPONSE
Date: 02/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603731926
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

U001562447

Date: 01/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603731926
Action Type: REMEDIATION
Date: 04/06/2006
Action: Excavation

LUST:

Global Id: T0603731926
Status: Open - Case Begin Date
Status Date: 03/12/1999

Global Id: T0603731926
Status: Open - Site Assessment
Status Date: 03/12/1999

Global Id: T0603731926
Status: Open - Site Assessment
Status Date: 02/25/2002

Global Id: T0603731926
Status: Open - Site Assessment
Status Date: 08/14/2002

Global Id: T0603731926
Status: Open - Site Assessment
Status Date: 05/30/2003

Global Id: T0603731926
Status: Open - Remediation
Status Date: 03/24/2005

Global Id: T0603731926
Status: Completed - Case Closed
Status Date: 07/20/2009

Global Id: T0603731926
Status: Completed - Case Closed
Status Date: 07/21/2009

HIST UST:

Name: CALIFORNIA PAVING & GRADING CO
Address: 3253 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000034129
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: 8182474216
Owner Name: CALIFORNIA PAVING & GRADING CO
Owner Address: 3253 VERDUGA ROAD

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

U001562447

Owner City,St,Zip: LOS ANGELES, CA 90065
 Total Tanks: 0001

 Tank Num: 001
 Container Num: 1
 Year Installed: Not reported
 Tank Capacity: 00002000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Container Construction Thickness: 3/16"
 Leak Detection: None

T142
SSE
1/4-1/2
0.431 mi.
2277 ft.

CALIFORNIA PAVING & GRADING
3253 VERDUGO RD
LOS ANGELES, CA 90065

CA LUST **S106174855**
CA Cortese **N/A**
CA CERS

Site 4 of 4 in cluster T

Relative:
Lower

Actual:
386 ft.

LUST REG 4:
 Region: 4
 Regional Board: 04
 County: Los Angeles
 Facility Id: 900650307
 Status: Preliminary site assessment workplan submitted
 Substance: Gasoline
 Substance Quantity: Not reported
 Local Case No: Not reported
 Case Type: Soil
 Abatement Method Used at the Site: Not reported
 Global ID: T0603731926
 W Global ID: Not reported
 Staff: JW
 Local Agency: 19050
 Cross Street: WEST AVE 35
 Enforcement Type: SEL
 Date Leak Discovered: 3/12/1999
 Date Leak First Reported: 3/13/2002
 Date Leak Record Entered: Not reported
 Date Confirmation Began: 3/12/1999
 Date Leak Stopped: Not reported
 Date Case Last Changed on Database: 8/8/2002
 Date the Case was Closed: Not reported
 How Leak Discovered: OM
 How Leak Stopped: Close Tank
 Cause of Leak: Not reported
 Leak Source: Not reported
 Operator: Not reported
 Water System: Not reported
 Well Name: Not reported
 Approx. Dist To Production Well (ft): 4066.6737733250672508392670085
 Source of Cleanup Funding: Not reported
 Preliminary Site Assessment Workplan Submitted: 8/14/2002
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: 3/13/2002
 Enforcement Action Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

S106174855

Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: DENNIS FOSTER
RP Address: 3253 VERDUGO RD
Program: LUST
Lat/Long: 34.110848 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: LA CITY FD.REFERRED CASE TO LARWQCB 3/6/02

CORTESE:

Name: CALIFORNIA PAVING & GRADING
Address: 3253 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0603731926
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:

Name: CALIFORNIA PAVING & GRADING
Address: 3253 VERDUGO RD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 235590
CERS ID: T0603731926
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JIMMIE WOO - LOS ANGELES RWQCB (REGION 4)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA PAVING & GRADING (Continued)

S106174855

Entity Title: Not reported
 Affiliation Address: 320 WEST 4TH STREET, SUITE 200
 Affiliation City: LOS ANGELES
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: 2135766600,

 Affiliation Type Desc: Local Agency Caseworker
 Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
 Entity Title: Not reported
 Affiliation Address: 200 North Main Street, Suite 1780
 Affiliation City: LOS ANGELES
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

V143
WNW
1/4-1/2
0.444 mi.
2342 ft.

MY LIFE AS AN EXPERIMENT
3061 TREADWELL ST
LOS ANGELES, CA 90065

RCRA NonGen / NLR 1000205721
CA HIST CORTESE CAD030387898

Site 2 of 2 in cluster V

Relative:
Higher
Actual:
426 ft.

RCRA NonGen / NLR: 20110825
 Date Form Received by Agency: 20110825
 Handler Name: MY LIFE AS AN EXPERIMENT
 Handler Address: 3061 TREADWELL ST
 Handler City,State,Zip: LOS ANGELES, CA 90065
 EPA ID: CAD030387898
 Contact Name: CAROL REYNOLDS
 Contact Address: 10202 W WASHINGTON BLVD
 Contact City,State,Zip: CULVER CITY, CA 90232-3195
 Contact Telephone: 310-244-8866
 Contact Fax: 310-244-2345
 Contact Email: CAROL_REYNOLDS@SPE.SONY.COM
 Contact Title: MGR ENV AFFAIRS
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: 10202 W WASHINGTON BLVD
 Mailing City,State,Zip: CULVER CITY, CA 90232-3195
 Owner Name: FOREST LAWN MORTURARY
 Owner Type: Private
 Operator Name: MY LIFE AS AN EXPERIMENT
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MY LIFE AS AN EXPERIMENT (Continued)

1000205721

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110901
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MY LIFE AS AN EXPERIMENT (Continued)

1000205721

Waste Description: METHYL ETHYL KETONE

Waste Code: F003

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MY LIFE AS AN EXPERIMENT
Legal Status:	Private
Date Became Current:	20110309
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FOREST LAWN MORTURARY
Legal Status:	Private
Date Became Current:	19730101
Date Ended Current:	Not reported
Owner/Operator Address:	3520 CADILLAC AVE
Owner/Operator City,State,Zip:	COSTA MESA, CA 92326
Owner/Operator Telephone:	714-751-2787
Owner/Operator Telephone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MY LIFE AS AN EXPERIMENT (Continued)

1000205721

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: FOREST LAWN MORTURARY
Legal Status: Private
Date Became Current: 19730101
Date Ended Current: Not reported
Owner/Operator Address: 3520 CADILLAC AVE
Owner/Operator City,State,Zip: COSTA MESA, CA 92326
Owner/Operator Telephone: 714-751-2787
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: KETEMA INCORPORATED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MY LIFE AS AN EXPERIMENT
Legal Status: Private
Date Became Current: 20110309
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: KETEMA ALUMINUM EXTRUSION DIVISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MY LIFE AS AN EXPERIMENT (Continued)

1000205721

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960901
Handler Name: KETEMA ALUMINUM EXTRUSION DIVISION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: KETEMA ALUMINUM EXTRUSION DIVISION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110317
Handler Name: MY LIFE AS AN EXPERIMENT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110825
Handler Name: MY LIFE AS AN EXPERIMENT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MY LIFE AS AN EXPERIMENT (Continued)

1000205721

Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 51211
 NAICS Description: MOTION PICTURE AND VIDEO PRODUCTION

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

HIST CORTESE:

edr_fname: SB City Community Golf Co
 edr_fadd1: 3061 TREADWELL
 City,State,Zip: LOS ANGELES, CA 90065
 Region: CORTESE
 Facility County Code: 19
 Reg By: LTNKA
 Reg Id: 3131

W144
SSW
1/4-1/2
0.445 mi.
2348 ft.

Relative:
Lower

Actual:
366 ft.

TAYLOR YARD
2850 KERR ST
LOS ANGELES, CA 90014

Site 1 of 8 in cluster W

CA ENVIROSTOR
CA VCP
CA HIST UST
CA CHMIRS
CA Financial Assurance
CA WDS
CA WIP
CA CIWQS

U001560579
N/A

ENVIROSTOR:

Name: TAYLOR YARD - PARCEL G2 - SOUTHERN PACIFIC
 Address: 2850 KERR STREET
 City,State,Zip: LOS ANGELES, CA 90039
 Facility ID: 19470006
 Status: Active
 Status Date: 04/23/1996
 Site Code: 301792
 Site Type: Voluntary Cleanup
 Site Type Detailed: Voluntary Cleanup
 Acres: 42
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Jessy Fierro
 Supervisor: Allan Plaza
 Division Branch: Cleanup Chatsworth
 Assembly: 51
 Senate: 24
 Special Program: CLRRRA Liability Immunity (AB 389)
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Responsible Party
 Latitude: 34.09781

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Longitude: -118.2390
APN: 5442002823, 5445004803
Past Use: RAIL ROAD MAINTENANCE SHOP
Potential COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs
Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL
1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs
Tetrachloroethylene (PCE TPH-diesel TPH-gas 1,1,1-Trichloroethane
(TCA TPH-MOTOR OIL Trichloroethylene (TCE
Potential Description: OTH, SOIL, SV
Alias Name: G-2
Alias Type: Alternate Name
Alias Name: G2
Alias Type: Alternate Name
Alias Name: SALE PARCEL
Alias Type: Alternate Name
Alias Name: SO PACIFIC TRANS CO - LOCOMOTIVE PLANT
Alias Type: Alternate Name
Alias Name: SO PACIFIC TRANS CO - TAYLOR YARD
Alias Type: Alternate Name
Alias Name: SOUTHERN PAC - TAYLOR YARD SALE PARCEL
Alias Type: Alternate Name
Alias Name: TAYLOR YARD ACTIVE PARCEL
Alias Type: Alternate Name
Alias Name: UNION PACIFIC RAILROAD (UPRR)
Alias Type: Alternate Name
Alias Name: 5442002823
Alias Type: APN
Alias Name: 5445004803
Alias Type: APN
Alias Name: CAD000628131
Alias Type: EPA Identification Number
Alias Name: 110018975929
Alias Type: EPA (FRS #)
Alias Name: 110033616861
Alias Type: EPA (FRS #)
Alias Name: P31063
Alias Type: PCode
Alias Name: 300358
Alias Type: Project Code (Site Code)
Alias Name: 301792
Alias Type: Project Code (Site Code)
Alias Name: 19470006
Alias Type: Envirostor ID Number
Alias Name: 60002568
Alias Type: Envirostor ID Number
Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 09/04/2003
Comments: DTSC reviewed and approved a Removal Action Workplan for Parcel
G1.Parcel G1 encompasses the northern 19 acres of parcel G. This
subdivision was performed in order to support the sale of parcel G1
to State Parks. Several phases of investigation have been completed
at parcel G1. The results of the investigation have identified four
separate areas with elevated levels of lead and arsenic. These hot

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

spots will be removed to ensure that post-removal do not exceed industrial based standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/30/2007
Comments: DTSC granted conditional approval for groundwater monitoring modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/01/2011
Comments: DTSC has reviewed and accepted the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/17/2010
Comments: DTSC reviewed and approved the Streamlined Risk Assessment (SRA) report. The SRA concluded that the estimated risk and hazard exceed acceptable thresholds for all receptors and recommends evaluation of remedial alternatives.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/30/2011
Comments: DTSC completed review

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/23/1998
Comments: The 1998 investigation data showed levels of VOCs, metals and petroleum hydrocarbons in the soil and VOCs in the groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/21/2013
Comments: DTSC finalized Community Profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/30/2012
Comments: DTSC has accepted the Monitoring Report.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/13/2011
Comments: DTSC has accepted the monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/08/2013
Comments: The Fact Sheet describes proposed activities relating to the Remedial Action Plan for Taylor Yard-Parcel G2 Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/08/2013
Comments: Public Notice published in local newspaper. Public Comment period for Remedial Action Plan begins Oct. 10 and ends Nov. 12, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/01/1990
Comments: Historical scoping document summarizes previous sampling data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/01/1989
Comments: Report summarizes sampling conducted at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/10/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/18/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 03/18/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 04/09/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Document Type: * Discovery
Completed Date: 01/01/1980
Comments: Facility identified. Local inspection found leaking rinse tank. Now corrected.

Completed Area Name: Parcel F
Completed Sub Area Name: Not reported
Completed Document Type: Prospective Purchaser Agreement
Completed Date: 12/08/1998
Comments: A Prospective Purchaser Agreement was signed between DTSC and Media Tech Center, LLC, a Delaware Limited Liability Company, which intends to redevelop approximately 50 acres into media/ technical related use projected to include up to 12 new buildings and 2,200 jobs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/18/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/05/1991
Comments: Sale Parcel: The OU was listed in CalSites as a separate site because it was thought that there was no groundwater impact at the site. We decided in June 1997 that in fact there was sufficient contamination to warrant cleanup work at the OU. Consequently, we decided in April 1996 to recombine the two sites because the OU required GW work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/16/1997
Comments: Twenty thousand (20,000) cubic yards of lead contaminated soil were treated by chemical fixations to reduce the level of soluble lead. The soil was generated from the excavation of the debris pile. The debris pile was excavated to allow for the construction of the access road onto Taylor Yard and Metrolink. The treated soil was used as

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TAYLOR YARD (Continued)

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fill on the Sale Parcel. Between the access road and the soil pile storage area, four (4) acres were released for reuse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 02/14/2014
Comments: RAP approved with Alternative 5: excavation, disposal offsite, installation and operation of SVE system, bioventing wells, vapor barriers, groundwater monitoring, and land use covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 08/08/2012
Comments: The Feasibility Study has been approved. This Report and Technical Memo describe five remedial alternatives which include excavation, soil vapor excavation, bioventing, vapor barriers, and groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/03/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/30/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/24/1987
Comments: Site Screening Done: Site listed in BEP. RWQCB lead site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/01/1984
Comments: Preliminary Assessment Done (RCRA 3012): Cleaning locomotive parts with caustic solutions (CERCLA notification). In operation since 1980. Generated forty tons/year of hazardous wastes and disposed at BKK, West Covina. Facility Drive-By: Abandoned Site Assessment Program staff.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan

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TAYLOR YARD (Continued)

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Completed Date: 07/30/2006
Comments: DTSC reviewed and approved the IRM report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 02/25/2008
Comments: DTSC reviewed the revised health risk assessment report and provided comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/26/2005
Comments: DTSC completed review of the Remedial Investigation Summary Report and provided comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/1999
Comments: Fact sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 06/06/2018
Comments: Request submitted to DTSC Environmental Justice Tribal Affairs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/28/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/10/1999

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TAYLOR YARD (Continued)

U001560579

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/05/1994
Comments: Sale Parcel: DTSC reviewed the preliminary results of the sampling performed for evaluation of the Soil Gas Vapor Extraction System (SGVES). DTSC has determined that the SGVES has been effective in remediating the coarse grain soils along the Northeast Property Boundary. DTSC recommends the continued on-off cyclical operation of the SGVES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 03/31/1992
Comments: Removal Action: Rubbish pile removal. Sale Parcel: Removal Action: Removal/Stockpile of TPH-contaminated soil. Design (NPB): Northeast property boundary design of vapor extraction system for chlorinated solvents. Majority of soil excavated during removal action came from active yard.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 12/10/1991
Comments: Sale Parcel: Design (HUMP): Design of lead area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 11/20/1991
Comments: Sale Parcel: Design (STOCK): Design of stockpile removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/09/2019
Comments: Work Notice distributed on April 9, 2019 to notify community of the application of the dust suppression compound at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/12/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets

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TAYLOR YARD (Continued)

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Completed Date: 04/02/2020
Comments: Not reported

Completed Area Name: Pedestrian Bridge/G2
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 05/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/09/2020
Comments: Not reported

Completed Area Name: Pedestrian Bridge/G2
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/11/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/24/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/19/2006
Comments: Not reported

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TAYLOR YARD (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/20/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/05/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/13/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/31/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/30/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 02/14/2014
Comments: Notice of Determination submitted to State Clearinghouse for the Remedial Action Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/11/2014
Comments: Letter from Union Pacific regarding land use and escrow.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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TAYLOR YARD (Continued)

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Completed Document Type: Removal Action Completion Report
Completed Date: 09/23/1994
Comments: Closure Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/23/2015
Comments: DTSC approved Workplan to conduct sampling and bioventing pilot test.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/18/2014
Comments: Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 11/04/2014
Comments: Workplan to abandon and install well has been approved conditionally with the understanding that DTSC comments will be addressed in the field.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2017
Comments: DTSC accepts monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/27/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/14/2018
Comments: DTSC approved Workplan for soil and soil gas sampling for Area A2 and Stage A.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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TAYLOR YARD (Continued)

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Completed Document Type: Work Notice
Completed Date: 06/05/2018
Comments: On June 5, the work notice was distributed to three adjacent residential complexes and five nearby schools (PPS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/01/2018
Comments: DTSC reviewed the Remedial Investigation Work Plan and has conditionally approved the Workplan. The Workplan describes upcoming soil, soil gas, and groundwater sampling at the Site. Field activities are planned for June through August 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/06/2017
Comments: Report dated 5/27/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2019
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2024
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: AB 389 Response Plan
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: TAYLOR YARD PARCEL G-2, AREA A
Address: 2850 KERR STREET
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 60002568
Status: Inactive - Needs Evaluation
Status Date: 02/14/2018
Site Code: 900294
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1.8
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP

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TAYLOR YARD (Continued)

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Program Manager: Triss Chesney
Supervisor: Yolanda Garza
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: , 51
Senate: , 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 34.09515
Longitude: -118.2353
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: TAYLOR YARD - PARCEL G2 - SOUTHERN PACIFIC
Alias Type: Alternate Name
Alias Name: 900294
Alias Type: Project Code (Site Code)
Alias Name: 19470006
Alias Type: Envirostor ID Number
Alias Name: 60002568
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/16/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/14/2018
Comments: The results of the site characterization demonstrate that herbicides and asbestos in soil and VOCs in soil gas (with exception of naphthalene and TPH-g comingled with other COCs in two areas) detected in areas of the site subject to sampling and site conditions evaluated and described in this report do not pose risk to human health under current site conditions or future residential reuse scenarios, which includes proposing open space recreational reuse. Concentrations of TPH, arsenic, lead, and BaP in soil may pose an unacceptable risk to human health under both residential and commercial/industrial reuse scenarios. Site conditions do not meet unrestricted land use requirements without further investigation and/or remediation.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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TAYLOR YARD (Continued)

U001560579

VCP:

Name: TAYLOR YARD - PARCEL G2 - SOUTHERN PACIFIC
Address: 2850 KERR STREET
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 19470006
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 42
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jessy Fierro
Supervisor: Allan Plaza
Division Branch: Cleanup Chatsworth
Site Code: 301792
Assembly: 51
Senate: 24
Special Programs Code: CLRRRA Liability Immunity (AB 389)
Status: Active
Status Date: 04/23/1996
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 34.09781 / -118.2390
APN: 5442002823, 5445004803
Past Use: RAIL ROAD MAINTENANCE SHOP
Potential COC: 30001, 30013, 30019, 30022, 30024, 30025, 3002502, 30026, 30027
Confirmed COC: 30001,30013,30019,30022,30024,30025,30026,3002502,30027
Potential Description: OTH, SOIL, SV
Alias Name: G-2
Alias Type: Alternate Name
Alias Name: G2
Alias Type: Alternate Name
Alias Name: SALE PARCEL
Alias Type: Alternate Name
Alias Name: SO PACIFIC TRANS CO - LOCOMOTIVE PLANT
Alias Type: Alternate Name
Alias Name: SO PACIFIC TRANS CO - TAYLOR YARD
Alias Type: Alternate Name
Alias Name: SOUTHERN PAC - TAYLOR YARD SALE PARCEL
Alias Type: Alternate Name
Alias Name: TAYLOR YARD ACTIVE PARCEL
Alias Type: Alternate Name
Alias Name: UNION PACIFIC RAILROAD (UPRR)
Alias Type: Alternate Name
Alias Name: 5442002823
Alias Type: APN
Alias Name: 5445004803
Alias Type: APN
Alias Name: CAD000628131
Alias Type: EPA Identification Number
Alias Name: 110018975929
Alias Type: EPA (FRS #)
Alias Name: 110033616861
Alias Type: EPA (FRS #)
Alias Name: P31063

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TAYLOR YARD (Continued)

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Alias Type: PCode
Alias Name: 300358
Alias Type: Project Code (Site Code)
Alias Name: 301792
Alias Type: Project Code (Site Code)
Alias Name: 19470006
Alias Type: Envirostor ID Number
Alias Name: 60002568
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 09/04/2003
Comments: DTSC reviewed and approved a Removal Action Workplan for Parcel G1. Parcel G1 encompasses the northern 19 acres of parcel G. This subdivision was performed in order to support the sale of parcel G1 to State Parks. Several phases of investigation have been completed at parcel G1. The results of the investigation have identified four separate areas with elevated levels of lead and arsenic. These hot spots will be removed to ensure that post-removal do not exceed industrial based standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/30/2007
Comments: DTSC granted conditional approval for groundwater monitoring modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/01/2011
Comments: DTSC has reviewed and accepted the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 08/17/2010
Comments: DTSC reviewed and approved the Streamlined Risk Assessment (SRA) report. The SRA concluded that the estimated risk and hazard exceed acceptable thresholds for all receptors and recommends evaluation of remedial alternatives.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/30/2011
Comments: DTSC completed review

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TAYLOR YARD (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/23/1998
Comments: The 1998 investigation data showed levels of VOCs, metals and petroleum hydrocarbons in the soil and VOCs in the groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 08/21/2013
Comments: DTSC finalized Community Profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/30/2012
Comments: DTSC has accepted the Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/13/2011
Comments: DTSC has accepted the monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/08/2013
Comments: The Fact Sheet describes proposed activities relating to the Remedial Action Plan for Taylor Yard-Parcel G2 Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/08/2013
Comments: Public Notice published in local newspaper. Public Comment period for Remedial Action Plan begins Oct. 10 and ends Nov. 12, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/01/1990
Comments: Historical scoping document summarizes previous sampling data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/01/1989
Comments: Report summarizes sampling conducted at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 08/10/1999
Comments: Not reported

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TAYLOR YARD (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/18/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 03/18/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 04/09/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/01/1980
Comments: Facility identified. Local inspection found leaking rinse tank. Now corrected.

Completed Area Name: Parcel F
Completed Sub Area Name: Not reported
Completed Document Type: Prospective Purchaser Agreement
Completed Date: 12/08/1998
Comments: A Prospective Purchaser Agreement was signed between DTSC and Media Tech Center, LLC, a Delaware Limited Liability Company, which intends to redevelop approximately 50 acres into media/ technical related use projected to include up to 12 new buildings and 2,200 jobs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/26/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/27/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/18/1991
Comments: Not reported

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TAYLOR YARD (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/05/1991
Comments: Sale Parcel: The OU was listed in CalSites as a separate site because it was thought that there was no groundwater impact at the site. We decided in June 1997 that in fact there was sufficient contamination to warrant cleanup work at the OU. Consequently, we decided in April 1996 to recombine the two sites because the OU required GW work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/16/1997
Comments: Twenty thousand (20,000) cubic yards of lead contaminated soil were treated by chemical fixations to reduce the level of soluble lead. The soil was generated from the excavation of the debris pile. The debris pile was excavated to allow for the construction of the access road onto Taylor Yard and Metrolink. The treated soil was used as fill on the Sale Parcel. Between the access road and the soil pile storage area, four (4) acres were released for reuse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 02/14/2014
Comments: RAP approved with Alternative 5: excavation, disposal offsite, installation and operation of SVE system, bioventing wells, vapor barriers, groundwater monitoring, and land use covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 08/08/2012
Comments: The Feasibility Study has been approved. This Report and Technical Memo describe five remedial alternatives which include excavation, soil vapor excavation, bioventing, vapor barriers, and groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/03/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/30/1990
Comments: Not reported

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TAYLOR YARD (Continued)

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/24/1987
Comments: Site Screening Done: Site listed in BEP. RWQCB lead site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 02/01/1984
Comments: Preliminary Assessment Done (RCRA 3012): Cleaning locomotive parts with caustic solutions (CERCLA notification). In operation since 1980. Generated forty tons/year of hazardous wastes and disposed at BKK, West Covina. Facility Drive-By: Abandoned Site Assessment Program staff.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/30/2006
Comments: DTSC reviewed and approved the IRM report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 02/25/2008
Comments: DTSC reviewed the revised health risk assessment report and provided comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/26/2005
Comments: DTSC completed review of the Remedial Investigation Summary Report and provided comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/1999
Comments: Fact sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 01/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Date: 06/06/2018
Comments: Request submitted to DTSC Environmental Justice Tribal Affairs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/28/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/10/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/05/1994
Comments: Sale Parcel: DTSC reviewed the preliminary results of the sampling performed for evaluation of the Soil Gas Vapor Extraction System (SGVES). DTSC has determined that the SGVES has been effective in remediating the coarse grain soils along the Northeast Property Boundary. DTSC recommends the continued on-off cyclical operation of the SGVES.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 03/31/1992
Comments: Removal Action: Rubbish pile removal. Sale Parcel: Removal Action: Removal/Stockpile of TPH-contaminated soil. Design (NPB): Northeast property boundary design of vapor extraction system for chlorinated solvents. Majority of soil excavated during removal action came from active yard.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 12/10/1991
Comments: Sale Parcel: Design (HUMP): Design of lead area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Date: 11/20/1991
Comments: Sale Parcel: Design (STOCK): Design of stockpile removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/09/2019
Comments: Work Notice distributed on April 9, 2019 to notify community of the application of the dust suppression compound at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/12/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/02/2020
Comments: Not reported

Completed Area Name: Pedestrian Bridge/G2
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 05/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 07/06/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/14/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/09/2020
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Area Name: Pedestrian Bridge/G2
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/11/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/24/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/09/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/20/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/05/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/13/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/31/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/30/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Date: 11/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 02/14/2014
Comments: Notice of Determination submitted to State Clearinghouse for the Remedial Action Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/11/2014
Comments: Letter from Union Pacific regarding land use and escrow.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/23/1994
Comments: Closure Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/23/2015
Comments: DTSC approved Workplan to conduct sampling and bioventing pilot test.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/18/2014
Comments: Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 11/04/2014
Comments: Workplan to abandon and install well has been approved conditionally with the understanding that DTSC comments will be addressed in the field.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/30/2017
Comments: DTSC accepts monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Completed Date: 09/27/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/14/2018
Comments: DTSC approved Workplan for soil and soil gas sampling for Area A2 and Stage A.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/05/2018
Comments: On June 5, the work notice was distributed to three adjacent residential complexes and five nearby schools (PPS).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 06/01/2018
Comments: DTSC reviewed the Remedial Investigation Work Plan and has conditionally approved the Workplan. The Workplan describes upcoming soil, soil gas, and groundwater sampling at the Site. Field activities are planned for June through August 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/06/2017
Comments: Report dated 5/27/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/02/2019
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2023

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2024

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: AB 389 Response Plan
Future Due Date: 2023

Schedule Area Name: Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HIST UST:

Name: TAYLOR YARD
Address: 2850 KERR ST
City,State,Zip: LOS ANGELES, CA 90014
File Number: 0002878E
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002878E.pdf>
Region: STATE
Facility ID: 00000041154
Facility Type: Other
Other Type: I. WASTE
Contact Name: D.M. KNOSP
Telephone: 7148775830
Owner Name: SOUTHERN PACIFIC TRANSPORTATIO
Owner Address: ONE MARKET PLAZA - ROOM 1007
Owner City,St,Zip: SAN FRANCISCO, CA 94105
Total Tanks: 0004

Tank Num: 001
Container Num: 40
Year Installed: Not reported
Tank Capacity: 00003000
Tank Used for: WASTE
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 32
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 004
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

MAP FINDINGS

TAYLOR YARD (Continued)

U001560579

[Click here for Geo Tracker PDF:](#)

CHMIRS:

Name:	Not reported
Address:	2850 KERR ST
City,State,Zip:	LOS ANGELES, CA
OES Incident Number:	1-1146
OES notification:	02/25/2001
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	L.A. River
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	UPRR
Incident Date:	2/25/2001 12:00:00 AM
Admin Agency:	Not reported
Amount:	Not reported
Contained:	No
Site Type:	Rail Road
E Date:	Not reported
Substance:	Oil
Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYLOR YARD (Continued)

U001560579

Evacuations: 0
 Number of Injuries: 0
 Number of Fatalities: 0
 #1 Pipeline: Not reported
 #2 Pipeline: Not reported
 #3 Pipeline: Not reported
 #1 Vessel >= 300 Tons: Not reported
 #2 Vessel >= 300 Tons: Not reported
 #3 Vessel >= 300 Tons: Not reported
 Evacs: Not reported
 Injuries: Not reported
 Fataals: Not reported
 Comments: Not reported
 Description: Oil line broke at Taylor Yard.It was running down a hill and going in to L.A. River. The spill is not contained but the source has been shut off.

Name: Not reported
 Address: 2850 KERR ST
 City,State,Zip: LOS ANGELES, CA 90039
 OES Incident Number: 1-5901
 OES notification: 10/17/2001
 OES Date: Not reported
 OES Time: Not reported
Date Completed: Not reported
 Property Use: Not reported
 Agency Id Number: Not reported
 Agency Incident Number: Not reported
 Time Notified: Not reported
 Time Completed: Not reported
 Surrounding Area: Not reported
 Estimated Temperature: Not reported
 Property Management: Not reported
 More Than Two Substances Involved?: Not reported
 Resp Agncy Personel # Of Decontaminated: Not reported
 Responding Agency Personel # Of Injuries: Not reported
 Responding Agency Personel # Of Fatalities: Not reported
 Others Number Of Decontaminated: Not reported
 Others Number Of Injuries: Not reported
 Others Number Of Fatalities: Not reported
 Vehicle Make/year: Not reported
 Vehicle License Number: Not reported
 Vehicle State: Not reported
 Vehicle Id Number: Not reported
 CA DOT PUC/ICC Number: Not reported
 Company Name: Not reported
 Reporting Officer Name/ID: Not reported
 Report Date: Not reported
 Facility Telephone: Not reported
 Waterway Involved: Yes
 Waterway: LA River
 Spill Site: Not reported
 Cleanup By: Reporting Party
 Containment: Not reported
 What Happened: Not reported
 Type: Not reported
 Measure: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Other: Not reported
Date/Time: Not reported
Year: 2001
Agency: Union Pacific RR
Incident Date: 10/17/2001 12:00:00 AM
Admin Agency: Los Angeles City Fire Department
Amount: Not reported
Contained: Yes
Site Type: Rail Road
E Date: Not reported
Substance: waste water
Unknown: unknown
Substance #2: Not reported
Substance #3: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatales: Not reported
Comments: Not reported
Description: Industrial drain line PVC pipe sprung a small leak causing waste water to flow in LA River.

Name: Not reported
Address: 2850 KERR ST
City,State,Zip: LOS ANGELES, CA 90039
OES Incident Number: 1-4547
OES notification: 08/09/2001
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: Yes
Waterway: L.A. River
Spill Site: Not reported
Cleanup By: Unknown
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 2001
Agency: Union Pacific Rail Road
Incident Date: 8/9/2001 12:00:00 AM
Admin Agency: Los Angeles City Fire Department
Amount: Not reported
Contained: No
Site Type: Rail Road
E Date: Not reported
Substance: Oil/Water
Unknown: unknown
Substance #2: Not reported
Substance #3: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: Water main Break caused water to flow through Taylor train yard into water treatment tank which caused the retention tank to over flow. This in turn caused oil water mixture to flow into the L.A. River

CA Financial Assurance 1:

Name: UNION PACIFIC RAILROAD CO (AKA SOUTHERN PACIFIC RAILROAD TAYLOR RAILYARD)
Address: 2850 KERR ST
City: LOS ANGELES
EPA ID Number: CAD000628131
Sudden Amount1: Not reported
Non Sudden Amount1: Not reported
Closure Mechanism: Not reported
Closure Amount: Not reported
Post Closure Mechanism: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Post Closure Amount:	Not reported
Corrective Action Mechanism:	CG
Corrective Action Amount:	\$768,836.00
Sudden Mechanism Type:	Not reported
Sudden Mechanism Amount:	Not reported
Non Sudden Mechanism Type:	Not reported
Non Sudden Mechanism Amount:	Not reported
O and M Mechanism Type:	Not reported
O and M Amount:	Not reported
Closure Mechanism Date of Mechanism:	Not reported
Closure Mechanism Renewal Date:	Not reported
Closure Mechanism Provider:	Not reported
Postclosure Mechanism Date of Mechanism:	Not reported
Postclosure Mechanism Renewal Date:	Not reported
Postclosure Mechanism Provider:	Not reported
O and M Mechanism Date of Mechanism:	Not reported
O and M Mechanism Renewal Date:	Not reported
O and M Mechanism Provider:	Not reported
Corrective Action Mechanism Date of Mechanism:	2017-03-28 00:00:00
Corrective Action Mechanism Renewal Date:	2018-03-30 00:00:00
Corrective Action Mechanism Provider:	Union Pacific Corporation
Sudden Mechanism Date of Mechanism:	Not reported
Sudden Mechanism Renewal Date:	Not reported
Sudden Mechanism Provider:	Not reported
Non-Sudden Mechanism Date of Mechanism:	Not reported
Non-Sudden Mechanism Renewal Date:	Not reported
Non-Sudden Mechanism Provider:	Not reported
Date Entered into EnviroStor:	2018-03-20 00:00:00
Authorization Type:	Corrective Action
Comments:	Not reported

WDS:

Name:	UPRR-TAYLOR YARD
Address:	2850 Kerr St
City:	LOS ANGELES
Facility ID:	4 19I004574
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	UNION PACIFIC RAILROAD COMPANY
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

WIP:

Name: S. P. TRAN (TAYLOR YARD)
Address: 2850 Kerr St
City,State,Zip: LOS ANGELES, CA 90039
Region: 4
File Number: 112.0245
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CIWQS:

Name: TAYLOR YARD
Address: 2850 KERR ST
City,State,Zip: LOS ANGELES, CA 90039
Agency: Union Pacific Railroad R4
Agency Address: 750 Lamar St, Los Angeles, CA 90031
Place/Project Type: Construction
SIC/NAICS: Not reported
Region: 4
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 99-08DW
WDID: 4 19C302088
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 03/10/1993
Termination Date: 03/10/2004
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.110036

Map ID
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EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

U001560579

Longitude: -118.246651

W145
SSW
1/4-1/2
0.445 mi.
2348 ft.

UNION PACIFIC RAILROAD
2850 KERR ST
LOS ANGELES, CA 90039

SEMS-ARCHIVE 1000344996
RCRA NonGen / NLR CAD000628131
US FIN ASSUR

Site 2 of 8 in cluster W

Relative:
Lower
Actual:
366 ft.

SEMS Archive:
Site ID: 0900933
EPA ID: CAD000628131
Name: SO PACIFIC TRANS CO LOCOMOTIVE PLT
Address: 2850 KERR ST
Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90039
Cong District: 24
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
Site ID: 0900933
EPA ID: CAD000628131
Site Name: SO PACIFIC TRANS CO LOCOMOTIVE PLT
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1984-07-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0900933
EPA ID: CAD000628131
Site Name: SO PACIFIC TRANS CO LOCOMOTIVE PLT
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-08-01 04:00:00
Finish Date: 1980-08-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900933
EPA ID: CAD000628131
Site Name: SO PACIFIC TRANS CO LOCOMOTIVE PLT
NPL: N
FF: N

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD (Continued)

1000344996

OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-03-01 05:00:00
Finish Date: 1984-07-01 05:00:00
Qual: N
Current Action Lead: St Perf

RCRA NonGen / NLR:
Date Form Received by Agency: 20170815
Handler Name: UNION PACIFIC RAILROAD
Handler Address: 2850 KERR ST
Handler City,State,Zip: LOS ANGELES, CA 90039
EPA ID: CAD000628131
Contact Name: KRISTEN STEVENS
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 562-756-0056
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: CA
State District: 4R
Mailing Address: SPTCO ONE MARKET PLAZA RM 826
Mailing City,State,Zip: SAN FRANCISCO, CA 94105
Owner Name: UNION PACIFIC RAILROAD
Owner Type: Private
Operator Name: NOT REQUIRED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

UNION PACIFIC RAILROAD (Continued)

1000344996

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20170901
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHERN PACIFIC TRANSPORTATION CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD (Continued)

1000344996

Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNION PACIFIC RAILROAD
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: SO PACIFIC TRANS CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960901

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD (Continued)

1000344996

Handler Name: SO PACIFIC TRANS CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: SO PACIFIC TRANS CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170815
Handler Name: UNION PACIFIC RAILROAD
Federal Waste Generator Description: Not a generator, verified
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900730
Handler Name: SOUTHERN PACIFIC TRANSPORTATION C
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920214
Handler Name: SOUTHERN PACIFIC TRANSPORTATION CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD (Continued)

1000344996

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940210
Handler Name: SOUTHERN PACIFIC TRANS CO, LA FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960226
Handler Name: S. PACIFIC LINES, L.A. (TAYLOR) FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 482111
NAICS Description: LINE-HAUL RAILROADS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

US FIN ASSUR:

Name: UNION PACIFIC RAILROAD
Address: 2850 KERR ST
City,State,Zip: LOS ANGELES, CA 90039
EPA ID: CAD000628131
County: Not reported
Mechanism type: F
Mechanism Type Description: FINANCIAL TEST
Cost estimate: 2817200
Face value: 2817200
Effective date: 2011-03-25 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNION PACIFIC RAILROAD (Continued)

1000344996

Provider: UNION PACIFIC RAIL COMPANY
EPA region: 9

W146
SSW
1/4-1/2
0.445 mi.
2348 ft.

TAYLOR YD (LOCO SERVICE)
2850 KERR
LOS ANGELES, CA 90014
Site 3 of 8 in cluster W

CA CPS-SLIC
CA SWEEPS UST
CA HIST UST
CA FID UST
CA CERS

S101617162
N/A

Relative:
Lower

CPS-SLIC:
Name: S. P. TRAN (TAYLOR YARD)
Address: 2850 KERR ST.
City,State,Zip: LOS ANGELES, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/22/2014
Global Id: SL603799090
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1101612
Longitude: -118.246227
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 112.0245
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Actual:
366 ft.

[Click here to access the California GeoTracker records for this facility:](#)

SWEEPS UST:

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000001
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 8

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YD (LOCO SERVICE) (Continued)

S101617162

Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000002
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000003
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000004
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Name: TAYLOR YD (LOCO SERVICE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YD (LOCO SERVICE) (Continued)

S101617162

Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000005
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000006
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000007
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YD (LOCO SERVICE) (Continued)

S101617162

Number Of Tanks: Not reported

Name: TAYLOR YD (LOCO SERVICE)
Address: 2850 KERR
City: LOS ANGELES
Status: Not reported
Comp Number: 2191
Number: Not reported
Board Of Equalization: 44-012172
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-002191-000008
Tank Status: Not reported
Capacity: 7500
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

HIST UST:

Name: TAYLOR YD (P AND M DEPT)
Address: 2850 KERR ST
City,State,Zip: LOS ANGELES, CA 90014
File Number: 0002879C
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002879C.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 19054237
Regulated By: UTNKI
Regulated ID: 00041165
Cortese Code: Not reported
SIC Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYLOR YD (LOCO SERVICE) (Continued)

S101617162

Facility Phone: 7148775830
 Mail To: Not reported
 Mailing Address: 1 MARKET PLAZA-ROOM
 Mailing Address 2: Not reported
 Mailing City,St,Zip: LOS ANGELES 900140000
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Inactive

CERS:

Name: S. P. TRAN (TAYLOR YARD)
 Address: 2850 KERR ST.
 City,State,Zip: LOS ANGELES, CA
 Site ID: 204326
 CERS ID: SL603799090
 CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
 Entity Title: Not reported
 Affiliation Address: 320 W. 4TH ST., SUITE 200
 Affiliation City: LOS ANGELES
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: ,

W147
SSW
1/4-1/2
0.445 mi.
2348 ft.

TAYLOR YARD PARCEL G-2, AREA A
2850 KERR STREET
LOS ANGELES, CA 90039
Site 4 of 8 in cluster W

US BROWNFIELDS 1025442663
N/A

Relative:
Lower
Actual:
366 ft.

US BROWNFIELDS:
 Name: TAYLOR YARD PARCEL G-2, AREA A
 Address: 2850 KERR STREET
 City,State,Zip: LOS ANGELES, CA 90039
 Recipient Name: California Department of Toxic Substance Control
 Grant Type: Assessment
 Property Number: 5445-004-908; 5445-004-909 (portion)
 Parcel size: 1.8
 Latitude: 34.0951520289279
 Longitude: -118.23538212822
 HCM Label: -
 Map Scale: -
 Point of Reference: -

Highlights: The results of the site characterization demonstrate that herbicides and asbestos in soil and VOCs in soil gas (with exception of naphthalene and TPH-g comingled with other COCs in two areas) detected in areas of the site subject to sampling and site conditions evaluated and described in this report do not pose risk to human health under current site conditions or future residential reuse

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYLOR YARD PARCEL G-2, AREA A (Continued)

1025442663

scenarios, which includes proposing open space recreational reuse. Concentrations of TPH, arsenic, lead, and BaP in soil may pose an unacceptable risk to human health under both residential and commercial/industrial reuse scenarios. Site conditions do not meet unrestricted land use requirements without further investigation and/or remediation. Former Use: Taylor Yard Parcel G-2 is currently inactive and vacant. It is surrounded by a chain-link fence at its perimeter, and access is restricted through two locked gates located at the northern and southeastern boundaries of the property. Area A, the subject of this Site Characterization, is approximately 1.8 acres and is located in the southeastern tip of Parcel G-2. It includes Assessor's Parcel Number 5445-004-908 and a portion of 5445-004-909. Taylor Yard Parcel G-2 was previously subdivided into four areas to facilitate environmental investigation and implementation of interim remedial measures, including Area 4 - Former Debris Pile Area. Area A generally coincides with, but is slightly smaller than, the former Area 4. Union Pacific Railroad and its predecessors, including Southern Pacific Transportation Company, have owned the Taylor Yard property since the early 1900s. Taylor Yard Parcel G-2 was first developed and utilized as a railroad yard in the early 1930s.

Datum:	-
Acres Property ID:	239335
IC Data Access:	-
Start Date:	-
Redev Completion Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	100000
Assessment Funding Source:	EPA
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - Brownfields Assessment Cooperative Agreement
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	99T29601
Start Date:	05/11/2017
Ownership Entity:	Government
Completion Date:	02/13/2018
Current Owner:	City of Los Angeles
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	N
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	04/09/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD PARCEL G-2, AREA A (Continued)

1025442663

State/tribal program ID:	DTSC EnviroStor No. 60002568 and 19470006
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	1.8
Future use greenspace acreage:	1.8
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYLOR YARD PARCEL G-2, AREA A (Continued)

1025442663

<p>Arsenic contaminant found: Y Cadmium contaminant found: - Chromium contaminant found: - Copper contaminant found: - Iron contaminant found: - Mercury contaminant found: - Nickel contaminant found: - No contaminant found: - Pesticides contaminant found: - Selenium contaminant found: - SVOCs contaminant found: - Unknown contaminant found: - Future Use: Multistory - Media affected Bluiding Material: - Media affected indoor air: - Building material media cleaned up: - Indoor air media cleaned up: - Unknown media cleaned up: - Past Use: Multistory Not reported Property Description: Taylor Yard Parcel G-2 is currently inactive and vacant. It is surrounded by a chain-link fence at its perimeter, and access is restricted through two locked gates located at the northern and southeastern boundaries of the property. Area A, the subject of this Site Characterization, is approximately 1.8 acres and is located in the southeastern tip of Parcel G-2. It includes Assessor's Parcel Number 5445-004-908 and a portion of 5445-004-909. Taylor Yard Parcel G-2 was previously subdivided into four areas to facilitate environmental investigation and implementation of interim remedial measures, including Area 4 - Former Debris Pile Area. Area A generally coincides with, but is slightly smaller than, the former Area 4. Union Pacific Railroad and its predecessors, including Southern Pacific Transportation Company, have owned the Taylor Yard property since the early 1900s. Taylor Yard Parcel G-2 was first developed and utilized as a railroad yard in the early 1930s.</p> <p>Below Poverty Number: 1111 Below Poverty Percent: 17.24 Meidan Income: 5931 Meidan Income Number: 3165 Meidan Income Percent: 49.11 Vacant Housing Number: 79 Vacant Housing Percent: 4.17 Unemployed Number: 385 Unemployed Percent: 5.97</p> <p>Name: TAYLOR YARD PARCEL G-2, AREA A Address: 2850 KERR STREET City,State,Zip: LOS ANGELES, CA 90039 Recipient Name: California Department of Toxic Substance Control Grant Type: Assessment Property Number: 5445-004-908; 5445-004-909 (portion) Parcel size: 1.8 Latitude: 34.0951520289279 Longitude: -118.23538212822 HCM Label: - Map Scale: - Point of Reference: - Highlights: The results of the site characterization demonstrate that herbicides</p>	<p>Not reported</p>
--	---------------------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD PARCEL G-2, AREA A (Continued)

1025442663

and asbestos in soil and VOCs in soil gas (with exception of naphthalene and TPH-g comingled with other COCs in two areas) detected in areas of the site subject to sampling and site conditions evaluated and described in this report do not pose risk to human health under current site conditions or future residential reuse scenarios, which includes proposing open space recreational reuse. Concentrations of TPH, arsenic, lead, and BaP in soil may pose an unacceptable risk to human health under both residential and commercial/industrial reuse scenarios. Site conditions do not meet unrestricted land use requirements without further investigation and/or remediation. Former Use: Taylor Yard Parcel G-2 is currently inactive and vacant. It is surrounded by a chain-link fence at its perimeter, and access is restricted through two locked gates located at the northern and southeastern boundaries of the property. Area A, the subject of this Site Characterization, is approximately 1.8 acres and is located in the southeastern tip of Parcel G-2. It includes Assessor's Parcel Number 5445-004-908 and a portion of 5445-004-909. Taylor Yard Parcel G-2 was previously subdivided into four areas to facilitate environmental investigation and implementation of interim remedial measures, including Area 4 - Former Debris Pile Area. Area A generally coincides with, but is slightly smaller than, the former Area 4. Union Pacific Railroad and its predecessors, including Southern Pacific Transportation Company, have owned the Taylor Yard property since the early 1900s. Taylor Yard Parcel G-2 was first developed and utilized as a railroad yard in the early 1930s.

Datum:	-
Acres Property ID:	239335
IC Data Access:	-
Start Date:	-
Redev Completion Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	99T29601
Start Date:	-
Ownership Entity:	Government
Completion Date:	-
Current Owner:	City of Los Angeles
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	N
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD PARCEL G-2, AREA A (Continued)

1025442663

IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	04/09/1990
State/tribal program ID:	DTSC EnviroStor No. 60002568 and 19470006
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	Y
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	Y
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	1.8
Future use greenspace acreage:	1.8
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYLOR YARD PARCEL G-2, AREA A (Continued)

1025442663

No clean up: -
 Pesticides cleaned up: -
 Selenium cleaned up: -
 SVOCs cleaned up: -
 Unknown clean up: -
 Arsenic contaminant found: Y
 Cadmium contaminant found: -
 Chromium contaminant found: -
 Copper contaminant found: -
 Iron contaminant found: -
 Mercury contaminant found: -
 Nickel contaminant found: -
 No contaminant found: -
 Pesticides contaminant found: -
 Selenium contaminant found: -
 SVOCs contaminant found: -
 Unknown contaminant found: -
 Future Use: Multistory -
 Media affected Bluiding Material: -
 Media affected indoor air: -
 Building material media cleaned up: -
 Indoor air media cleaned up: -
 Unknown media cleaned up: -
 Past Use: Multistory Not reported
 Property Description:

Taylor Yard Parcel G-2 is currently inactive and vacant. It is surrounded by a chain-link fence at its perimeter, and access is restricted through two locked gates located at the northern and southeastern boundaries of the property. Area A, the subject of this Site Characterization, is approximately 1.8 acres and is located in the southeastern tip of Parcel G-2. It includes Assessor's Parcel Number 5445-004-908 and a portion of 5445-004-909. Taylor Yard Parcel G-2 was previously subdivided into four areas to facilitate environmental investigation and implementation of interim remedial measures, including Area 4 - Former Debris Pile Area. Area A generally coincides with, but is slightly smaller than, the former Area 4. Union Pacific Railroad and its predecessors, including Southern Pacific Transportation Company, have owned the Taylor Yard property since the early 1900s. Taylor Yard Parcel G-2 was first developed and utilized as a railroad yard in the early 1930s.

Below Poverty Number: 1111
 Below Poverty Percent: 17.24
 Meidan Income: 5931
 Meidan Income Number: 3165
 Meidan Income Percent: 49.11
 Vacant Housing Number: 79
 Vacant Housing Percent: 4.17
 Unemployed Number: 385
 Unemployed Percent: 5.97

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

W148 **TAYLOR YARD**
SSW **2850 KERR ST. LOS ANGELES C.A. 90039**
1/4-1/2 **LOS ANGELES, CA 90039**
0.445 mi.
2348 ft. **Site 5 of 8 in cluster W**

US BROWNFIELDS **1024247365**
N/A

Relative:
Lower
Actual:
366 ft.

US BROWNFIELDS:

Name: TAYLOR YARD
 Address: 2850 KERR ST. LOS ANGELES C.A. 90039
 City,State,Zip: LOS ANGELES, CA 90039
 Recipient Name: City of Los Angeles - Department of Public Works
 Grant Type: Assessment
 Property Number: 5442-002-823 , 5445-004-803,5442-002-824
 Parcel size: 41.49
 Latitude: 34.1102844
 Longitude: -118.2462485
 HCM Label: -
 Map Scale: -
 Point of Reference: -
 Highlights:

Former Use: This Site was historically part of a 243-acre rail yard known as Taylor Yard. Routine maintenance and major diesel locomotive service and repair have been conducted at this Site since the early 1930s. Based on a review of historical sources, the Site was a vacant parcel of land from 1894-1938. From 1938 2006 the Site was operated by Union Pacific Railroad as a locomotive maintenance and fueling station. Historical features of the Site include storage buildings, soil and debris piles, chemical storage areas, power house, oil house, railcar turntable, machine shop, aboveground storage tanks (ASTs), underground storage tanks (USTs), two oil/water separators, paint shop and shed, and six holding ponds. In 2006 the Site was no longer utilized for maintenance and fueling and decommissioning of the rail yard began. Presently the Site remains vacant. Products previously stored or used at the site included bunker C fuel oil, journal box lubrication oil, diesel fuel, gasoline, oils and greases, acids, alkaline cleaning soaps, water treatment products, paints and thinners, pesticides and herbicides, compressed gases, lead, cleaning solvents, and chlorinated solvents.

Datum: -
 Acres Property ID: 229441
 IC Data Access: -
 Start Date: -
 Redev Completion Date: -
 Completed Date: -
 Acres Cleaned Up: -
 Cleanup Funding: -
 Cleanup Funding Source: -
 Assessment Funding: 8832
 Assessment Funding Source: EPA
 Redevelopment Funding: -
 Redev. Funding Source: -
 Redev. Funding Entity Name: -
 Redevelopment Start Date: -
 Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement
 Cleanup Funding Entity: -
 Grant Type: Hazardous
 Accomplishment Type: Phase I Environmental Assessment
 Accomplishment Count: Y
 Cooperative Agreement Number: 99T09601
 Start Date: 01/20/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

1024247365

Ownership Entity:	Government
Completion Date:	02/27/2017
Current Owner:	City of Los Angeles
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	41.49
Future use residential acreage:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Site

Database(s)

TAYLOR YARD (Continued)

1024247365

Future use commercial acreage: -
Future use industrial acreage: -
Superfund Fed. landowner flag: -
Arsenic cleaned up: -
Cadmium cleaned up: -
Chromium cleaned up: -
Copper cleaned up: -
Iron cleaned up: -
mercury cleaned up: -
Nickel Cleaned Up: -
No clean up: -
Pesticides cleaned up: -
Selenium cleaned up: -
SVOCs cleaned up: -
Unknown clean up: -
Arsenic contaminant found: -
Cadmium contaminant found: -
Chromium contaminant found: -
Copper contaminant found: -
Iron contaminant found: -
Mercury contaminant found: -
Nickel contaminant found: -
No contaminant found: -
Pesticides contaminant found: -
Selenium contaminant found: -
SVOCs contaminant found: -
Unknown contaminant found: -
Future Use: Multistory -
Media affected Bluiding Material: -
Media affected indoor air: -
Building material media cleaned up: -
Indoor air media cleaned up: -
Unknown media cleaned up: -
Past Use: Multistory Not reported
Property Description:

This Site was historically part of a 243-acre rail yard known as Taylor Yard. Routine maintenance and major diesel locomotive service and repair have been conducted at this Site since the early 1930s. Based on a review of historical sources, the Site was a vacant parcel of land from 1894-1938. From 1938 2006 the Site was operated by Union Pacific Railroad as a locomotive maintenance and fueling station. Historical features of the Site include storage buildings, soil and debris piles, chemical storage areas, power house, oil house, railcar turntable, machine shop, aboveground storage tanks (ASTs), underground storage tanks (USTs), two oil/water separators, paint shop and shed, and six holding ponds. In 2006 the Site was no longer utilized for maintenance and fueling and decommissioning of the rail yard began. Presently the Site remains vacant. Products previously stored or used at the site included bunker C fuel oil, journal box lubrication oil, diesel fuel, gasoline, oils and greases, acids, alkaline cleaning soaps, water treatment products, paints and thinners, pesticides and herbicides, compressed gases, lead, cleaning solvents, and chlorinated solvents.

Below Poverty Number: 954
Below Poverty Percent: 17.29
Meidan Income: 5600
Meidan Income Number: 2527
Meidan Income Percent: 45.8

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TAYLOR YARD (Continued)

1024247365

Vacant Housing Number: 142
 Vacant Housing Percent: 7.74
 Unemployed Number: 166
 Unemployed Percent: 3.01

Name: TAYLOR YARD
 Address: 2850 KERR ST. LOS ANGELES C.A. 90039
 City,State,Zip: LOS ANGELES, CA 90039
 Recipient Name: City of Los Angeles - Department of Public Works
 Grant Type: Assessment
 Property Number: 5442-002-823 , 5445-004-803,5442-002-824
 Parcel size: 41.49
 Latitude: 34.1102844
 Longitude: -118.2462485
 HCM Label: -
 Map Scale: -
 Point of Reference: -
 Highlights:

Former Use: This Site was historically part of a 243-acre rail yard known as Taylor Yard. Routine maintenance and major diesel locomotive service and repair have been conducted at this Site since the early 1930s. Based on a review of historical sources, the Site was a vacant parcel of land from 1894-1938. From 1938 2006 the Site was operated by Union Pacific Railroad as a locomotive maintenance and fueling station. Historical features of the Site include storage buildings, soil and debris piles, chemical storage areas, power house, oil house, railcar turntable, machine shop, aboveground storage tanks (ASTs), underground storage tanks (USTs), two oil/water separators, paint shop and shed, and six holding ponds. In 2006 the Site was no longer utilized for maintenance and fueling and decommissioning of the rail yard began. Presently the Site remains vacant. Products previously stored or used at the site included bunker C fuel oil, journal box lubrication oil, diesel fuel, gasoline, oils and greases, acids, alkaline cleaning soaps, water treatment products, paints and thinners, pesticides and herbicides, compressed gases, lead, cleaning solvents, and chlorinated solvents.

Datum: -
 Acres Property ID: 229441
 IC Data Access: -
 Start Date: -
 Redev Completion Date: -
 Completed Date: -
 Acres Cleaned Up: -
 Cleanup Funding: -
 Cleanup Funding Source: -
 Assessment Funding: -
 Assessment Funding Source: -
 Redevelopment Funding: -
 Redev. Funding Source: -
 Redev. Funding Entity Name: -
 Redevelopment Start Date: -
 Assessment Funding Entity: -
 Cleanup Funding Entity: -
 Grant Type: Hazardous
 Accomplishment Type: -
 Accomplishment Count: -
 Cooperative Agreement Number: 99T09601
 Start Date: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

1024247365

Ownership Entity:	Government
Completion Date:	-
Current Owner:	City of Los Angeles
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	Y
Groundwater cleaned:	-
Lead contaminant found:	Y
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	Y
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	41.49
Future use residential acreage:	-

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TAYLOR YARD (Continued)

1024247365

Vacant Housing Number: 142
Vacant Housing Percent: 7.74
Unemployed Number: 166
Unemployed Percent: 3.01

149
West
1/4-1/2
0.457 mi.
2414 ft.

SPECIALTY PRODUCTS DIST. CO.
3229 CASITAS
LOS ANGELES, CA 90039

CA CPS-SLIC
CA WIP
CA CERS
S106484872
N/A

Relative:
Lower

CPS-SLIC:

Actual:
397 ft.

Name: SPECIALTY PRODUCTS DIST. CO.
Address: 3229 CASITAS
City,State,Zip: LOS ANGELES, CA 90039
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 11/14/2014
Global Id: SL603799087
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1156733027521
Longitude: -118.250906586647
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 112.0080
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

WIP:

Name: SPECIALTY PRODUCTS DIST. CO.
Address: 3229 Casitas
City,State,Zip: LOS ANGELES, CA 90039
Region: 4
File Number: 112.0080
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:

Name: SPECIALTY PRODUCTS DIST. CO.
Address: 3229 CASITAS
City,State,Zip: LOS ANGELES, CA 90039
Site ID: 194540
CERS ID: SL603799087
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPECIALTY PRODUCTS DIST. CO. (Continued)

S106484872

Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

150
WNW
1/4-1/2
0.462 mi.
2440 ft.

AHR SIGNS, INC.
3400 N. SAN FERNANDO ROAD
LOS ANGELES, CA 90065

CA CPS-SLIC S123532418
CA CERS N/A

Relative:
Higher
Actual:
417 ft.

CPS-SLIC:
Name: AHR SIGNS, INC.
Address: 3400 N. SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 03/18/2019
Global Id: T10000012811
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.11911
Longitude: -118.25042
Case Type: Cleanup Program Site
Case Worker: NM
Local Agency: Not reported
RB Case Number: 1443
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

CERS:
Name: AHR SIGNS, INC.
Address: 3400 N. SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 520119
CERS ID: T10000012811
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROBERT RENY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 west 4th St. Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766600,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W151 **SOUTHERN PACIFIC - TAYLOR**
SW **2800 KERR**
1/4-1/2 **LOS ANGELES, CA 90039**
0.468 mi.
2471 ft. **Site 6 of 8 in cluster W**

CA ENVIROSTOR **S101272773**
CA VCP **N/A**
CA HIST CORTESE

Relative:
Lower

ENVIROSTOR:

Actual:
364 ft.

Name: TAYLOR YARD - PARCEL G1
Address: 2800 KERR STREET
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 60001919
Status: Active
Status Date: 08/16/2019
Site Code: 999926
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 19
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jessy Fierro
Supervisor: Allan Plaza
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: EPA - Target Site Investigation
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 34.10763
Longitude: -118.2443
APN: 5442002914
Past Use: ABOVE GROUND STORAGE TANKS, RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY, RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC: Arsenic Benzene Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel
Confirmed COC: 30001-NO 30003-NO 30013-NO 30019-NO 30024-NO Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel
Potential Description: SOIL, UE, CSS, SOIL
Alias Name: BowTie
Alias Type: Alternate Name
Alias Name: Casitas Project
Alias Type: Alternate Name
Alias Name: G1
Alias Type: Alternate Name
Alias Name: 5442002914
Alias Type: APN
Alias Name: 301630
Alias Type: Project Code (Site Code)
Alias Name: 301935
Alias Type: Project Code (Site Code)
Alias Name: 999926
Alias Type: Project Code (Site Code)
Alias Name: 60001919
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Demonstration Project
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC - TAYLOR (Continued)

S101272773

Completed Date: 01/29/2021
Comments: Not reported

Completed Area Name: Demonstration Project
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/08/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 12/11/2013
Comments: Interagency Agreement signed by State Parks and DTSC to have DTSC provide oversight during investigation and remediation activities which will be performed by State Parks or its representative.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/04/2014
Comments: Characterization Workplan approved for soil and soil gas sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/13/2016
Comments: DTSC has approved Report and recommends additional data gap sampling in preparation for removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/13/2015
Comments: DTSC oversight during soil sampling activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC - TAYLOR (Continued)

S101272773

Completed Date: 01/08/2021
Comments: Not reported

Completed Area Name: Demonstration Project
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/29/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2014
Comments: Completed.

Future Area Name: Demonstration Project
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2022
Schedule Area Name: Demonstration Project
Schedule Sub Area Name: Not reported
Schedule Document Type: Supplemental Site Investigation Report
Schedule Due Date: 06/08/2022
Schedule Revised Date: Not reported

VCP:

Name: TAYLOR YARD - PARCEL G1
Address: 2800 KERR STREET
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 60001919
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 19
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jessy Fierro
Supervisor: Allan Plaza
Division Branch: Cleanup Chatsworth
Site Code: 999926
Assembly: 51
Senate: 24
Special Programs Code: EPA - Target Site Investigation
Status: Active
Status Date: 08/16/2019
Restricted Use: NO
Funding: EPA Grant
Lat/Long: 34.10763 / -118.2443
APN: 5442002914

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC - TAYLOR (Continued)

S101272773

Past Use: ABOVE GROUND STORAGE TANKS, RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY, RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC: 30001, 30003, 30013, 30019, 30024, 30013, 30019, 30024
Confirmed COC: 30001-NO,30003-NO,30013-NO,30019-NO,30024-NO,, ,30013,30019,30024
Potential Description: SOIL, UE, CSS, SOIL
Alias Name: BowTie
Alias Type: Alternate Name
Alias Name: Casitas Project
Alias Type: Alternate Name
Alias Name: G1
Alias Type: Alternate Name
Alias Name: 5442002914
Alias Type: APN
Alias Name: 301630
Alias Type: Project Code (Site Code)
Alias Name: 301935
Alias Type: Project Code (Site Code)
Alias Name: 999926
Alias Type: Project Code (Site Code)
Alias Name: 60001919
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Demonstration Project
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/29/2021
Comments: Not reported

Completed Area Name: Demonstration Project
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 04/08/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Reimbursement Agreement
Completed Date: 12/11/2013
Comments: Interagency Agreement signed by State Parks and DTSC to have DTSC provide oversight during investigation and remediation activities which will be performed by State Parks or its representative.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/04/2014
Comments: Characterization Workplan approved for soil and soil gas sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/13/2016
Comments: DTSC has approved Report and recommends additional data gap sampling in preparation for removal action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC - TAYLOR (Continued)

S101272773

Completed Document Type: Fieldwork
Completed Date: 01/13/2015
Comments: DTSC oversight during soil sampling activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 07/07/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/21/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/08/2021
Comments: Not reported

Completed Area Name: Demonstration Project
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/29/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2014
Comments: Completed.

Future Area Name: Demonstration Project
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2022
Schedule Area Name: Demonstration Project
Schedule Sub Area Name: Not reported
Schedule Document Type: Supplemental Site Investigation Report
Schedule Due Date: 06/08/2022
Schedule Revised Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC - TAYLOR (Continued)

S101272773

HIST CORTESE:
edr_fname: SOUTHERN PACIFIC - TAYLOR
edr_fadd1: 2800 KERR
City,State,Zip: LOS ANGELES, CA 90039
Region: CORTESE
Facility County Code: 19
Reg By: CALSI
Reg Id: 19470006

**W152
SW
1/4-1/2
0.468 mi.
2471 ft.**

**SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR Y
2800 KERR STREET
LOS ANGELES, CA 90039**

**CA HIST Cal-Sites S100833299
CA BOND EXP. PLAN N/A**

Site 7 of 8 in cluster W

**Relative:
Lower
Actual:
364 ft.**

Calsite:
Name: SOUTHERN PACIFIC - TAYLOR YARD/ACTIVE
Address: 2800 KERR STREET
City: LOS ANGELES
Region: GLENDALE
Facility ID: 19470006
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 04231996
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 47
SIC Name: TRANSPORTATION SERVICES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: MISKAROU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 45
State Senate District Code: 22
Facility ID: 19470006
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01011980
Est Person-Yrs to complete: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: SS
Activity Name: SITE SCREENING
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11241987
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: ORDER
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code: AGREE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04091990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19470006
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19470006
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	PILE1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04011992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	14000
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	REMOVAL, SEPARATION, AND STOCKPILING OF MATERIAL IN A DEBRIS PILE. CONTAINED APPROXIMATELY 14,000 CY OF CONTAMINATED SOIL.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19470006
Activity:	CEQA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NOD
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03181996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19470006
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04031996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19470006
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	L
Request to Delete Activity:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 12302006
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: DES
Activity Name: DESIGN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 06302007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 12312007
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: 12302008
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: 0
Estimated Size: L
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: PILE2
Proposed Budget: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04161997
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 20000
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: 20,000 CUBIC YARDS OF LEAD CONTAMINATED SOIL WHERE TREATED BY CHEMICALFIXATION TO REDUCE THE LEVEL OF SOLUBLE LEAD.

For Commercial Reuse: 24
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RIFS
Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: SALE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04051991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code: SALE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09181991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: NEGD
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09181991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: DES
Activity Name: DESIGN
AWP Code: STOCK
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 11201991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: DES
Activity Name: DESIGN
AWP Code: HUMP
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12101991
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RA
Activity Name: REMOVAL ACTION
AWP Code: STOCK
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04011992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 134000
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: N
Activity Comments: APPROXIMATELY 134,000 CY WERE EXCAVATED AND STOCKPILED.
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: DES
Activity Name: DESIGN
AWP Code: NBA
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 03311992
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: COST
Activity Name: COST RECOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01311994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: RMDL
Activity Name: REMEDIAL ACTION (RAP REQUIRED)
AWP Code: SALE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12051994
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: PPA
Activity Name: PROSPECTIVE PURCHASER AGREEMENT
AWP Code: ORDER
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 12081998
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006
Activity: CEQA
Activity Name: CEQA INCLUDING NEGATIVE DECS
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08101999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 19470006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Activity: RAW
Activity Name: REMOVAL ACTION WORKPLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 08101999
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 2800 KERR STREET
Alternate City,St,Zip: LOS ANGELES, CA 90039
Background Info: Other agencies involved at the site include the RWQCB which conducted a Toxic Pits Cleanup Act (TPCA) closure on four lined sumps.
This site is located within the San Fernando Groundwater Basin and partially within Pollock NPL site U.S. EPA. The groundwater underlying the site is contaminated.
Not reported
This site is the active or operational portion of a 243-acre rail yard. Routine maintenance and major diesel locomotive service and repair have been conducted at this site for nearly 100 years. Areas of concern include large holding ponds, several former aboveground and underground tank locations and a rubbish pile. Contaminants are principally oil, grease, and diesel from fueling areas, spills, or as a result of derailments. In addition, solvents that were used as cleaning agents or in metal work are potential contaminants in maintenance areas. Wastewater treatment ponds and rubbish piles are potential sources of groundwater contamination.
Possible exposure pathways include direct contact, groundwater, and possible surface runoff into the Los Angeles River. Possible receptors include workers and visitors to the site and downgradient groundwater users. There are also potential environmental impacts to wetland areas adjacent to the Los Angeles River.
Past activities at the site include a Hydrological Assessment Report (HAR) conducted for the RWQCB, ballast removal, soil analysis of contaminated areas underlying track in the maintenance yard, and treatability studies. An Enforceable Agreement was entered into in April 1990.
Comments Date: 03191996
Comments: approximately 1 month before the area is sampled.
Comments Date: 05051994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: being delayed due to problems with subcontractor responsible for
Comments Date: 11041996
Comments: samples collected during installation of VEW-11 revealed 1,100
Comments Date: 11041996
Comments: ug/kg of PCE at 32.5 feet bgs. Concentrations greater than clean
Comments Date: 11041996
Comments: up goal of 860 ug/kg.
Comments Date: 11121999
Comments: CEQA Initial Study for Active Yard was approved.
Comments Date: 11121999
Comments: Not reported
Comments Date: 11181999
Comments: Public comment period ended and CEQA for Neg Dec was approved.
Comments Date: 11181999
Comments: Not reported
Comments Date: 11201991
Comments: Sale Parcel:
Comments Date: 11201991
Comments: Design (STOCK): Design of stockpile removal action.
Comments Date: 11241987
Comments: Site Screening Done: Site listed in BEP. RWQCB lead site.
Comments Date: 11301994
Comments: Phase I of the RI/FS is complete and documented in
Comments Date: 11301994
Comments: "Field Investigation Report-Phase I Initiation of Ground
Comments Date: 11301994
Comments: Water Monitoring". Phase II of the investigation is
Comments Date: 11301994
Comments: scheduled to begin 12/94. Phase II will involve an
Comments Date: 11301994
Comments: evaluation of historical records, a soil gas vapor survey of
Comments Date: 11301994
Comments: the Active Yard and results of the GW monitoring. Public
Comments Date: 11301994
Comments: meetings to kick-off the RI/FS Active Yard will be held
Comments Date: 11301994
Comments: Dec. 6&7, 1994 in the neighboring communities.
Comments Date: 11301994
Comments: Not reported
Comments Date: 11301994
Comments: Sale Parcel:
Comments Date: 11301994
Comments: The reports documenting completion of the interim remedial
Comments Date: 11301994
Comments: measures and the hump yard removal action have been submitted to
Comments Date: 11301994
Comments: the Department and is being reviewed. Sampling of the North East
Comments Date: 11301994
Comments: property boundary indicates that VOC contamination is above the
Comments Date: 11301994
Comments: proposed clean-up goals in the fine grain layer (clay, silt).
Comments Date: 11301994
Comments: Plans are being made to continue the operation of the soil vapor
Comments Date: 11301994
Comments: extraction system on and off to further remediate the area.
Comments Date: 11301994
Comments: Further sampling of fine grain layers will be performed to

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 11301994
Comments: evaluate the efficiency of the treatment system.
Comments Date: 12011997
Comments: Active Yard:
Comments Date: 12011997
Comments: Addendum Phase III WP submitted, reviewed, and approved.
Comments Date: 12011997
Comments: Additional work to include CPT survey, soil matrix sampling
Comments Date: 12011997
Comments: and installations of 10-14 GW Monitoring wells.
Comments Date: 12011997
Comments: Sale Parcel:
Comments Date: 12011997
Comments: ERM currently preparing leadsread evaluation for humpyard.
Comments Date: 12011997
Comments: Schedule to submit Explanations of significant differences
Comments Date: 12011997
Comments: proposing eliminations of deed restriction requirement.
Comments Date: 12011997
Comments: Not reported
Comments Date: 12011997
Comments: LNAPL Workplan scheduled to be submitted 12/97. To include
Comments Date: 12011997
Comments: installation of 4 Groundwater monitoring wells.
Comments Date: 12012003
Comments: DTSC approved the RAW for Parcel G1 recommending the soil
Comments Date: 12012003
Comments: removal at four areas of elevated constituents concentration were
Comments Date: 12012003
Comments: identified, after the data were compared with the industrial use
Comments Date: 12012003
Comments: standards for the Site.
Comments Date: 12021998
Comments: The Phase 4 field work began.
Comments Date: 12021998
Comments: Not reported
Comments Date: 12051994
Comments: Sale Parcel:
Comments Date: 12051994
Comments: DTSC reviewed the preliminary results of the sampling performed
Comments Date: 12051994
Comments: for evaluation of the Soil Gas Vapor Extraction System (SGVES).
Comments Date: 12051994
Comments: DTSC has determined that the SGVES has been effective in remedia-
Comments Date: 12051994
Comments: ting the coarse grain soils along the Northeast Property
Comments Date: 12051994
Comments: Boundary. DTSC recommends the continued on-off cyclical operation
Comments Date: 12051994
Comments: of the SGVES.
Comments Date: 12081998
Comments: A Prospective Purchaser Agreement was signed between DTSC and
Comments Date: 12081998
Comments: Media Tech Center, LLC, a Delaware Limited Liability Company,
Comments Date: 12081998
Comments: which intends to redevelop approximately 50 acres into media/
Comments Date: 12081998

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: technical related use projected to include up to 12 new
Comments Date: 12081998
Comments: buildings and 2,200 jobs.
Comments Date: 12101991
Comments: Sale Parcel:
Comments Date: 12101991
Comments: Design (HUMP): Design of lead area.
Comments Date: 12112000
Comments: DTSC's Response to the Closure of Taylor Yard Sale Parcel
Comments Date: 12112000
Comments: Activities.
Comments Date: 12271999
Comments: Notice of Determination package was completed.
Comments Date: 12282004
Comments: Remedial Investigation (Parcel G2, Active Yard), Data Summary
Comments Date: 12282004
Comments: Report. The Report describes the results of the Remedial
Comments Date: 12282004
Comments: Investigation (RI) conducted for the active Yard (Parcel G2).
Comments Date: 12282004
Comments: This work was to assess the extent of soil impacts at the 49
Comments Date: 12282004
Comments: Ave. Site.
Comments Date: 12302004
Comments: Report of Completion of Parcel G1. The Report provides the
Comments Date: 12302004
Comments: results of excation activities performed at Parcel G1. The
Comments Date: 12302004
Comments: Report documents closure of soil at Parcel G1 meeting industrial
Comments Date: 12302004
Comments: level.
Comments Date: 03202002
Comments: Final Semi-Annual Groundwater Monitoring Report was submitted
Comments Date: 03202002
Comments: for DTSC review.
Comments Date: 03241997
Comments: Phase III field work, soil and GW sampling, scheduled to
Comments Date: 03241997
Comments: begin 3/25/97.
Comments Date: 03241997
Comments: Not reported
Comments Date: 03241997
Comments: Sale Parcel:
Comments Date: 03241997
Comments: NPB closure report being prepared. Due 3/31/97.
Comments Date: 03302005
Comments: DTSC received the Interim Remedial Measures (IRM) Effectiveness
Comments Date: 03302005
Comments: Report. The purpose of this report is to evaluate the results
Comments Date: 03302005
Comments: of the soil vapor extraction (SVE) remediation program at Parcel
Comments Date: 03302005
Comments: G2 of UPRR Taylor Yard site.
Comments Date: 03311992
Comments: Removal Action: Rubbish pile removal.
Comments Date: 03311992
Comments: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 03311992
Comments: Sale Parcel:
Comments Date: 03311992
Comments: Removal Action: Removal/Stockpile of TPH-contaminated soil.
Comments Date: 03311992
Comments: Design (NPB): Northeast property boundary design of vapor
Comments Date: 03311992
Comments: extraction system for chlorinated solvents. Majority of soil
Comments Date: 03311992
Comments: excavated during removal action came from active yard.
Comments Date: 03311998
Comments: Active Yard
Comments Date: 03311998
Comments: Phase III FIR scheduled to be submitted 04/15/98. Delays
Comments Date: 03311998
Comments: experienced due to large volume of data.
Comments Date: 03311998
Comments: Not reported
Comments Date: 03311998
Comments: Sale Parcel
Comments Date: 03311998
Comments: Pilot Study initiated 03/16/98. Undergoing period of adjustments
Comments Date: 03311998
Comments: for optimization. Fact Sheet regarding ESD/PSCA near final.
Comments Date: 03311998
Comments: Not reported
Comments Date: 04011998
Comments: Fact Sheet #10 was issued.
Comments Date: 04061995
Comments: Sale Parcel:
Comments Date: 04061995
Comments: SGVES continues to operate on and off; and is treating the area
Comments Date: 04061995
Comments: behind Weiland Automotive. This area continues to show evidence
Comments Date: 04061995
Comments: of contamination above soil remediation goals (SRGs). The system
Comments Date: 04061995
Comments: has shut down periodically due to maintenance of equipment and
Comments Date: 04061995
Comments: problems with rains. Preliminary soil matrix data indicates the
Comments Date: 04061995
Comments: area behind Profile Plastics has been remediated below SRGs.
Comments Date: 04071995
Comments: Soil gas vapor survey was initiated and the 4th Quarter
Comments Date: 04071995
Comments: GW monitoring report was submitted to DTSC for review.
Comments Date: 04071995
Comments: The report provides preliminary information of the
Comments Date: 04071995
Comments: contouring of VOC contamination of GW under the site.
Comments Date: 04141996
Comments: Sale Parcel:
Comments Date: 04141996
Comments: NPB area behind Weiland Automotive will be re-sampled to determine
Comments Date: 04141996
Comments: whether cleanup goals have been achieved.
Comments Date: 04161996

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: The draft Phase II Investigation Report, which includes the
Comments Date: 04161996
Comments: results of the Soil Gas Vapor Survey, was submitted to DTSC
Comments Date: 04161996
Comments: for review. The Work Plan for Phase III was also submitted.
Comments Date: 04161996
Comments: The Removal Action Work Plan was approved for the chemical
Comments Date: 04161996
Comments: treatment of the soil stockpile (about 10,000 cy) generated
Comments Date: 04161996
Comments: during the excavation of the access road. This soil will be
Comments Date: 04161996
Comments: reused as fill for Parcel J after the treatment process. It
Comments Date: 04161996
Comments: currently passes the TCLP, but not CA STLC.
Comments Date: 04161996
Comments: The Taylor Yard will be used to achieve the desired goals.
Comments Date: 04161996
Comments: An Initial Study and Negative Declaration were prepared and
Comments Date: 04161996
Comments: filed on March 18, 1996. Treatment of the soil is scheduled
Comments Date: 04161996
Comments: to begin in April 1996.
Comments Date: 04161997
Comments: Closure report for treatment of Soil Piles (20,000 cy) generated
Comments Date: 04161997
Comments: from Debris Piles finalized and approved. Removal actions
Comments Date: 04161997
Comments: complete. Treated soil used as fill on Sale Parcel.
Comments Date: 04161997
Comments: Not reported
Comments Date: 04161997
Comments: Phase III field work, soil matrix and groundwater sampling,
Comments Date: 04161997
Comments: completed. Draft Phase III report scheduled August, 1997.
Comments Date: 04161997
Comments: Not reported
Comments Date: 04161997
Comments: Sale Parcel:
Comments Date: 04161997
Comments: Draft Vapor Extraction System Closure Report (aka NPB) submitted
Comments Date: 04161997
Comments: for DTSC review on 4/1/97.
Comments Date: 04181997
Comments: Twenty thousand (20,000) cubic yards of lead contaminated soil
Comments Date: 04181997
Comments: were treated by chemical fixations to reduce the level of
Comments Date: 04181997
Comments: soluble lead. The soil was generated from the excavation of
Comments Date: 04181997
Comments: the debris pile. The debris pile was excavated to allow for
Comments Date: 04181997
Comments: the construction of the access road onto Taylor Yard and
Comments Date: 04181997
Comments: Metrolink. The treated soil was used as fill on the Sale
Comments Date: 04181997
Comments: Parcel. Between the access road and the soil pile storage

Map ID
Direction
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Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 04181997
Comments: area, four (4) acres were released for reuse.
Comments Date: 04281998
Comments: LNAPL Investigation Report (Northeast Property Boundary, Sale
Comments Date: 04281998
Comments: Parcel was submitted to DTSC.)
Comments Date: 05011998
Comments: FIR Phase III was submitted to DTSC.
Comments Date: 05011998
Comments: Not reported
Comments Date: 05051994
Comments: Removal Action was performed in Summer 1993 and consisted of
Comments Date: 05051994
Comments: the excavation of approximately 27,000 cubic yards of soil
Comments Date: 05051994
Comments: and debris from the south-eastern portion of the active yard
Comments Date: 05051994
Comments: Removal action was required as part of the local fire dept.
Comments Date: 05051994
Comments: requirement of a fire access road leading into MTA
Comments Date: 05051994
Comments: property. Area excavated was previous fuel tank farm area.
Comments Date: 05051994
Comments: Soil exhibited elevated level of soluble lead, some VOC and
Comments Date: 05051994
Comments: TPH. Industrial Compliance is conducting an Engineering
Comments Date: 05051994
Comments: Evaluation/Cost Analysis (EE/CA) to determine best treatment
Comments Date: 05051994
Comments: disposal alternative for the excavated material. Material
Comments Date: 05051994
Comments: currently being stored north-western portion of site. EE/CA
Comments Date: 05051994
Comments: is scheduled to be completed May 13 & undergo public comment
Comments Date: 05051994
Comments: early this summer. Phase I RI/FS for GW (which encompasses
Comments Date: 05051994
Comments: sale parcel) has been completed and under Dept. review. RI/
Comments Date: 05051994
Comments: FS for active yard projected to take 2-3 more phases. Pre-
Comments Date: 05051994
Comments: limary data indicates most elevated VOC concentrations along
Comments Date: 05051994
Comments: northeast property boundary.
Comments Date: 05051994
Comments: Not reported
Comments Date: 05051994
Comments: Sale Parcel:
Comments Date: 05051994
Comments: SGVES system was started up November 1993 and operated for one
Comments Date: 05051994
Comments: month with a number of technical difficulties. After the dismissal
Comments Date: 05051994
Comments: of subcontractor who designed and operated system, and modifica-
Comments Date: 05051994
Comments: tions to system, it was restarted in April 1993. System scheduled
Comments Date: 05051994

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EDR ID Number
EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: to operate another two months. At end of two month period, soil
Comments Date: 05051994
Comments: samples to be collected to verify achievement of clean-up goals.
Comments Date: 05051994
Comments: removal of treated material from site.
Comments Date: 05171997
Comments: (Taylor Yard Sale Parcel); Closure report verbal comments
Comments Date: 05171997
Comments: provided 5/14/97 Report to be revised and submitted for DTSC
Comments Date: 05171997
Comments: reveiw late May 1997.
Comments Date: 05171997
Comments: Not reported
Comments Date: 06092000
Comments: Soil Vapor Extraction System was started.
Comments Date: 06211995
Comments: Sale Parcel:
Comments Date: 06211995
Comments: During efforts to collect confirmation samples along NPB, Weiland
Comments Date: 06211995
Comments: Automotive, saturation of the area to be sampled (28' - 34' bgs)
Comments Date: 06211995
Comments: was observed. The area is to be monitored to evaluate presence
Comments Date: 06211995
Comments: of groundwater. Vapor Extraction System to be shut down in the
Comments Date: 06211995
Comments: interim.
Comments Date: 06271997
Comments: Sale Parcel:
Comments Date: 06271997
Comments: The OU was listed in CalSites as a separate site because it was
Comments Date: 06271997
Comments: thought that there was no groundwater impact at the site. We
Comments Date: 06271997
Comments: decided in June 1997 that in fact there was sufficient
Comments Date: 06271997
Comments: contamination to warrant cleanup work at the OU. Consequently,
Comments Date: 06271997
Comments: we decided in April 1996 to recombine the two sites because the
Comments Date: 06271997
Comments: OU required GW work.
Comments Date: 06272001
Comments: Phase 5 Remedial Investigation Report has been approved.
Comments Date: 07171998
Comments: Active Yard:
Comments Date: 07171998
Comments: Phase III Report and Phase IV Workplan were approved.
Comments Date: 07171998
Comments: Not reported
Comments Date: 07171998
Comments: Sale Parcel:
Comments Date: 07171998
Comments: Draft Engineering Evaluation/Cost Analysis Study was submitted
Comments Date: 07171998
Comments: to DTSC on 08/03/98.
Comments Date: 07171998
Comments: Not reported

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Site

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EDR ID Number
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SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 07171998
Comments: Draft CEQA Initial Study for soil vapor extraction is under
Comments Date: 07171998
Comments: development.
Comments Date: 07241997
Comments: Sale Parcel:
Comments Date: 07241997
Comments: NPB closure report approved 7/3/97. Partial site closure of
Comments Date: 07241997
Comments: Sale Parcel pending approval of deed restrictions.
Comments Date: 07241997
Comments: Not reported
Comments Date: 07241997
Comments: Active Yard:
Comments Date: 07241997
Comments: Meeting scheduled for 7/29/97 to discuss preliminary results
Comments Date: 07241997
Comments: of FIR III (said matrix sampling) and report format and
Comments Date: 07241997
Comments: contents.
Comments Date: 08011996
Comments: Comments issued on draft Phase II Field Investigation Report
Comments Date: 08011996
Comments: and Phase III Workplan.
Comments Date: 08011996
Comments: Not reported
Comments Date: 08011996
Comments: Sale Parcel:
Comments Date: 08011996
Comments: NPB SGVS experiencing problems with saturation, this causes shut
Comments Date: 08011996
Comments: downs. Efforts are being made to continue operations through the
Comments Date: 08011996
Comments: fiscal year.
Comments Date: 08012003
Comments: Parcel G1 Supplemental Site Investigation Report, investigation
Comments Date: 08012003
Comments: of Parcel G1 included drilling and sampling of 54 soil borings,
Comments Date: 08012003
Comments: the samples were analysed for VOCs, SVOCs, metals and TPH.
Comments Date: 08021999
Comments: Removal Action Workplan for Active Yard was submitted.
Comments Date: 08021999
Comments: Not reported
Comments Date: 08121999
Comments: The final RAW Work Phase for LNAPL Study Area, Sale Parcel, was
Comments Date: 08121999
Comments: approved.
Comments Date: 08131999
Comments: The CEQA Initial Study for RAW, Active Yard was sent to
Comments Date: 08131999
Comments: Sacramento (Program Audits & Environmental Analysis). Fact
Comments Date: 08131999
Comments: Sheet No. 12 is under preparation.
Comments Date: 08181999
Comments: Notice of Determination package for LNAPL Study Area was
Comments Date: 08181999

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SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: completed.
Comments Date: 08191999
Comments: LNAPL Removal Action Workplan for the Northeast Property
Comments Date: 08191999
Comments: Boundary (NPB), Sale Parcel, Taylor Yard, was approved.
Comments Date: 08191999
Comments: Not reported
Comments Date: 08271998
Comments: Draft Fact Sheet #11 was submitted to DTSC.
Comments Date: 08271998
Comments: Not reported
Comments Date: 09011987
Comments: Site reported for Proposition 65.
Comments Date: 09072000
Comments: Draft Phase V Investigation Report was submitted to DTSC.
Comments Date: 09152000
Comments: Letter - Closure of Taylor Yard Sale Parcel Activities from RP.
Comments Date: 09171998
Comments: Draft CEQA Initial Study for soil vapor extraction (LNAPL Study
Comments Date: 09171998
Comments: Area, Sale Parcel was submitted to the Office of Program Audits
Comments Date: 09171998
Comments: and Environmental Analysis.
Comments Date: 09241997
Comments: Sale Parcel:
Comments Date: 09241997
Comments: Partial site closure of sale parcel pending negotiations of deed
Comments Date: 09241997
Comments: restrictions.
Comments Date: 09241997
Comments: Not reported
Comments Date: 09241997
Comments: Active Yard:
Comments Date: 09241997
Comments: Consultant changed from Terranext to ERM. Meeting scheduled
Comments Date: 09241997
Comments: for 10/01/97 to discuss future work on site and data gaps in
Comments Date: 09241997
Comments: RI, based on review of Phase III preliminary data.
Comments Date: 09241997
Comments: Not reported
Comments Date: 09291995
Comments: Sale Parcel:
Comments Date: 09291995
Comments: During the course of monitoring of NPB for presence of a perched
Comments Date: 09291995
Comments: groundwater zone, and oil like material has been identified in
Comments Date: 09291995
Comments: some of the wells behind Profile Plastics. Lab analysis of
Comments Date: 09291995
Comments: material indicates its an oil with carbon chains similar to
Comments Date: 09291995
Comments: hydraulic oil or motor oil, but it matches neither.
Comments Date: 10011997
Comments: Active Yard:
Comments Date: 10011997
Comments: Meeting was held with ERM to discuss preliminary results of

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SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 10011997
Comments: Phase III soil matrix/groundwater sampling. ERM to prepare
Comments Date: 10011997
Comments: addendum workplan to fill data gaps indentified. Work pro-
Comments Date: 10011997
Comments: posed for end of the year.
Comments Date: 10011997
Comments: Not reported
Comments Date: 10011997
Comments: Sale Parcel:
Comments Date: 10011997
Comments: Meeting held to discuss LNAPL along NPB. ERM to prepare WP
Comments Date: 10011997
Comments: for installation of additional off site groundwater monitoring
Comments Date: 10011997
Comments: wells.
Comments Date: 10011997
Comments: Not reported
Comments Date: 10011997
Comments: ERM to perform leadsread evaluation of Pb conc-s
Comments Date: 10011997
Comments: remaining in Humpyard.
Comments Date: 10031996
Comments: Sale Parcel:
Comments Date: 10031996
Comments: VEW 10 has been abandoned due to infiltration of perched ground-
Comments Date: 10031996
Comments: water impeding operation of VES. New well (VEW 11) installed
Comments Date: 10031996
Comments: within fine grained horizon, screen below top of perched zone
Comments Date: 10031996
Comments: designed to eliminate perched GW infiltration.
Comments Date: 10051999
Comments: Phase 5 Workplan for Active Yard was submitted to DTSC.
Comments Date: 10051999
Comments: Not reported
Comments Date: 10071998
Comments: Draft Engineering Evaluation/Cost Analysis Study was approved.
Comments Date: 10071998
Comments: Not reported
Comments Date: 10071998
Comments: Phase Y Investigation - Soil Vapor Extraction Pilot Study
Comments Date: 10071998
Comments: Report was submitted to DTSC.
Comments Date: 10181999
Comments: Fact Sheet #12 and CEQA NEGDEC for the RAW Active Yard was
Comments Date: 10181999
Comments: submitted for public comment.
Comments Date: 11012003
Comments: A Removal Action Workplan was developed to address the four
Comments Date: 11012003
Comments: impacted areas of Parcel G1.
Comments Date: 11022001
Comments: Draft Remedial Investigation Summary was submitted to DTSC.
Comments Date: 11022001
Comments: Not reported
Comments Date: 11041996

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SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: Sale Parcel:
Comments Date: 11041996
Comments: Saturation within fine grain horizons found to infiltrate(VEW 11)
Comments Date: 03191996
Comments: cally has exhibited PCE contamination. The system will run
Comments Date: 05051994
Comments: Final completion of other remedial measures identified in RAP is
Comments Date: 11041996
Comments: after one day of operation and impedes treatment. Soil matrix
Comments Date: 01011980
Comments: Facility identified. Local inspection found leaking rinse
Comments Date: 01011980
Comments: tank. Now corrected.
Comments Date: 01062000
Comments: The revised RAW for Active Yard was adopted.
Comments Date: 01091985
Comments: Preliminary Assessment submitted to EPA.
Comments Date: 01091996
Comments: Sale Parcel:
Comments Date: 01091996
Comments: A Rapid Optical Screening Tool/Cone Penetrometer (ROST/CP)
Comments Date: 01091996
Comments: investigation in 10/95 to determine the extent of the perch zone
Comments Date: 01091996
Comments: and extent of the product. The investigation revealed that the
Comments Date: 01091996
Comments: perched zone is laterally continuous beyond the NPB. The oily
Comments Date: 01091996
Comments: layer was identified as a light non-aqueous phase liquid (LNAPL)
Comments Date: 01091996
Comments: limited to the area behind Profile Plastics. Based on the ROST's
Comments Date: 01091996
Comments: fluorescent fingerprint, it resembles diesel fuel. Additional
Comments Date: 01091996
Comments: monitoring wells (about 20) will be installed to monitor the
Comments Date: 01091996
Comments: area. The discovery of the LNAPL is not included in the RAP and
Comments Date: 01091996
Comments: will be managed as a separate operable unit.
Comments Date: 01211999
Comments: Partial Remedial/Removal Action W.P. was submitted to DTSC.
Comments Date: 01211999
Comments: Not reported
Comments Date: 01232001
Comments: Comments on Phase V Remedial Investigation Report.
Comments Date: 01301997
Comments: Phase II Field Investigation Report and Phase III Workplan
Comments Date: 01301997
Comments: revised, finalized and approved by DTSC. Phase III field work
Comments Date: 01301997
Comments: scheduled to begin Feb/March 1997. Draft Phase III report
Comments Date: 01301997
Comments: scheduled 10/97.
Comments Date: 02011984
Comments: Preliminary Assessment Done (RCRA 3012): Cleaning locomotive
Comments Date: 02011984
Comments: parts with caustic solutions (CERCLA notification). In

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SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments Date: 02011984
Comments: operation since 1980. Generated forty tons/year of hazardous
Comments Date: 02011984
Comments: wastes and disposed at BKK, West Covina.
Comments Date: 02011984
Comments: Facility Drive-By: Abandoned Site Assessment Program staff.
Comments Date: 02011998
Comments: Active Yard
Comments Date: 02011998
Comments: Phase III field work complete. Field Investigation Report
Comments Date: 02011998
Comments: scheduled to come in March/April 98.
Comments Date: 02011998
Comments: Not reported
Comments Date: 02011998
Comments: Sale Parcel
Comments Date: 02011998
Comments: LNAPL WP reviewed and approved. Remediation Pilot text WP
Comments Date: 02011998
Comments: portion under review.
Comments Date: 02011998
Comments: Not reported
Comments Date: 02011998
Comments: Explanation of Significant Differences prepared for elimination
Comments Date: 02011998
Comments: of Deed Restriction requirement from Hump Yard. Public Notice
Comments Date: 02011998
Comments: published 01/31/98 in local papers. Documentation available
Comments Date: 02011998
Comments: in info repositories.
Comments Date: 02112000
Comments: Addendum to Phase V Investigation Plan was approved by DTSC.
Comments Date: 02161999
Comments: Fact Sheet No. 11 was sent to the public.
Comments Date: 02161999
Comments: Not reported
Comments Date: 02271998
Comments: Active Yard
Comments Date: 02271998
Comments: No change.
Comments Date: 02271998
Comments: Not reported
Comments Date: 02271998
Comments: Sale Parcel
Comments Date: 02271998
Comments: DTSC's comments were provided on Pilot Study. Consultant
Comments Date: 02271998
Comments: submitted revised Pilot Study 2/24 for DTSC's review.
Comments Date: 02271998
Comments: Not reported
Comments Date: 02271998
Comments: Fact Sheet for ESD PSCA under development.
Comments Date: 03061998
Comments: Partial Remediation for Sale Parcel was approved.
Comments Date: 03061998
Comments: Not reported
Comments Date: 03191996

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EPA ID Number

SOUTHERN PACIFIC TRANSPORTATION COMPANY - TAYLOR YARD (Continued)

S100833299

Comments: Sale Parcel:
Comments Date: 03191996
Comments: The perched water has dissipated and the Soil Gas Vapor System
Comments Date: 03191996
Comments: (SGVS) has been restarted. In February an additional vapor
Comments Date: 03191996
Comments: extraction well will be constructed (VEW-10). It is designed to
Comments Date: 03191996
Comments: extract from the fine grained zone (30-33ft bgs) which histori-
ID Name: CALSTARS CODE
ID Value: 300358
ID Name: BEP DATABASE PCODE
ID Value: P31063
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD000628131
Alternate Name: SO PACIFIC TRANS CO - LOCOMOTIVE PLANT
Alternate Name: SO PACIFIC TRANS CO - TAYLOR YARD
Alternate Name: SOUTHERN PACIFIC - TAYLOR YARD/ACTIVE
Alternate Name: TAYLOR YARD ACTIVE PARCEL
Alternate Name: SALE PARCEL
Alternate Name: SOUTHERN PAC - TAYLOR YARD SALE PARCEL
Alternate Name: UNION PACIFIC RAILROAD (UPRR) TAYLOR YAR
Alternate Name: Not reported
Special Programs Code: R3012
Special Programs Name: RCRA 3012

CA BOND EXP. PLAN:

Responsible Party: RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: The responsible party is Southern Pacific Transportation Company. DHS will be issuing a remedial action order or entering into an enforceable agreement with the responsible party. DHS has budgeted \$75,000 for oversight/monitoring of the IRM cleanup efforts. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The responsible party will pay all costs associated with the remedial investigation and site remediation activities.
Site Description: Southern Pacific Transportation Company, Taylor Yard, is a diesel engine repair yard.
Hazardous Waste Desc: The major contaminants are oil and grease, and small amounts of heavy metals. Solvents are suspected contaminants. The site area requiring immediate remediation (IRMs) contains railroad ballast which was excavated when new ties were placed. The contaminated ballast is piled on concrete pads onsite awaiting treatment (a method of soil-washing). A preliminary assessment/site investigation must be conducted to characterize the nature and general extent of the contamination of the entire site.
Threat To Public Health & Env: The site is located near the Los Angeles River which is not used for drinking water supplies. Contaminant migration is possible via airborne emissions and ground water. Ground water contamination is suspected but has not yet been verified.
Site Activity Status: DHS is acting in an advisory role for the interim remedial measures. The responsible party requested a variance for the soil-washing treatment process (the interim remedial measure). DHS granted the variance and Southern Pacific Transportation Company has commenced the soil-washing treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W153
SW
1/4-1/2
0.468 mi.
2471 ft.

SP, TAYLOR YARD
2800 KERR STREET
L.A., CA 90039
Site 8 of 8 in cluster W

CA Toxic Pits **S100925070**
N/A

Relative:
Lower
Actual:
364 ft.

TOXIC PITS:
Region: 04
Task #: 84015
Owner: SOUTHERN PACIFIC TRANS. CO.
1/2 Mi Limit: Y
Num. of Pits: 1
Cease Discharge Due: 06/01/90
Cease Discharge Complete: / /
Closure Due: 04/30/91
Closure Completed: 08/01/91
Status: CLOSED
Hydro Geological Assessment Report Due: / /
Final Hydro Geological Assessment Review Completed: / /

154
South
1/2-1
0.618 mi.
3262 ft.

GRANTHAM FOLDER CORP
2424 SAN FERNANDO RD
LOS ANGELES, CA 90065

CA ENVIROSTOR **S106769231**
CA WIP **N/A**

Relative:
Lower
Actual:
372 ft.

ENVIROSTOR:
Name: TABERY CORPORATION
Address: 2424 SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19500129
Status: No Further Action
Status Date: 04/01/1985
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.10614
Longitude: -118.2402
APN: 5457002002
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: 31000-NO
Potential Description: NMA
Alias Name: GRANTHAM FOLDER CORPORATION (1984-PRES)
Alias Type: Alternate Name
Alias Name: SOUTHERN CALIF DISINFECTING CO
Alias Type: Alternate Name

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRANTHAM FOLDER CORP (Continued)

S106769231

Alias Name: 5457002002
Alias Type: APN
Alias Name: CAD980884910
Alias Type: EPA Identification Number
Alias Name: 19500129
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/15/1982
Comments: FACILITY IDENTIFIED ID'D BY LOS ANGELES CHAM COMM DIR 63-64.
DISINFECTANTS; CLEANING COMPOUNDS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/27/1994
Comments: DATABASE VERIFICATION PROJECT CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1985
Comments: T/C W/ T.KING,MILES,714-645-7000,1/85 - 1)SOURCE ACT: ADVERTISING & PAINTING (GRANTHAM)LANUDRY EQUIP DISTR, NO WASTE 2)WASTE: REMOVED TO PAINT DISTRIBUTOR SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

WIP:

Name: GRANTHAM FOLDER CORP
Address: 2424 San Fernando Rd
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.5655
File Status: Historical
Staff: AZASZKOD
Facility Suite: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

155
 WSW
 1/2-1
 0.688 mi.
 3634 ft.

**SAN FERNANDO VALLEY (AREA 4)
 POLLOCK WELLFIELD
 LOS ANGELES, CA 90086**

**NPL 1000710135
 SEMS CAD980894976
 CA ENVIROSTOR
 CA HIST Cal-Sites
 PRP
 CA Cortese
 CA HIST CORTESE**

**Relative:
 Lower**

**Actual:
 377 ft.**

NPL:
 EPA Region: 9
 EPA ID: CAD980894976
 Site ID: 902253
 Name: SAN FERNANDO VALLEY (AREA 4)
 Address: POLLOCK WELLFIELD
 City,State,Zip: LOS ANGELES, CA 90086
 Federal: N
 Final Date: 1986-06-10 00:00:00
 Latitude: 34.112081
 Longitude: -118.2539
 Site Score: 35.57
 NAI: Not reported
 Native American Entity: Not reported

NPL:
 NPL Status: Currently on the Final NPL
 Substance ID: Not reported
 CAS Number: Not reported
 Substance: Not reported
 Pathway: Not reported
 Scoring: Not reported

NPL Status: Currently on the Final NPL
 Substance ID: U078
 CAS Number: 75-35-4
 Substance: DICHLOROETHENE, 1,1-
 Pathway: GROUND WATER PATHWAY
 Scoring: 4

NPL Status: Currently on the Final NPL
 Substance ID: U210
 CAS Number: 127-18-4
 Substance: TETRACHLOROETHENE
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

NPL Status: Currently on the Final NPL
 Substance ID: U228
 CAS Number: 79-01-6
 Substance: TRICHLOROETHYLENE (TCE)
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

Summary Details:

Conditions at proposal (October 15, 1984): San Fernando Valley Area 4) is an area of contaminated ground water in the Pollock Well Field area in the City of Los Angeles, Los Angeles County, California. The area is part of the San Fernando Valley Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

area of approximately 5,860 acres, contains perchloroethylene PCE), according to tests conducted by the California Department of Health Services, as well as numerous local government agencies. The State's recommended drinking water guideline for PCE (4 parts per billion) is exceeded in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with water from clean sources to ensure that the public receives water with concentrations below the State's guideline. Status June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area. The RI is scheduled to begin in early 1986.

NPL:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer <= 10 Feet
Category Value: 1

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population > 0 And <= 1/4 Mile
Category Value: 10

NPL:

NPL Name: SAN FERNANDO VALLEY (AREA 4)

NPL:

EPA Region: 09
Site ID: 0902253
Site Status: F
Federal Site: N
Date Deleted: Not reported
Date Finalized: 06/10/86
Date Proposed: 10/15/84

NPL:

Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported
NPL Status: Final

SEMS:

Site ID: 0902253
EPA ID: CAD980894976
Name: SAN FERNANDO VALLEY (AREA 4)
Address: POLLOCK WELLFIELD
Address 2: Not reported
City, State, Zip: LOS ANGELES, CA 90086
Cong District: 28,30
FIPS Code: 06037
Latitude: 34.112081
Longitude: -118.253900
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

SEMS Detail:

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1985-03-18 06:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 02
Action Code: CO
Action Name: RI/FS
SEQ: 2
Start Date: 2015-08-15 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: FP
Action Name: FPA
SEQ: 1
Start Date: 1984-08-23 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1984-10-15 05:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Finish Date: 10/15/1984 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1986-06-10 04:00:00
Finish Date: 6/10/1986 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 2012-08-08 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 1991-06-17 04:00:00
Finish Date: 6/17/1991 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: HR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Action Name: HAZRANK
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 01
Action Code: ED
Action Name: R/H ASMT
SEQ: 1
Start Date: 1992-12-15 05:00:00
Finish Date: 12/15/1992 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-12-01 05:00:00
Finish Date: 12/1/1983 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

FF: N
OU: 01
Action Code: JF
Action Name: ECO RISK
SEQ: 1
Start Date: 1992-12-15 05:00:00
Finish Date: 12/15/1992 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0902253
EPA ID: CAD980894976
Site Name: SAN FERNANDO VALLEY (AREA 4)
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 1985-08-16 05:00:00
Finish Date: 12/15/1992 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

ENVIROSTOR:

Name: SAN FERNANDO VALLEY (AREA 4)
Address: POLLOCK WELLFIELD
City,State,Zip: LOS ANGELES, CA 90086
Facility ID: 19990009
Status: Certified / Operation & Maintenance
Status Date: 01/01/1999
Site Code: 300129
Site Type: Federal Superfund
Site Type Detailed: State Response or NPL
Acres: 5829
NPL: YES
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Laura Radke
Supervisor: Juli Propes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.12944
Longitude: -118.2641
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, METAL PLATING - CHROME, RESEARCH
- AEROSPACE

Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
Trichloroethylene (TCE Chromium III Chromium VI
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
Trichloroethylene (TCE Chromium III Chromium VI
Potential Description: AQUI, SOIL, WELL
Alias Name: POLLOCK AREA; OVERALL BASIN SCHEDULE
Alias Type: Alternate Name
Alias Name: SAN FERNANDO VALLEY GW BASIN AREA 4
Alias Type: Alternate Name
Alias Name: CAD980894976
Alias Type: CERCLIS ID
Alias Name: 110009329182
Alias Type: EPA (FRS #)
Alias Name: P31034
Alias Type: PCode
Alias Name: 300129
Alias Type: Project Code (Site Code)
Alias Name: 19990009
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 11/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 07/08/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 03/04/2021
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/06/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/16/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/05/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/20/2015
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation Report
Future Due Date: 2024

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Calsite:

Name: SAN FERNANDO VALLEY (AREA 4)
Address: POLLOCK WELLFIELD
City: LOS ANGELES
Region: GLENDALE
Facility ID: 19990009
Facility Type: NPJF
Type: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 01011984
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 99
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 43
State Senate District Code: 21
Facility ID: Not reported
Activity: Not reported
Activity Name: Not reported
AWP Code: Not reported
Proposed Budget: Not reported
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: Not reported
Est Person-Yrs to complete: Not reported
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: Not reported
Definition of Status: Not reported
Liquids Removed (Gals): Not reported
Liquids Treated (Gals): Not reported
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

MAP FINDINGS

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: Not reported
For Industrial Reuse: Not reported
For Residential Reuse: Not reported
Unknown Type: Not reported
Alternate Address: POLLOCK WELLFIELD
Alternate City,St,Zip: LOS ANGELES, CA 90086
Background Info:

The San Fernando Valley Ground Water Basin (SFVGWB) is located within the Upper Los Angeles River Area and consists of the eastern portion of the San Fernando Valley and the entire Verdugo Basin. The SFVGWB encompasses approximately 112,000 acres of alluvial valley fill deposits and provides enough water to serve approximately 600,000 residents. The Basin is bounded on the north and the northwest by the Santa Susana Mountains, on the northeast by the San Gabriel Mountains, on the west by the Simi Hills and on the south by the Santa Monica Mountains.

The San Fernando Valley Study area includes four National Priorities List (NPL) sites. They are:

Area #1 - North Hollywood NPL Site covers 9336 acres in the eastern part of the San Fernando Valley. The site has been divide into the North Hollywood Operable Unit (OU) and the Burbank OU

Area #2 - Crystal Springs NPL Site covers 3975 acres southeast of the North Hollywood NPL Site and is located in the cities of Glendale and Los Angeles.

Area #3 - Verdugo NPL Site covers 2673 acres in the eastern part of the San Fernando Valley and is located in and adjacent to La Crescenta in the Verdugo Mountains.

Area #4 - the Pollock NPL Site covers 1635 acres in the southeastern part of the San Fernando Valley and is located in and adjacent to the cities of Los Angeles and Glendale.

Groundwater contamination in the SFVGWB is linked to prewar, postwar, and current industrialization in the San Fernando Valley.

The contaminants of concern are volatile organic compounds (VOCs), trichloroethylene (TCE) and tetrachloroethylene (PCE) which have been and/or are being used in many San Fernando Valley industries, such as aeronautical, automotive, dry cleaning, and metal plating. These solvents have found their way to the groundwater basin as a result of both past and improper use, storage and disposal practices. The SFVGWB Superfund sites, added to the NPL in 1986, are areas where groundwater from wells have been found to contain VOCs above the state and federal drinking water standards. Groundwater contamination at numerous wells have been so severe with TCE and PCE that these wells have essentialput out of commission.

Exposure of receptors to contaminants can possibly occur through ingestion of contaminated drinking water, inhalation of VOCs released from the contaminated water as in taking showers, and dermal exposure as in washing or bathing. However, with the strict regulatory control over water quality by the State's Department of Health, Office of Drinking Water (ODW), the RWQCB, and other agencies, residents are assured that the water they consume is safe and that no one is drinking water which contains concentrations of contaminants above regulatory standards. Federal, state, and local agencies have been conducting

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

investigation and cleanup of contaminated groundwater in the SFVSWB since contamination was discovered in 1979. These activities involve measuring the extent of contamination, developing & implementing cleanup remedies, and identifying responsible parties.

EPA provided oversight of the basinwide Remedial investigation (RI) of groundwater contamination conducted by the Los Angeles Department of Water and Power (LADWP). The RI objectives were to collect lithological and water quality data and information regarding basin operations for the eastern SF and Verdugo basins; develop a regional characterization of geology, hydrology, and the nature and extent of groundwater contamination within the eastern and Verdugo basins; study fate and transport of compounds in the environment; identify ARARs; and evaluate the potential risk to human health and the environment. The Remedial Investigations of the SFVSWB were divided into two phases:

Phase I activities have included vertical profile borings and installation of monitoring wells to obtain preliminary contaminant information. Monitoring wells have been installed as follows: 34 in North Hollywood (Area #1); 29 in Crystal Springs (Area #2); 7 in Verdugo (Area #3); and 17 in Pollock (Area #4). Information obtained from Phase I investigation activities identified the need for several operable units. Operable Unit is a federal term which is similar to the State's definition of a removal action.

Phase II activities consist of a basinwide remedial investigation conducted by LADWP.

Remedial Actions (RAs):

North Hollywood (Area #1) -- Two RAs were identified for Area #1, the North Hollywood OU and the Burbank OU.

A Record of Decision (ROD) for the North Hollywood RA was signed in September 1987, selecting groundwater extraction and treatment (air stripping) of 2,000 gallons per minute (gpm) of contaminated water as an interim remedy. This RA was constructed with funding from EPA and the State and has been treating contaminated groundwater since March 1989. This facility is located at 11845 Vose Street in the N. Hollywood section of Los Angeles.

A ROD for the Burbank OU was signed in June 1989, again selecting groundwater extraction and treatment of about 12,000 gpm of contaminated water. Negotiations are continuing with PRPs for the design and construction of this RA.

Crystal Springs (Area #2) -- LADWP has completed a focused RI/FS for this proposed RA. The Glendale OU was separated into a North OU and a South OU based on the amount of contamination and the facilities contributing to the GW contamination. A ROD for each OU was signed on June 18, 1993 designating groundwater extraction and treatment as the interim remedy. The PRPs formed a group and combined the RA efforts for each OU into one document. The selected alternative is GW extraction and treatment.

Verdugo and Pollock (Areas #3 and #4) -- Currently no RAs have been identified for Area #3 or for Area #4.

In October 2003, US EPA proposed No Remedial Action for Verdugo Basin (Area #3).

EPA and the RWQCB are identifying potential sources of

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SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

contamination and pursuing PRPs that may be responsible for contaminating groundwater. As these PRPs are identified, individual site investigations and mitigation activities will be pursued. Enforceable agreements and orders have been implemented at numerous specific potential source sites within the Basin by RWQCB and the Department.

Comments Date: 01011984
Comments: This is the date the site was first listed AWP pursuant to
Comments Date: 01011984
Comments: Section 25356.
Comments Date: 01011995
Comments: The U.S. EPA will not pursue a Remedial Investigation in
Comments Date: 01011995
Comments: the Pollock OU. U.S. EPA has determined that the groundwater
Comments Date: 01011995
Comments: extraction system that will be implemented by the
Comments Date: 01011995
Comments: LADWP constitutes treatment and will be an adequate interim
Comments Date: 01011995
Comments: remedial measure to contain the groundwater plume. U.S. EPA
Comments Date: 01011995
Comments: is funding the LARWQCB to investigate and cleanup soil
Comments Date: 01011995
Comments: contamination.
Comments Date: 07251991
Comments: Area 4 covers 5,829 acres in the Pollock Area and is located
Comments Date: 07251991
Comments: in and adjacent to the cities of Los Angeles and Glendale.
Comments Date: 07251991
Comments: Groundwater is contaminated with TCE and PCE.
Comments Date: 09202001
Comments: The Pollock Wells treatment plant returned to operation on
Comments Date: 09202001
Comments: 7/24/2001. After replacement of spent GAC from the previous
Comments Date: 09202001
Comments: years operation. With the exception of the one week the plant
Comments Date: 09202001
Comments: was shutdown for the carbon replacement, the plant has been
Comments Date: 09202001
Comments: operating continuously with Pollock wells #4 and #6 pumping.
Comments Date: 09202001
Comments: In the months of July and August approximately 130 million
Comments Date: 09202001
Comments: gallons of water was treated.
ID Name: BEP DATABASE PCODE
ID Value: P31034
Alternate Name: SAN FERNANDO VALLEY GW BASIN AREA 4
Alternate Name: POLLOCK AREA; OVERALL BASIN SCHEDULE
Alternate Name: SAN FERNANDO VALLEY (AREA 4)
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

PRP:

PRP Name: SAN FERNANDO VALLEY ROAD HOLDING LLC

CORTESE:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAN FERNANDO VALLEY (AREA 4) (Continued)

1000710135

Name: SAN FERNANDO VALLEY (AREA 4)
Address: POLLOCK WELLFIELD
City,State,Zip: LOS ANGELES, CA 90086
Region: CORTESE
Envirostor Id: 19990009
Global ID: Not reported
Site/Facility Type: FEDERAL SUPERFUND - LISTED
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE
Status Date: 01/01/1999
Site Code: 300129
Latitude: 34.129444
Longitude: -118.26416
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Haz Waste & Substances Sites

HIST CORTESE:

edr_fname: SAN FERNANDO VALLEY (AREA
edr_fadd1: POLLOCK WELLFIELD
City,State,Zip: LOS ANGELES, CA 90086
Region: CORTESE
Facility County Code: 19
Reg By: CALSI
Reg Id: 19990009

156
South
1/2-1
0.705 mi.
3723 ft.

WEIAND AUTOMOTIVE INDUSTRIES
2316-2324 NORTH SAN FERNANDO ROAD
LOS ANGELES, CA 90065

CA ENVIROSTOR **S105557633**
CA VCP **N/A**
CA DEED

Relative:
Lower
Actual:
371 ft.

ENVIROSTOR:
Name: WEIAND AUTOMOTIVE INDUSTRIES
Address: 2316-2324 NORTH SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19340781
Status: Certified O&M - Land Use Restrictions Only
Status Date: 09/01/2016
Site Code: 300992
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Assembly: 51
Senate: 24
Special Program: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.10499
Longitude: -118.2391
APN: 5457001028
Past Use: DEGREASING FACILITY, MANUFACTURING - METAL, DEGREASING FACILITY, MANUFACTURING - OTHER
Potential COC: Tetrachloroethylene (PCE Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE Tetrachloroethylene (PCE
Potential Description: OTH, SOIL, OTH, SOIL
Alias Name: 5457001028
Alias Type: APN
Alias Name: 110033614462
Alias Type: EPA (FRS #)
Alias Name: 300689
Alias Type: Project Code (Site Code)
Alias Name: 300992
Alias Type: Project Code (Site Code)
Alias Name: 19340781
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/09/2008
Comments: DTSC determines the Soil Vapor Extraction System Operation and Maintenance Report Third Quarter 2007 dated December 10, 2007 is adequate and requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 04/18/2008
Comments: DTSC determined that the Soil Vapor Extraction System Operation and Maintenance Report, Fourth Quarter 2007 dated February 19, 2008 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 07/15/2008
Comments: DTSC determines that the report dated May 23, 2008 is adequately prepared, and requires no revision

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 10/21/2008
Comments: DTSC determines the report dated 9/2/2008 is adequate and requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

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Site

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EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Document Type: Operation and Maintenance Report
Completed Date: 03/05/2009
Comments: DTSC determines the report dated 12/17/2008 does not require revision

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/26/2009
Comments: DTSC does not require revision of the report dated 3/16/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/01/2009
Comments: DTSC determines no revision needed on the 7/10/2009 report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 08/23/2011
Comments: Health Risk Assessment Report will be submitted to DTSC by 9/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 08/23/2011
Comments: Health Risk Assessment Report will be submitted to DTSC by 9/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/05/2012
Comments: DTSC determines that the Post Remediation Health Risk Assessment, dated November 23, 2011 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/27/2004
Comments: uploaded historic document for site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/18/2016
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 02/17/2016
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/10/2016

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/20/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 09/15/2006
Comments: Response to DTSC comments dated 9/15/2006 is adequate and no revision is needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 10/20/2006
Comments: DTSC determines that the report dated 8/23/2006 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/04/2007
Comments: DTSC determines that the report dated 12/04/06 does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 03/29/2007
Comments: The report dated 2/22/2007 is adequate and does not require revision. The SVE System Expansion Workplan was submitted to DTSC on 4/24/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 05/17/2007
Comments: DTSC concurs with the SVE System Modification. The modification of the SVE System include the installation of Three (3) Additional well-pairs at the project site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 08/07/2007
Comments: DTSC determines the Soil Vapor Extraction System Operation and Maintenance Report, first Quarter 2007, dated June 12, 2007 is adequate and does not require revision.

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 12/05/2007
Comments: DTSC determines that the Soil Vapor Extraction System Operation and Maintenance Report, Second Quarter 2007, dated September 17, 2007 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/22/2003
Comments: A Notice of Exemption (NOE) was completed for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/25/2001
Comments: A Voluntary Cleanup Agreement was executed between DTSC and Weiland Automotive Industry.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 03/25/2019
Comments: Executed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/13/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/18/1991
Comments: Not reported

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WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/18/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/31/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 01/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/31/2016
Comments: No DTSC approval needed for this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/14/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 11/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 07/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application

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WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Date: 07/26/2018
Comments: Application Received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/03/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 08/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Payment Agreement
Completed Date: 02/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/06/2016
Comments: Activity was scheduled to address additional toxicologic review stemming from recent discussions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2015
Comments: .

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

Map ID
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Elevation

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Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:

Name: WEIAND AUTOMOTIVE INDUSTRIES
Address: 2316-2324 NORTH SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19340781
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.7
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Site Code: 300992
Assembly: 51
Senate: 24
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 09/01/2016
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 34.10499 / -118.2391
APN: 5457001028
Past Use: DEGREASING FACILITY, MANUFACTURING - METAL, DEGREASING FACILITY,
MANUFACTURING - OTHER
Potential COC: 30022, 30022
Confirmed COC: 30022,, ,30022
Potential Description: OTH, SOIL, OTH, SOIL
Alias Name: 5457001028
Alias Type: APN
Alias Name: 110033614462
Alias Type: EPA (FRS #)
Alias Name: 300689
Alias Type: Project Code (Site Code)
Alias Name: 300992
Alias Type: Project Code (Site Code)
Alias Name: 19340781
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/09/2008
Comments: DTSC determines the Soil Vapor Extraction System Operation and Maintenance Report Third Quarter 2007 dated December 10, 2007 is adequate and requires no revision.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 04/18/2008
Comments: DTSC determined that the Soil Vapor Extraction System Operation and Maintenance Report, Fourth Quarter 2007 dated February 19, 2008 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 07/15/2008
Comments: DTSC determines that the report dated May 23, 2008 is adequately prepared, and requires no revision

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soil Vapor Extraction Monitoring Report
Completed Date: 10/21/2008
Comments: DTSC determines the report dated 9/2/2008 is adequate and requires no revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/05/2009
Comments: DTSC determines the report dated 12/17/2008 does not require revision

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/26/2009
Comments: DTSC does not require revision of the report dated 3/16/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/01/2009
Comments: DTSC determines no revision needed on the 7/10/2009 report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 08/23/2011
Comments: Health Risk Assessment Report will be submitted to DTSC by 9/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 08/23/2011
Comments: Health Risk Assessment Report will be submitted to DTSC by 9/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/05/2012
Comments: DTSC determines that the Post Remediation Health Risk Assessment, dated November 23, 2011 does not require revision.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/27/2004
Comments: uploaded historic document for site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/18/2016
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 02/17/2016
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/10/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/05/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/20/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 09/15/2006
Comments: Response to DTSC comments dated 9/15/2006 is adequate and no revision is needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 10/20/2006
Comments: DTSC determines that the report dated 8/23/2006 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/04/2007
Comments: DTSC determines that the report dated 12/04/06 does not require revision.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 03/29/2007
Comments: The report dated 2/22/2007 is adequate and does not require revision.
The SVE System Expansion Workplan was submitted to DTSC on 4/24/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 05/17/2007
Comments: DTSC concurs with the SVE System Modification. The modification of the SVE System include the installation of Three (3) Additional well-pairs at the project site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 08/07/2007
Comments: DTSC determines the Soil Vapor Extraction System Operation and Maintenance Report, first Quarter 2007, dated June 12, 2007 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 12/05/2007
Comments: DTSC determines that the Soil Vapor Extraction System Operation and Maintenance Report, Second Quarter 2007, dated September 17, 2007 is adequate and does not require revision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/22/2003
Comments: A Notice of Exemption (NOE) was completed for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 07/25/2001
Comments: A Voluntary Cleanup Agreement was executed between DTSC and Weiland Automotive Industry.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 03/25/2019
Comments: Executed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/13/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/18/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/18/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/31/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 08/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 01/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/31/2016
Comments: No DTSC approval needed for this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 10/14/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 11/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 07/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 07/26/2018
Comments: Application Received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 09/03/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/06/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 08/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Payment Agreement
Completed Date: 02/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEIAND AUTOMOTIVE INDUSTRIES (Continued)

S105557633

Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/06/2016
Comments: Activity was scheduled to address additional toxicologic review stemming from recent discussions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2015
Comments: .

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:

Name: WEIAND AUTOMOTIVE INDUSTRIES
Address: 2316-2324 NORTH SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Envirostor ID: 19340781
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 09/02/2016
File Name: Envirostor Land Use Restrictions

157
South
1/2-1
0.708 mi.
3739 ft.

HI ELECTRONICS, INC.
3048 NO COOLIDGE AVENUE
LOS ANGELES, CA 90039

CA ENVIROSTOR S110493909
N/A

Relative:
Lower
Actual:
354 ft.

ENVIROSTOR:
Name: HI ELECTRONICS, INC.
Address: 3048 NO COOLIDGE AVENUE
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 71002877
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HI ELECTRONICS, INC. (Continued)

S110493909

Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.10477
Longitude: -118.2435
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981574239
Alias Type: EPA Identification Number
Alias Name: 110002719684
Alias Type: EPA (FRS #)
Alias Name: 71002877
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

158
SSE
1/2-1
0.717 mi.
3786 ft.

GLASSELL PARK PRIMARY CENTER
3000 VERDUGO ROAD
LOS ANGELES, CA 90065

CA ENVIROSTOR S110375602
CA SCH N/A

Relative:
Lower

ENVIROSTOR:
Name: GLASSELL PARK PRIMARY CENTER
Address: 3000 VERDUGO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19820073
Status: Certified
Status Date: 08/21/2008

Actual:
382 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLASSELL PARK PRIMARY CENTER (Continued)

S110375602

Site Code: 300799
Site Type: School Cleanup
Site Type Detailed: School
Acres: 1.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.10514
Longitude: -118.2370
APN: 5456-012-020, 5456-012-900, 5456012900, 5456012901
Past Use: VEHICLE MAINTENANCE
Potential COC: Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE
Potential Description: OTH, SOIL
Alias Name: GLASSELL PARK PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: GLASSELL PARK PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LAUSD GLASSEL PARK PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5456-012-020
Alias Type: APN
Alias Name: 5456-012-900
Alias Type: APN
Alias Name: 5456012900
Alias Type: APN
Alias Name: 5456012901
Alias Type: APN
Alias Name: 110033619868
Alias Type: EPA (FRS #)
Alias Name: 300756
Alias Type: Project Code (Site Code)
Alias Name: 300799
Alias Type: Project Code (Site Code)
Alias Name: 19820073
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/05/2007
Comments: DTSC filed Notice of Exemption pursuant to California Environmental Quality Act

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLASSELL PARK PRIMARY CENTER (Continued)

S110375602

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/22/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/24/2008
Comments: DTSC signed the removal certification form

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/29/2008
Comments: Cost recovery closeout Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 02/09/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/14/2007
Comments: DTSC approved the SSI TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 03/13/2007
Comments: DTSC conditionally approved the TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/16/2007
Comments: Approval of SSI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLASSELL PARK PRIMARY CENTER (Continued)

S110375602

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 09/05/2007
Comments: RAW approved for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/31/2007
Comments: DTSC approved the Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/14/2008
Comments: DTSC determined that No Further Action is required based on the Removal Action Completion Report.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: GLASSELL PARK PRIMARY CENTER
Address: 3000 VERDUGO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19820073
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300799
Assembly: 51
Senate: 24
Special Program Status: Not reported
Status: Certified
Status Date: 08/21/2008
Restricted Use: NO
Funding: School District
Latitude: 34.10514
Longitude: -118.2370
APN: 5456-012-020, 5456-012-900, 5456012900, 5456012901

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLASSELL PARK PRIMARY CENTER (Continued)

S110375602

Past Use: VEHICLE MAINTENANCE
Potential COC: Tetrachloroethylene (PCE)
Confirmed COC: Tetrachloroethylene (PCE)
Potential Description: OTH, SOIL
Alias Name: GLASSELL PARK PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: GLASSELL PARK PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LAUSD GLASEL PARK PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5456-012-020
Alias Type: APN
Alias Name: 5456-012-900
Alias Type: APN
Alias Name: 5456012900
Alias Type: APN
Alias Name: 5456012901
Alias Type: APN
Alias Name: 110033619868
Alias Type: EPA (FRS #)
Alias Name: 300756
Alias Type: Project Code (Site Code)
Alias Name: 300799
Alias Type: Project Code (Site Code)
Alias Name: 19820073
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/05/2007
Comments: DTSC filed Notice of Exemption pursuant to California Environmental Quality Act

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/22/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/24/2008
Comments: DTSC signed the removal certification form

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/29/2008
Comments: Cost recovery closeout Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLASSELL PARK PRIMARY CENTER (Continued)

S110375602

Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 02/09/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/19/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/14/2007
Comments: DTSC approved the SSI TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 03/13/2007
Comments: DTSC conditionally approved the TM

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/16/2007
Comments: Approval of SSI

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 09/05/2007
Comments: RAW approved for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/31/2007
Comments: DTSC approved the Fact Sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/14/2008
Comments: DTSC determined that No Further Action is required based on the Removal Action Completion Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLASSELL PARK PRIMARY CENTER (Continued)

S110375602

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

159
SSW
1/2-1
0.748 mi.
3951 ft.

CAIN ROOFING COMPANY
2924 ALLESANDRO STREET
LOS ANGELES, CA 90039

CA ENVIROSTOR **S101480703**
N/A

Relative:
Lower
Actual:
364 ft.

ENVIROSTOR:
Name: CAIN ROOFING COMPANY
Address: 2924 ALLESANDRO STREET
City,State,Zip: LOS ANGELES, CA 90039
Facility ID: 19290272
Status: No Further Action
Status Date: 04/01/1985
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.10457
Longitude: -118.2454
APN: 5442024024
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: 31000-NO
Potential Description: NMA
Alias Name: JACK BRADURY, PRIVATE ROOFING CONTRACTOR
Alias Type: Alternate Name
Alias Name: 5442024024
Alias Type: APN
Alias Name: CAD980884985
Alias Type: EPA Identification Number
Alias Name: 19290272
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAIN ROOFING COMPANY (Continued)

S101480703

Completed Document Type: * Discovery
 Completed Date: 04/18/1983
 Comments: FACILITY IDENTIFIED ID FROM DRIVE-BYS IN VICINITY. FACILITY DRIVE-BY SITE IS A RESIDENCE IN INDSTR AREA.FRONT HAS DRUMS W/ WHITE STAINS. GRASS NOT NOT GROWING, VACANT?

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 10/25/1994
 Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Preliminary Assessment Report
 Completed Date: 04/01/1985
 Comments: SOURCE ACT: T/C W/ J.BRADURY, 1/3/85 - ROOFING MATLS STORAGE-ASPHALT EMULSIONS, PLASTIC CEMENT,COLD PROCESS FOR LAMINATD ROOFING. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Future Area Name: Not reported
 Future Sub Area Name: Not reported
 Future Document Type: Not reported
 Future Due Date: Not reported
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

160
 SW
 1/2-1
 0.802 mi.
 4237 ft.
 Relative:
 Lower
 Actual:
 370 ft.

SAFETY-KLEEN SYSTEMS INC
2918 WORTHEN AVENUE
LOS ANGELES, CA 90039

SEMS-ARCHIVE 1000880993
CORRACTS CAT000613935
 RCRA-TSDF
 RCRA-LQG
 CA ENVIROSTOR
 CA LUST
 CA CPS-SLIC
 US FIN ASSUR
 FINDS
 ECHO
 CA ENF
 CA ICE
 CA HIST CORTESE
 CA HWP
 NJ MANIFEST
 CA NPDES
 CA WDS
 CA CIWQS
 CA CERS

SEMS Archive:
 Site ID: 0903374
 EPA ID: CAT000613935
 Name: SAFETY- KLEEN CORP 7-088-02
 Address: 2918 WORTHEN AVE
 Address 2: Not reported
 City,State,Zip: LOS ANGELES, CA 90039
 Cong District: 24

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 09
Site ID: 0903374
EPA ID: CAT000613935
Site Name: SAFETY- KLEEN CORP 7-088-02
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903374
EPA ID: CAT000613935
Site Name: SAFETY- KLEEN CORP 7-088-02
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-08-26 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0903374
EPA ID: CAT000613935
Site Name: SAFETY- KLEEN CORP 7-088-02
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-01-01 05:00:00
Finish Date: 1991-01-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
Address 2: Not reported
EPA ID: CAT000613935

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Area Name: SWMU-1,2,3,4,AOC-1
Corrective Action: RFA COMPLETED
Actual Date: 19950707
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
Address 2: Not reported
EPA ID: CAT000613935
Area Name: SWMU-1,2,3,4,AOC-1
Corrective Action: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Actual Date: 19950707
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
Address 2: Not reported
EPA ID: CAT000613935
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 19910820
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA-LQG:

Date Form Received by Agency: 20210207
Handler Name: SAFETY-KLEEN SYSTEMS INC
Handler Address: 2918 WORTHEN AVENUE
Handler City,State,Zip: LOS ANGELES, CA 90039-2829
EPA ID: CAT000613935
Contact Name: NAHID TOOSI
Contact Address: SOUTH YALE STREET
Contact City,State,Zip: SANTA ANA, CA 92704
Contact Telephone: 949-981-5099
Contact Fax: Not reported
Contact Email: NAHID.TOOSI@SAFETY-KLEEN.COM
Contact Title: DIRECTOR COMPLIANCE
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2020
Accessibility: Not reported
Active Site Indicator: Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: WORTHEN AVENUE
Mailing City,State,Zip: LOS ANGELES, CA 90039

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner Name:	SAFETY-KLEEN SYSTEMS INC.
Owner Type:	Private
Operator Name:	SAFETY-KLEEN SYSTEMS INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	Yes
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Storage, Treatment
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	Yes
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not Accomplished
Permit Renewals Workload Universe:	Storage, Treatment
Permit Workload Universe:	Storage, Treatment
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Storage, Treatment
Full Enforcement Universe:	Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Sudden Third-Party Liability
Handler Date of Last Change:	20210426
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 2918 WORTHEN AVENUE
Owner/Operator City,State,Zip: LOS ANGELES, CA 90039
Owner/Operator Telephone: 323-660-9562
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NAHID.TOOSSI@SAFETY-KLEEN.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 42 LONGWATER DRIVE
Owner/Operator City,State,Zip: NORWELL, MA 02061-9147
Owner/Operator Telephone: 781-792-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN CORP ELGIN IL
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 777 BIG TIMBER RD
Owner/Operator City,State,Zip: ELGIN, IL 60120
Owner/Operator Telephone: 708-697-8460
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1301 GERVAIS ST STE 300
Owner/Operator City,State,Zip: COLUMBIA, SC 29201
Owner/Operator Telephone: 803-933-4393
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS, INC.

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MAP FINDINGS

Site

Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	5400 LEGACY DR. CL II, BLDG. 3
Owner/Operator City,State,Zip:	PLANO, TX 75024
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	2918 WORTHEN AVENUE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90039
Owner/Operator Telephone:	323-660-9562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	NAHID.TOOSSI@SAFETY-KLEEN.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	2600 NORTH CENTRAL EXPRESSWAY
Owner/Operator City,State,Zip:	RICHARDSON, TX 75080
Owner/Operator Telephone:	972-265-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 2918 WORTHEN AVENUE
Owner/Operator City,State,Zip: LOS ANGELES, CA 90039
Owner/Operator Telephone: 323-660-9562
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NAHID.TOOSSI@SAFETY-KLEEN.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 5400 LEGACY DRIVE
Owner/Operator City,State,Zip: PLANO, TX 75024
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 42 LONGWATER DRIVE
Owner/Operator City,State,Zip: NORWELL, MA 02061-9147
Owner/Operator Telephone: 781-792-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	2600 NORTH CENTRAL EXPRESSWAY
Owner/Operator City,State,Zip:	RICHARDSON, TX 75080
Owner/Operator Telephone:	714-429-4355
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	2600 NORTH CENTRAL EXPRESSWAY
Owner/Operator City,State,Zip:	RICHARDSON, TX 75080
Owner/Operator Telephone:	972-265-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	NAHID.TOOSI@SAFETY-KLEEN.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	5400 LEGACY DRIVE

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Database(s)

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner/Operator City,State,Zip: PLANO, TX 75024
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 5400 LEGACY DR
Owner/Operator City,State,Zip: PLANO, TX 75024
Owner/Operator Telephone: 972-265-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100805
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301
Handler Name: SAFETY-KLEEN SYSTEMS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160226
Handler Name: SAFETY-KLEEN SYSTEMS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Receive Date: 20180223
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200210
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210207
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: SAFETY KLEEN SYSTEMS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980720
Handler Name: SAFETY KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900412
Handler Name: SAFETY-KLEEN CORP (7-088-02)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920331
Handler Name: SAFETY-KLEEN CORP (7-088-02)
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940325
Handler Name: SAFETY-KLEEN CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960404
Handler Name: SAFETY KLEEN CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	SAFETY-KLEEN CORP - LOS ANGELES, CA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20001012
Handler Name:	SAFETY-KLEEN SYSTEMS, INC.--LOS ANGELES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020327
Handler Name:	SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20040329
Handler Name:	SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060227
Handler Name:	SAFETY-KLEEN SYSTEMS, INC.

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080313
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 42183
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

NAICS Code: 42269
NAICS Description: OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

NAICS Code: 42272
NAICS Description: PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

NAICS Code: 44131
NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

NAICS Code: 53231
NAICS Description: GENERAL RENTAL CENTERS

NAICS Code: 561499
NAICS Description: ALL OTHER BUSINESS SUPPORT SERVICES

NAICS Code: 56199
NAICS Description: ALL OTHER SUPPORT SERVICES

NAICS Code: 562112
NAICS Description: HAZARDOUS WASTE COLLECTION

Facility Has Received Notices of Violation:

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20190313
Actual Return to Compliance Date: 20190318

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Database(s)

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	310
Date of Enforcement Action:	20190318
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20010525
Actual Return to Compliance Date:	20010629
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20010726
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: TSD - Container Use and Management
 Date Violation was Determined: 20120227
 Actual Return to Compliance Date: 20120418

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	302
Date of Enforcement Action:	20120228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Air Emission Standards - Tank/Sl/Container
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	523
Date of Enforcement Action:	20120424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	201
Date of Enforcement Action:	20061102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	513
Date of Enforcement Action:	20080617
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19930616
Actual Return to Compliance Date: 19930618

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051021
Actual Return to Compliance Date:	20051109
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	512
Date of Enforcement Action:	20060103
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	20020807
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	523
Date of Enforcement Action:	20120424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20080409
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	20020807
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 20180405
Actual Return to Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	20211231
Enforcement Identifier:	001
Date of Enforcement Action:	20200930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	SYLIN
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	102700
Paid Amount:	Not reported
Final Count:	1
Final Amount:	102700
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051228
Actual Return to Compliance Date:	20050113
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20050113
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	511
Date of Enforcement Action:	20061226
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	513
Date of Enforcement Action:	20080617
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20080409
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20020612
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: State Statute or Regulation
 Date Violation was Determined: 20110525
 Actual Return to Compliance Date: 20110526

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	206
Date of Enforcement Action:	20111013
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	12000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - General
 Date Violation was Determined: 19930513
 Actual Return to Compliance Date: 19930616
 Return to Compliance Qualifier: Unverifiable
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040504
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20080409
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20020612
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20140326
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	523
Date of Enforcement Action:	20120424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	201
Date of Enforcement Action:	20061102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19931103
Actual Return to Compliance Date:	19940114
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19931203
Enforcement Identifier:	002
Date of Enforcement Action:	19931103
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040504
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19921215
Actual Return to Compliance Date:	19930512

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20140326
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	302
Date of Enforcement Action:	20120228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051021
Actual Return to Compliance Date:	20051109

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	202
Date of Enforcement Action:	20060410
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	1500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	1500
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Air Emission Standards - Tank/SI/Container
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	302
Date of Enforcement Action:	20120228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19930618
Actual Return to Compliance Date: 19930824

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	203
Date of Enforcement Action:	20070613
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	14000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	14000
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040504
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20020612
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Tank System Standards
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	302
Date of Enforcement Action:	20120228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	523
Date of Enforcement Action:	20120424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported
 Return to Compliance Qualifier: Not reported
 Violation Responsible Agency: Not reported
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: Not reported
 Date of Enforcement Action: Not reported
 Enforcement Responsible Agency: Not reported
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: Not reported
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: Not reported
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Transporters - Manifest System and Recordkeeping
 Date Violation was Determined: 20040427
 Actual Return to Compliance Date: 20040504

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	511
Date of Enforcement Action:	20061226
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	20180405
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	20211231
Enforcement Identifier:	001
Date of Enforcement Action:	20200930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	SYLIN
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	102700
Paid Amount:	Not reported
Final Count:	1
Final Amount:	102700
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	20020807
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20190313
Actual Return to Compliance Date:	20190318
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	532
Date of Enforcement Action:	20190515
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	513
Date of Enforcement Action:	20080617
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20110525
Actual Return to Compliance Date:	20110526

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	520
Date of Enforcement Action:	20110721
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051021
Actual Return to Compliance Date:	20051109
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	202
Date of Enforcement Action:	20051025
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20110525
Actual Return to Compliance Date: 20110526

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	301
Date of Enforcement Action:	20110526
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	513
Date of Enforcement Action:	20080617
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: Yes
 Agency Which Determined Violation: State
 Violation Short Description: Generators - Records/Reporting
 Date Violation was Determined: 20080326
 Actual Return to Compliance Date: 20090305
 Return to Compliance Qualifier: Documented
 Violation Responsible Agency: State
 Scheduled Compliance Date: Not reported
 Enforcement Identifier: 200
 Date of Enforcement Action: 20080409
 Enforcement Responsible Agency: State
 Enforcement Docket Number: Not reported
 Enforcement Attorney: Not reported
 Corrective Action Component: No
 Appeal Initiated Date: Not reported
 Appeal Resolution Date: Not reported
 Disposition Status Date: Not reported
 Disposition Status: Not reported
 Disposition Status Description: Not reported
 Consent/Final Order Sequence Number: Not reported
 Consent/Final Order Respondent Name: Not reported
 Consent/Final Order Lead Agency: Not reported
 Enforcement Type: WRITTEN INFORMAL
 Enforcement Responsible Person: Not reported
 Enforcement Responsible Sub-Organization: Not reported
 SEP Sequence Number: Not reported
 SEP Expenditure Amount: Not reported
 SEP Scheduled Completion Date: Not reported
 SEP Actual Date: Not reported
 SEP Defaulted Date: Not reported
 SEP Type: Not reported
 SEP Type Description: Not reported
 Proposed Amount: Not reported
 Final Monetary Amount: Not reported
 Paid Amount: Not reported
 Final Count: Not reported
 Final Amount: Not reported

Found Violation: No
 Agency Which Determined Violation: Not reported
 Violation Short Description: Not reported
 Date Violation was Determined: Not reported
 Actual Return to Compliance Date: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	20180405
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	20211231
Enforcement Identifier:	001
Date of Enforcement Action:	20200930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	SYLIN
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	102700
Paid Amount:	Not reported
Final Count:	1
Final Amount:	102700
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20020612
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20051228
Actual Return to Compliance Date:	20050113

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	507
Date of Enforcement Action:	20050218
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20180405
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	20211231
Enforcement Identifier:	001
Date of Enforcement Action:	20200930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	SYLIN

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 102700
Paid Amount: Not reported
Final Count: 1
Final Amount: 102700

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20190313
Actual Return to Compliance Date: 20190318

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	310
Date of Enforcement Action:	20190318
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20010525
Actual Return to Compliance Date:	20010629
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20010525
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20190313
Actual Return to Compliance Date:	20190318
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	532
Date of Enforcement Action:	20190515
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19931103
Actual Return to Compliance Date:	19940114

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19931203
Enforcement Identifier:	002
Date of Enforcement Action:	19931103
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20010525
Actual Return to Compliance Date:	20030407

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20010525
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19881021
Actual Return to Compliance Date: 19881208

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19881102
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	502
Date of Enforcement Action:	20020807
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	203
Date of Enforcement Action:	20070613
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	14000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	14000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20010525
Actual Return to Compliance Date:	20030407
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20010726
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Evaluation Action Summary:	
Evaluation Date:	20190313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	
Evaluation Date:	20010525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010629
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950217
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010525
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19941101
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KSAVA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930616
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930618
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090120
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20051109
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20120227
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120418
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20050203
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20090305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20020605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030404
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110526
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19881027
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051228
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20050113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140416
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070307
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940315
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20110526
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930513
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930616

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930512
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190318
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080424
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20090305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20090827
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20020605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030404
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030407
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170829
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980828
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140326
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20000427
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210330
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930922
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940114
Scheduled Compliance Date:	19931203
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040220
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19921215
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930512
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170628
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140326
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20051109

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930618
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930824
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190318
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20120608
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061027
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20070307
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190313
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20040427
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20040504
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20090202
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030825
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051109
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090817
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070904
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20110526
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20051109
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920914
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20110525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110526
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20090305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20090305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061206
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20140326
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

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EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20150526
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency: Former Citation:	Not reported Not reported
Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:	20051228 State Yes COMPLIANCE EVALUATION INSPECTION ON-SITE Not reported Not reported 20050113 Not reported Not reported Not reported Not reported Not reported Not reported
Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:	20180205 EPA Yes COMPLIANCE EVALUATION INSPECTION ON-SITE SYLIN Not reported Not reported 20211231 Not reported Not reported Not reported Not reported Not reported
Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:	20051104 State No FINANCIAL RECORD REVIEW Not reported Not reported Not reported Not reported Not reported Not reported Not reported Not reported
Evaluation Date: Evaluation Responsible Agency: Found Violation: Evaluation Type Description: Evaluation Responsible Person Identifier: Evaluation Responsible Sub-Organization: Actual Return to Compliance Date: Scheduled Compliance Date: Date of Request: Date Response Received: Request Agency: Former Citation:	20190313 State Yes COMPLIANCE EVALUATION INSPECTION ON-SITE Not reported Not reported 20190318 Not reported Not reported Not reported Not reported Not reported Not reported
Evaluation Date: Evaluation Responsible Agency:	20010525 State

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010629
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930922
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940114
Scheduled Compliance Date:	19931203
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210311
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930824
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030429
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110525
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19881021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881208
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20040427
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20040723
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030630
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20020605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030404
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061027
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20070307
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20010525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

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EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110630
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

RCRA-LQG:
 Date Form Received by Agency: 20210207
 Handler Name: SAFETY-KLEEN SYSTEMS INC
 Handler Address: 2918 WORTHEN AVENUE
 Handler City,State,Zip: LOS ANGELES, CA 90039-2829
 EPA ID: CAT000613935
 Contact Name: NAHID TOOSI
 Contact Address: SOUTH YALE STREET
 Contact City,State,Zip: SANTA ANA, CA 92704
 Contact Telephone: 949-981-5099
 Contact Fax: Not reported
 Contact Email: NAHID.TOOSI@SAFETY-KLEEN.COM
 Contact Title: DIRECTOR COMPLIANCE
 EPA Region: 09
 Land Type: Private
 Federal Waste Generator Description: Large Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: 2020
 Accessibility: Not reported
 Active Site Indicator: Handler Activities, Permitting Activities, Corrective Action Activities
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: WORTHEN AVENUE
 Mailing City,State,Zip: LOS ANGELES, CA 90039
 Owner Name: SAFETY-KLEEN SYSTEMS INC.
 Owner Type: Private
 Operator Name: SAFETY-KLEEN SYSTEMS INC.
 Operator Type: Private
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: Yes
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: Yes
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Storage, Treatment
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: N
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: Yes
 Treatment Storage and Disposal Type: Storage, Treatment
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not Accomplished
 Permit Renewals Workload Universe: Storage, Treatment
 Permit Workload Universe: Storage, Treatment
 Permit Progress Universe: Storage, Treatment
 Post-Closure Workload Universe: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	Yes
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Storage, Treatment
Full Enforcement Universe:	Storage, Treatment
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Closure, Sudden Third-Party Liability
Handler Date of Last Change:	20210426
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

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EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

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EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 2918 WORTHEN AVENUE
Owner/Operator City,State,Zip: LOS ANGELES, CA 90039
Owner/Operator Telephone: 323-660-9562
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NAHID.TOOSI@SAFETY-KLEEN.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 42 LONGWATER DRIVE
Owner/Operator City,State,Zip: NORWELL, MA 02061-9147
Owner/Operator Telephone: 781-792-5000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN CORP ELGIN IL

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	777 BIG TIMBER RD
Owner/Operator City,State,Zip:	ELGIN, IL 60120
Owner/Operator Telephone:	708-697-8460
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY KLEEN SYSTEMS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1301 GERVAIS ST STE 300
Owner/Operator City,State,Zip:	COLUMBIA, SC 29201
Owner/Operator Telephone:	803-933-4393
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	5400 LEGACY DR. CL II, BLDG. 3
Owner/Operator City,State,Zip:	PLANO, TX 75024
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	2918 WORTHEN AVENUE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90039
Owner/Operator Telephone:	323-660-9562
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	NAHID.TOOSI@SAFETY-KLEEN.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS, INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 2600 NORTH CENTRAL EXPRESSWAY
Owner/Operator City,State,Zip: RICHARDSON, TX 75080
Owner/Operator Telephone: 972-265-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS, INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 2918 WORTHEN AVENUE
Owner/Operator City,State,Zip: LOS ANGELES, CA 90039
Owner/Operator Telephone: 323-660-9562
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NAHID.TOOSSI@SAFETY-KLEEN.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 5400 LEGACY DRIVE
Owner/Operator City,State,Zip: PLANO, TX 75024
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 42 LONGWATER DRIVE
Owner/Operator City,State,Zip: NORWELL, MA 02061-9147
Owner/Operator Telephone: 781-792-5000
Owner/Operator Telephone Ext: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS INC
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAFETY-KLEEN SYSTEMS, INC.
Legal Status:	Private
Date Became Current:	19931008
Date Ended Current:	Not reported
Owner/Operator Address:	2600 NORTH CENTRAL EXPRESSWAY

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Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Owner/Operator City,State,Zip: RICHARDSON, TX 75080
Owner/Operator Telephone: 714-429-4355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC.
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 2600 NORTH CENTRAL EXPRESSWAY
Owner/Operator City,State,Zip: RICHARDSON, TX 75080
Owner/Operator Telephone: 972-265-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: NAHID.TOOSSI@SAFETY-KLEEN.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 5400 LEGACY DRIVE
Owner/Operator City,State,Zip: PLANO, TX 75024
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAFETY-KLEEN SYSTEMS INC
Legal Status: Private
Date Became Current: 19931008
Date Ended Current: Not reported
Owner/Operator Address: 5400 LEGACY DR
Owner/Operator City,State,Zip: PLANO, TX 75024
Owner/Operator Telephone: 972-265-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20100805
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20140301

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EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Handler Name: SAFETY-KLEEN SYSTEMS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160226
Handler Name: SAFETY-KLEEN SYSTEMS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180223
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200210
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210207
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960901
Handler Name: SAFETY KLEEN SYSTEMS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980720
Handler Name: SAFETY KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900412
Handler Name: SAFETY-KLEEN CORP (7-088-02)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920331
Handler Name: SAFETY-KLEEN CORP (7-088-02)
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Electronic Manifest Broker:	Not reported
Receive Date:	19940325
Handler Name:	SAFETY-KLEEN CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19960404
Handler Name:	SAFETY KLEEN CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19990304
Handler Name:	SAFETY-KLEEN CORP - LOS ANGELES, CA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20001012
Handler Name:	SAFETY-KLEEN SYSTEMS, INC.--LOS ANGELES
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20020327
Handler Name:	SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description:	Large Quantity Generator

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040329
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060227
Handler Name: SAFETY-KLEEN SYSTEMS, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080313
Handler Name: SAFETY-KLEEN SYSTEMS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 42183
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

NAICS Code: 42269
NAICS Description: OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

NAICS Code: 42272

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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

NAICS Description:	PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)
NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES
NAICS Code:	53231
NAICS Description:	GENERAL RENTAL CENTERS
NAICS Code:	561499
NAICS Description:	ALL OTHER BUSINESS SUPPORT SERVICES
NAICS Code:	56199
NAICS Description:	ALL OTHER SUPPORT SERVICES
NAICS Code:	562112
NAICS Description:	HAZARDOUS WASTE COLLECTION

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20190313
Actual Return to Compliance Date:	20190318
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	310
Date of Enforcement Action:	20190318
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20010525
Actual Return to Compliance Date:	20010629
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20010726
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20120227
Actual Return to Compliance Date: 20120418
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 302
Date of Enforcement Action: 20120228
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
 Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Air Emission Standards - Tank/SI/Container
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	523
Date of Enforcement Action:	20120424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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Database(s)

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20061027
Actual Return to Compliance Date: 20070307
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20061102
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20080326
Actual Return to Compliance Date: 20090305
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20080617
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19930616
Actual Return to Compliance Date:	19930618
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051021
Actual Return to Compliance Date: 20051109
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 512
Date of Enforcement Action: 20060103
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 20020807
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20120227
Actual Return to Compliance Date: 20120418
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 523
Date of Enforcement Action: 20120424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20080409
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - Manifest System and Recordkeeping
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 20020807
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 20180405
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: EPA
Scheduled Compliance Date: 20211231
Enforcement Identifier: 001
Date of Enforcement Action: 20200930
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: SYLIN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 102700
Paid Amount: Not reported
Final Count: 1
Final Amount: 102700

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051228
Actual Return to Compliance Date: 20050113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20050113
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20061027
Actual Return to Compliance Date: 20070307
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 20061226
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20080326
Actual Return to Compliance Date: 20090305
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20080617
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20080326
Actual Return to Compliance Date:	20090305
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20080409
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20020612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20110525
Actual Return to Compliance Date: 20110526
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 206
Date of Enforcement Action: 20111013
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12000
Paid Amount: Not reported
Final Count: 1
Final Amount: 12000

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20040427
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20040628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19930513
Actual Return to Compliance Date: 19930616
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040504
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20080326
Actual Return to Compliance Date: 20090305
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20080409
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20020612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20120227
Actual Return to Compliance Date: 20140326
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 523
Date of Enforcement Action: 20120424
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20061027
Actual Return to Compliance Date: 20070307
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20061102
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19931103
Actual Return to Compliance Date:	19940114
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19931203
Enforcement Identifier:	002
Date of Enforcement Action:	19931103
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20040427
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 506
Date of Enforcement Action: 20040628
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040504
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19921215
Actual Return to Compliance Date: 19930512
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20140326
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	302
Date of Enforcement Action:	20120228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051021
Actual Return to Compliance Date: 20051109
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 202
Date of Enforcement Action: 20060410
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 1500
Paid Amount: Not reported
Final Count: 1
Final Amount: 1500

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Air Emission Standards - Tank/SI/Container
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	302
Date of Enforcement Action:	20120228
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19930618
Actual Return to Compliance Date:	19930824
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20061027
Actual Return to Compliance Date: 20070307
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 203
Date of Enforcement Action: 20070613
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 14000
Paid Amount: Not reported
Final Count: 1
Final Amount: 14000

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040504
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	506
Date of Enforcement Action:	20040628
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20020605
Actual Return to Compliance Date:	20030404
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20020612
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Tank System Standards
Date Violation was Determined: 20120227
Actual Return to Compliance Date: 20120418
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 302
Date of Enforcement Action: 20120228
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	20120227
Actual Return to Compliance Date:	20120418
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	523
Date of Enforcement Action:	20120424
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - Manifest System and Recordkeeping
Date Violation was Determined: 20040427
Actual Return to Compliance Date: 20040504
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 210
Date of Enforcement Action: 20040504
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20061027
Actual Return to Compliance Date: 20070307
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 511
Date of Enforcement Action: 20061226
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 20180405
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: EPA
Scheduled Compliance Date: 20211231
Enforcement Identifier: 001
Date of Enforcement Action: 20200930
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: SYLIN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 102700
Paid Amount: Not reported
Final Count: 1
Final Amount: 102700

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 20020807
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20190313
Actual Return to Compliance Date:	20190318
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	532
Date of Enforcement Action:	20190515
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Manifest/Records/Reporting
Date Violation was Determined: 20080326
Actual Return to Compliance Date: 20090305
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20080617
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest System and Recordkeeping
Date Violation was Determined:	20040427
Actual Return to Compliance Date:	20040723
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	210
Date of Enforcement Action:	20040504
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20110525
Actual Return to Compliance Date: 20110526
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 520
Date of Enforcement Action: 20110721
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051021
Actual Return to Compliance Date: 20051109
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 202
Date of Enforcement Action: 20051025
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20110525
Actual Return to Compliance Date: 20110526
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 301
Date of Enforcement Action: 20110526
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20080326
Actual Return to Compliance Date: 20090305
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 513
Date of Enforcement Action: 20080617
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20080326
Actual Return to Compliance Date: 20090305
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20080409
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	20180405
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	20211231
Enforcement Identifier:	001
Date of Enforcement Action:	20200930
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: SYLIN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 102700
Paid Amount: Not reported
Final Count: 1
Final Amount: 102700

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20020612
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20051228
Actual Return to Compliance Date: 20050113
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 507
Date of Enforcement Action: 20050218
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20180405
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: EPA
Scheduled Compliance Date: 20211231
Enforcement Identifier: 001
Date of Enforcement Action: 20200930
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: SINGLE SITE CA/FO
Enforcement Responsible Person: SYLIN
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 102700
Paid Amount: Not reported
Final Count: 1
Final Amount: 102700

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20190313
Actual Return to Compliance Date: 20190318
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 310
Date of Enforcement Action: 20190318
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 20010525
Actual Return to Compliance Date: 20010629
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20010525
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20190313
Actual Return to Compliance Date: 20190318
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 532
Date of Enforcement Action: 20190515
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19931103
Actual Return to Compliance Date: 19940114
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19931203
Enforcement Identifier: 002
Date of Enforcement Action: 19931103
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20010525
Actual Return to Compliance Date: 20030407
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20010525
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19881021
Actual Return to Compliance Date: 19881208
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19881102
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20040427
Actual Return to Compliance Date: 20040723
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 210
Date of Enforcement Action: 20040504
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 20020605
Actual Return to Compliance Date: 20030404
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 502
Date of Enforcement Action: 20020807
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20061027
Actual Return to Compliance Date:	20070307
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	203
Date of Enforcement Action:	20070613
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	SINGLE SITE CA/FO
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	14000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	14000
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	20010525
Actual Return to Compliance Date:	20030407
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20010726
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Action Summary:

Evaluation Date: 20190313
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20190318
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20010525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20010629
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19950217
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120227
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20120418
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20010525
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: SIGNIFICANT NON-COMPLIER

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19941101
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KSAVA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930616
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930618
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090120
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021

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Database(s)

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20051109
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20050203
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110526
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19881027
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

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EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Former Citation:	Not reported
Evaluation Date:	20051228
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20050113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140416
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070307
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940315
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20110526
Scheduled Compliance Date:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930513
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930616
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930512
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190318
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20040427
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20040504
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080424
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20090305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20090827
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20020605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030407
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170829
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980828
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140326
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20000427
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210330
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930922
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940114
Scheduled Compliance Date:	19931203
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040220
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19921215
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930512
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170628
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

Map ID
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Distance
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20140326
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20051109
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 19930618
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930824
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190318
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20120608
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061027
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20070307
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20190313
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090202
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030825
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20120227
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20120418
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051109
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040504
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	State

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20070307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20090817
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190318

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080326
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070904
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20110525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20110526
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date: 20051021
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20051109
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920914
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20110526
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20090305
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20080326
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20090305
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061206
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20140326
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051021
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
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SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20150526
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051228
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20050113
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20180205
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SYLIN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	20211231
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051104
Evaluation Responsible Agency:	State

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20010629
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20190313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20190318
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930922
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19940114

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Scheduled Compliance Date:	19931203
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20210311
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930824
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010525
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20030407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030429
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Date:	20110525
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19881021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881208
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040427
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20040723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030630
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020605
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030404
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061027
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20070307
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20010525
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20030407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110630
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

ENVIROSTOR:

Name: SAFETY-KLEEN LOS ANGELES
Address: 2918 WORTHEN AVE
City,State,Zip: LOS ANGELES, CA 900392829
Facility ID: 80001785
Status: No Further Action
Status Date: 05/29/2009
Site Code: 300277
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0.27
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Wayne Lorentzen
Supervisor: Farshad Vakili
Division Branch: Office of Permitting
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.10690
Longitude: -118.2518
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS
Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
Trichloroethylene (TCE 1,2-Dichlorobenzene 1,4-Dichlorobenzene Xylenes
Not reported
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
1,2-Dichlorobenzene Xylenes 1,4-Dichlorobenzene Trichloroethylene (TCE
Not reported
Potential Description: OTH, SOIL
Alias Name: Safety Kleen
Alias Type: Alternate Name
Alias Name: CAT000613935
Alias Type: EPA Identification Number
Alias Name: SL603799093
Alias Type: GeoTracker Global ID
Alias Name: SLT4L6821851
Alias Type: GeoTracker Global ID
Alias Name: T0603700975
Alias Type: GeoTracker Global ID
Alias Name: 300277
Alias Type: Project Code (Site Code)
Alias Name: 80001785
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/20/2010
Comments: Not reported

Completed Area Name: ENTIRE FACILITY, SWMU-1,2,3,4,AOC-1

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 07/07/1995
Comments: There is a RFA letter dated 7/7/95. The letter states RFA was prepared by DTSC and is enclosed. However, RFA itself could not be found in the file.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 08/20/1991
Comments: Preliminary Assesment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/30/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Historical Operating Permit Authority
Completed Date: 06/30/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 05/29/2009
Comments: LARWQCB took the lead in late 1990's overseeing Corrective Action, and issued NFA letter on April 18, 2000.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 900390252
Status: Pollution Characterization
Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603700975
W Global ID: Not reported
Staff: TOX
Local Agency: 19050

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Cross Street: RIPPLE ST
Enforcement Type: Not reported
Date Leak Discovered: 8/6/1993
Date Leak First Reported: 8/27/1993
Date Leak Record Entered: 11/24/1993
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 11/24/1993
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: OLD CASE #121594-07
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1375.4819414310165207535569367
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 8/31/1993
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SAFETY-KLEEN CORP.
RP Address: 2918 WORTHEN AVE, LOS ANGELES, CA 90039
Program: SLIC
Lat/Long: 34.1065255 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: SOLVENT CASE

CPS-SLIC:

Name: SAFETY-KLEEN
Address: 2918 N. WORTHEN AVE.
City,State,Zip: LOS ANGELES, CA 90039
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/18/2000
Global Id: SL603799093
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number: 80001785
Latitude: 34.106457
Longitude: -118.251426

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 112.0379
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: DTSC lead sitewith site code 300277. For more site status or information, please search DTST Envirostor: <http://www.envirostor.dtsc.ca.gov/public/search.asp>

Click here to access the California GeoTracker records for this facility:

US FIN ASSUR:

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
City,State,Zip: LOS ANGELES, CA
EPA ID: CAT000613935
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 158828
Face value: 186521
Effective date: 2010-11-17 00:00:00
Provider: INDIAN HARBOR INS.
EPA region: 9

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
City,State,Zip: LOS ANGELES, CA
EPA ID: CAT000613935
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 2000000
Face value: 2000000
Effective date: 2011-09-01 00:00:00
Provider: GREENWICH INS. CO.
EPA region: 9

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
City,State,Zip: LOS ANGELES, CA
EPA ID: CAT000613935
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 2000000
Face value: 2000000
Effective date: 2015-11-01 00:00:00
Provider: INDIAN HARBOR INS. CO.
EPA region: 9

Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVENUE
City,State,Zip: LOS ANGELES, CA
EPA ID: CAT000613935

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 167944
Face value: 201523
Effective date: 2015-11-17 00:00:00
Provider: INDIAN HARBOR INS. CO.
EPA region: 9

FINDS:

Registry ID: 110000610152

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000880993
Registry ID: 110000610152
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000610152>
Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVE
City,State,Zip: LOS ANGELES, CA 90039

ENF:

Name: SAFETY-KLEEN
Address: 2918 WORTHEN
City,State,Zip: LOS ANGELES, CA 90039
Region: 4
Facility Id: 259964
Agency Name: Safety Kleen
Place Type: Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.106647
Place Longitude:	-118.252265
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1120379
Reg Measure Id:	156182
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Fee Code: Not reported
Direction/Voice: Passive
Enforcement Id(EID): 226087
Region: 4
Order / Resolution Number: LT930518
Enforcement Action Type: 13267 Letter
Effective Date: 05/18/1993
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 4WIP1120379
Description: Not reported
Program: WIP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

ICE:

Envirostor ID: 3000013
Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVE
City,State,Zip: LOS ANGELES, CA 90039
EPA ID: CAT000613935
Site Type: INSPECTION
Facility Status: No Action

Enforcement:

Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 04/10/2006

Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 10/13/2011

Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Action Date: 06/13/2007

Inspection:

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/05/2002
Violation Class: Class 1, Class 2, Minor
RTC Date: 04/04/2003

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 03/11/2021
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Action Date:	03/30/2021
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	03/18/2019
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	03/13/2019
Violation Class:	Class 1, Class 2
RTC Date:	03/18/2019
Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	08/29/2017
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	06/28/2017
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	04/16/2014
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	05/26/2015
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	03/26/2014
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	06/08/2012
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	02/27/2012
Violation Class:	Class 2, Minor
RTC Date:	03/26/2014
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	05/25/2011
Violation Class:	Class 1
RTC Date:	05/26/2011
Action Type:	Financial Records Review - Treatment, Storage and Disposal
Action Date:	02/02/2009
Violation Class:	No Violations

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 08/27/2009
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 10/27/2006
Violation Class: Class 1
RTC Date: 03/07/2007

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 02/03/2005
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 03/26/2008
Violation Class: Class 2, Minor
RTC Date: 03/05/2009

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 12/28/2004
Violation Class: Class 2
RTC Date: 01/13/2005

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 08/17/2009
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/30/2011
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 06/30/2003
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 05/25/2001
Violation Class: Class 1, Minor
RTC Date: 04/07/2003

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 04/27/2000
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 04/29/2003
Violation Class: No Violations
RTC Date: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 12/06/2006
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 11/04/2005
Violation Class: No Violations
RTC Date: Not reported

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 02/20/2004
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 10/21/2005
Violation Class: Class 1
RTC Date: 11/09/2005

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 01/20/2009
Violation Class: No Violations
RTC Date: Not reported

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 04/27/2004
Violation Class: Class 2, Minor
RTC Date: 07/23/2004

Action Type: Financial Records Review - Treatment, Storage and Disposal
Action Date: 04/24/2008
Violation Class: No Violations
RTC Date: Not reported

HIST CORTESE:

edr_fname: SAFETY-KLEEN CORPORATION
edr_fadd1: 2918 WORTHEN
City,State,Zip: LOS ANGELES, CA 90039
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900390252

HWP:

EPA ID: CAT000613935
Name: SAFETY-KLEEN SYSTEMS INC
Address: 2918 WORTHEN AVE
Cleanup Status: OPERATING PERMIT
Latitude: 34.10690
Longitude: -118.2518
Facility Type: Permitted - Operating
Facility Size: Small Storage
Supervisor: RYAN DOMINGUEZ
Site Code: 300277

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Senate District: 24
Assembly District: 51
Public Information Officer: Not reported
Commercial Offsite Facility Types: Solvent Recovery
Quarterly Update: QUARTERLY UPDATE Quarterly Update Period: April 2021 to June 2021
Permit Renewal: On September 22, 2020, the Department of Toxic Substances Control (DTSC) issued a RCRA Hazardous Waste Permit (Permit) to Safety-Kleen Systems Inc. The expiration date for the Permit is October 24, 2030. FACILITY DESCRIPTION/HISTORY Safety-Kleen Systems, Inc. Los Angeles (Facility) is located at the northeast corner of Ripple Street and Worthen Avenue, west of Gilroy Street. The Facility is located approximately 180 yards northeast of Golden State Freeway 1-5 and approximately 180 yards west of Glendale Freeway 2. Other streets in the neighborhood include Clearwater Street (industrial area), Glenview Avenue (residential neighborhood), Fruitdale Street (industrial area), Fletcher Drive (industrial area) and Crystal Street (industrial area), and Gilroy Street (mixed residential and industrial areas). Safety-Kleen began operation at this Facility in June 1978. The Facility is categorized as a small storage facility. Safety-Kleen provides mineral spirit solvent reclamation and supply service for customers primarily engaged in vehicle repair shops, industrial maintenance, and dry cleaning. The Facility provides customers with parts cleaning services, which involve parts degreasing units, consisting of a sink affixed to the top of a 16- or 30-gallon drum of cleaner solvent at the customer's location. The Facility also provides customers with aqueous-based parts washing solution and immersion cleaners (carburetor cleaner) for use in the degreasing units. The units are emptied and the hazardous materials are refilled by the Safety-Kleen truck operators at the customer's location, and the trucks transport the used materials back to the Facility. The hazardous waste solvents from the Facility are eventually transported to the Safety-Kleen's Reedley Recycle Center or another permitted facility for recycling, treatment and/or disposal. The Facility stores and transfers hazardous wastes in three units as described below: Unit 1: Underground Was

Project Manager Lead: PARISA KHOSRAVIANI
Project Manager: PARISA KHOSRAVIANI
Permit Type: RCRA
Permit Effective Date: 10/24/2020 (OP),
Permit Expiration Date: 10/24/2030 (OP),
Calenviroscreen Score: 91-95%
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Activities:
EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - TECHNICAL COMPLETE LETTER
Actual Date: 08/18/2008

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL
Actual Date: 06/10/1997

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 01/25/2020
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 09/22/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - DRAFT PERMIT RENEWAL
Actual Date: 01/20/2009

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 04/19/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 01/19/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 02/10/2020
Comments: Final Part A and B hard-copy/electronic received on 3/25/2020
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2

Event Description: Renewal - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 03/25/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)

Event Description: Renewal - No Changes - DISCLOSURE (CLEARED)
Actual Date: 11/14/2005

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 03/02/2020
Comments: Technical completeness letter emailed to facility on 4/9/2020
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2

Event Description: Renewal - No Changes - TECHNICAL COMPLETE LETTER
Actual Date: 04/09/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 07/15/2007

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 07/27/2020
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 07/27/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - APPLICATION PART B RECEIVED
Actual Date: 07/01/1992

EPA ID: CAT000613935
Facility Type: Permitted - Operating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1988-03-18 00:00:00
Type: RCRA
Title Description: Initial Permit - units Tanktrt1 -3, Tankstr1, Contain1 -3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 03/18/1988

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1988-03-18 00:00:00
Type: RCRA
Title Description: Initial Permit - units Tanktrt1 -3, Tankstr1, Contain1 -3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 03/18/1988

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 07/24/2029
Comments: Pre-Application Meeting
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - PRE-APPLICATION MEETING
Actual Date: 03/27/2018

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - DRAFT PERMIT RENEWAL
Actual Date: 03/29/1996

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 06/10/1997

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 08/21/2018
Comments: Part A permit renewal application
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Event Description: Renewal - No Changes - APPLICATION PART A RECEIVED
Actual Date: 08/21/2018

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)

Event Description: Renewal - No Changes - APPLICATION PART B RECEIVED
Actual Date: 01/01/2007

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)

Event Description: Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Actual Date: 03/29/1996

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - TECHNICAL REVIEW BEGIN
Actual Date: 09/10/2018

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - CEQA DETERMINATION
Actual Date: 03/17/2009

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2012-05-31 00:00:00
Type: RCRA
Title Description: Permit Mod 1 Closure of permitted tank
Due Date: Not reported
Comments: Not reported
Unit Names: TANKSTR1 (GPRA Unit)
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Actual Date: 03/17/2009

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 01/14/2008

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00

Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 09/11/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00

Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 08/21/2018
Comments: Part B permit renewal application
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - APPLICATION PART B RECEIVED
Actual Date: 08/21/2018

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PART A & PART B RECEIVED
Actual Date: 01/20/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - FINAL PART A & PART B RECEIVED
Actual Date: 12/22/1995

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 04/23/2007

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 05/11/1992

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 08/14/2019
Comments: 2nd NOD issued, including memo s from ESPO, ECL
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 08/14/2019

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 03/05/2019
Comments: 1st NOD issued, including memo s from GSU, ESPO, ECL
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 02/14/2019

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 01/26/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: An emergency permit was issued to change the conditions of the waste transfer operations.
Unit Names: CONTAIN1
Event Description: New Operating Permit - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 01/19/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 11/10/1995

EPA ID: CAT000613935
Facility Type: Permitted - Operating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Facility Name:	SAFETY-KLEEN SYSTEMS INC
Project Manager:	PARISA KHOSRAVIANI
Project Manager Lead:	PARISA KHOSRAVIANI
Supervisor:	RYAN DOMINGUEZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1994-01-19 00:00:00
Type:	STATE
Title Description:	State Emergency Permit - Unit contain1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Actual Date:	07/01/1992
EPA ID:	CAT000613935
Facility Type:	Permitted - Operating
Facility Name:	SAFETY-KLEEN SYSTEMS INC
Project Manager:	PARISA KHOSRAVIANI
Project Manager Lead:	PARISA KHOSRAVIANI
Supervisor:	RYAN DOMINGUEZ
Facility Status:	OPERATING PERMIT
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1994-01-19 00:00:00
Type:	STATE
Title Description:	State Emergency Permit - Unit contain1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date:	04/19/2004
EPA ID:	CAT000613935
Facility Type:	Permitted - Operating
Facility Name:	SAFETY-KLEEN SYSTEMS INC
Project Manager:	PARISA KHOSRAVIANI
Project Manager Lead:	PARISA KHOSRAVIANI
Supervisor:	RYAN DOMINGUEZ
Facility Status:	OPERATING PERMIT
Activity Type:	Renewal - No Changes
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	2009-03-17 00:00:00
Type:	RCRA
Title Description:	Permit3 - renewal of Permit 3
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description:	Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Actual Date:	01/20/2009
EPA ID:	CAT000613935

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTR3 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 03/17/2019

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTR3 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL
Actual Date: 03/17/2009

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2012-05-31 00:00:00
Type: RCRA
Title Description: Permit Mod 1 Closure of permitted tank
Due Date: Not reported
Comments: Not reported
Unit Names: TANKSTR1 (GPRA Unit)
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION
Actual Date: 05/31/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 09/20/2018
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Actual Date: 09/05/2018

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 04/24/2020
Comments: Draft permit and Statement of Basis included
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - DRAFT PERMIT RENEWAL
Actual Date: 05/01/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 01/10/2020
Comments: Draft addendum to 1997 Initial Study
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Event Description: Renewal - No Changes - DRAFT CEQA
Actual Date: 04/27/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - With Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1997-06-10 00:00:00
Type: RCRA
Title Description: Permit2 - renewal of initial permit - units contain3, Tankstr1 and Tanktrt3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit)
Event Description: Renewal - With Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 10/25/1995

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 09/07/2018
Comments: Admin Completeness Letter & DTSC Form 1176 Attached
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - ADMINISTRATIVE REVIEW APPROVED
Actual Date: 09/07/2018

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 09/15/2006

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - DRAFT PERMIT
Actual Date: 01/26/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1988-03-18 00:00:00
Type: RCRA
Title Description: Initial Permit - units Tanktrt1 -3, Tankstr1, Contain1 -3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 03/18/1993

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - APPLICATION PART A RECEIVED
Actual Date: 01/01/2007

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA

Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PART A & PART B RECEIVED
Actual Date: 08/18/2008

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA

Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 10/04/2019
Comments: Response to 2nd NOD received on 10/04/2019
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - RESPONSE TO 2ND NOD RECEIVED
Actual Date: 10/04/2019

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 09/15/2017
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - CALL-IN LETTER ISSUED
Actual Date: 09/28/2017
EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - PUBLIC COMMENT (END)
Actual Date: 03/06/2009
EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2009-03-17 00:00:00
Type: RCRA
Title Description: Permit3 - renewal of Permit 3
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT3 (GPRA Unit)
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 03/17/2009
EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Facility Status: OPERATING PERMIT
Activity Type: *Mod Class 1* - Prior Approval Required
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 2012-05-31 00:00:00
Type: RCRA
Title Description: Permit Mod 1 Closure of permitted tank
Due Date: Not reported
Comments: Not reported
Unit Names: TANKSTR1 (GPRA Unit)
Event Description: *Mod Class 1* - Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Actual Date: 03/17/2019

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1994-01-19 00:00:00
Type: STATE
Title Description: State Emergency Permit - Unit contain1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 01/20/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Actual Date: 10/24/2030

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Actual Date: 10/24/2020

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 05/06/2019
Comments: Revised permit application and Response to NOD 1 received
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 05/31/2019

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Status: OPERATING PERMIT
Activity Type: Renewal - No Changes
Permit Being Renewed: Renewal - No Changes
Permit Being Modified: Not reported
Final Date: 2020-09-22 00:00:00
Type: RCRA
Title Description: Renewal of RCRA Waste Facility Permit
Due Date: 01/14/2020
Comments: Not reported
Unit Names: CONTAIN1, CONTAIN2, CONTAIN3 (GPRA Unit), TANKSTR1 (GPRA Unit), TANKTRT1, TANKTRT2
Event Description: Renewal - No Changes - TECHNICAL REVIEW COMPLETED
Actual Date: 04/03/2020

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Closure:

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Size: Small Storage
Facility Status: OPERATING PERMIT
Activity Type: Referred for closure to other agency
Final Date: Not reported
Type: RCRA
Title Description: REFERRED TO SITE CLEANUP - CERCLA
Due Date: Not reported
Comments: Not reported
Unit Names: TANKTRT1, TANKTRT2
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 03/18/1994

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Size: Small Storage
Facility Status: OPERATING PERMIT
Activity Type: Referred for closure to other agency
Final Date: Not reported
Type: RCRA
Title Description: REFERRED TO SITE CLEANUP - CERCLA
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN3 (GPRA Unit)
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 07/15/2007

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Facility Size: Small Storage
Facility Status: OPERATING PERMIT
Activity Type: Closure Administrative
Final Date: Not reported
Type: RCRA
Title Description: Clean Closed
Due Date: Not reported
Comments: Clean closed
Unit Names: TANKTRT3 (GPRA Unit)
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 03/18/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Alias:

EPA ID: CAT000613935
Facility Type: Permitted - Operating
Facility Name: SAFETY-KLEEN SYSTEMS INC
Facility Status: OPERATING PERMIT
Project Manager: PARISA KHOSRAVIANI
Project Manager Lead: PARISA KHOSRAVIANI
Supervisor: RYAN DOMINGUEZ
Alias Type: Project Code (Site Code)
Alias: 300277

NJ MANIFEST:

EPA Id: CAT000613935
Mail Address: 1502 E VILLA STREET
Mail City/State/Zip: ELGIN, IL 60120
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: MELODIE CARR
Comments: Not reported
SIC Code: Not reported
County: CA037
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 000142681SKS
EPA ID: CAT000613935
Date Shipped: 2/25/2011
TSD EPA ID: NJD002182897
Transporter EPA ID: TXR000050930
Transporter 2 EPA ID: ORQ000006601
Transporter 3 EPA ID: MND048341788
Transporter 4 EPA ID: FLD006921340
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSD Received Waste: Not reported
TSD EPA Facility Name: Not reported

Map ID
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Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: ELGIN, IL 60120
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H020
Quantity: 968.00 gallons

NPDES:
Name: SAFETYKLEEN INC LA BRANCH
Address: 2918 WORTHEN AVE
City,State,Zip: LOS ANGELES, CA 90039
Facility Status: Active
NPDES Number: CAS000001
Region: 4
Agency Number: 0
Regulatory Measure ID: 188868
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 4 19I001836
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/30/1992
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 2918 Worthen Avenue
Discharge Name: Safety Kleen
Discharge City: Los Angeles
Discharge State: California
Discharge Zip: 90039
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Agency Number: Not reported
Region: 4
Regulatory Measure ID: 188868
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19I001836
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008
Processed Date: 03/30/1992
Status: Active
Status Date: 03/30/1992
Place Size: .5
Place Size Unit: Acres
Contact: Gabriel Medel
Contact Title: Branch Manager
Contact Phone: 323-595-1478
Contact Phone Ext: Not reported
Contact Email: gabriel.medel@safety-kleen.com
Operator Name: Safety Kleen
Operator Address: 2918 Worthen Avenue
Operator City: Los Angeles
Operator State: California
Operator Zip: 90039
Operator Contact: Gabriel Medel
Operator Contact Title: Branch Manager
Operator Contact Phone: 323-595-1478
Operator Contact Phone Ext: Not reported
Operator Contact Email: gabriel.medel@safety-kleen.com
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: 323-595-1478
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Nahid Toossi
Certifier Title:	EHS Manager
Certification Date:	23-JUN-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188868
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I001836
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/30/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Safety Kleen
Discharge Address:	2918 Worthen Avenue
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90039
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: SAFETYKLEEN INC LA BRANCH
Address: 2918 WORTHEN AVE
City,State,Zip: LOS ANGELES, CA 90039
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19I001836
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	03/30/1992
Operator Name:	Safety Kleen
Operator Address:	2918 Worthen Avenue
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90039
NPDES as of 03/2018:	
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	188868
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I001836
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/30/1992
Status:	Active
Status Date:	03/30/1992
Place Size:	.5
Place Size Unit:	Acres
Contact:	Gabriel Medel
Contact Title:	Branch Manager
Contact Phone:	323-595-1478
Contact Phone Ext:	Not reported
Contact Email:	gabriel.medel@safety-kleen.com
Operator Name:	Safety Kleen
Operator Address:	2918 Worthen Avenue
Operator City:	Los Angeles
Operator State:	California
Operator Zip:	90039
Operator Contact:	Gabriel Medel
Operator Contact Title:	Branch Manager
Operator Contact Phone:	323-595-1478
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gabriel.medel@safety-kleen.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	323-595-1478
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Nahid Toossi
Certifier Title:	EHS Manager
Certification Date:	23-JUN-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188868
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I001836
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/30/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Safety Kleen
Discharge Address:	2918 Worthen Avenue
Discharge City:	Los Angeles
Discharge State:	California
Discharge Zip:	90039
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	SAFETYKLEEN INC LA BRANCH
Address:	2918 Worthen Ave
City:	LOS ANGELES
Facility ID:	4 19I001836
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 4

Facility Telephone: 5624276611

Facility Contact: BRASSAW JOE

Agency Name: SAFETY KLEEN

Agency Address: 6000 88th St

Agency City,St,Zip: Sacramento 958281119

Agency Contact: MNGR ENVIRNOMENTAL

Agency Telephone: 9169876063

Agency Type: Private

SIC Code: 0

SIC Code 2: Not reported

Primary Waste Type: Not reported

Primary Waste: Not reported

Waste Type2: Not reported

Waste2: Not reported

Primary Waste Type: Not reported

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name: SAFETYKLEEN INC LA BRANCH

Address: 2918 WORTHEN AVE

City,State,Zip: LOS ANGELES, CA 90039

Agency: Safety Kleen

Agency Address: 2918 Worthen Avenue, Los Angeles, CA 90039

Place/Project Type: Industrial - Refuse Systems

SIC/NAICS: 4953

Region: 4

Program: INDSTW

Regulatory Measure Status: Active

Regulatory Measure Type: Storm water industrial

Order Number: 2014-0057-DWQ

WDID: 4 19I001836

NPDES Number: CAS000001

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Adoption Date: Not reported
Effective Date: 03/30/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 2
Violations within 5 years: 2
Latitude: 34.10665
Longitude: -118.25227

CERS:

Name: SAFETYKLEEN INC LA BRANCH
Address: 2918 WORTHEN AVE
City,State,Zip: LOS ANGELES, CA 90039
Site ID: 541473
CERS ID: 259966
CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Violation Date: 12-19-2019
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: deficient level 1 report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Violation Date: 05-08-2020
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: incomplete Level 2 Tech Report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Violation Date: 02-05-2009
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: 0.076 mg/L of Copper and 0.41 mg/L of Zinc was detected at the location, Outfall 1, on 2/5/09.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2002
Violations Found: No

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: - Hand delivered NNC Letter to Tami Massaro at their LA office. -
Contacted their senior EHS Manager - John Matthews - he said he
submitted report along with other 2 reports - Report is found in the
office. - John Matthews has changed the owner/operator
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Site Address: 2918 WORTHEN AVE
Site City: LOS ANGELES
Site Zip: 90039
Enf Action Date: 05-25-2010
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: The letter, AR Review - Benchmark Exceedance, was sent to ensure that
the permittee will develop and implement the BMPs to reduce or prevent
pollutants in SW discharges. Letter also required permittee to submit
evidence of implemented additional BMPs and SWPPP amendments if the
permittee is already implementing the BMPs.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Site Address: 2918 WORTHEN AVE
Site City: LOS ANGELES
Site Zip: 90039
Enf Action Date: 02-07-2011
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: NOV for no benchmark letter response.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Site Address: 2918 WORTHEN AVE
Site City: LOS ANGELES
Site Zip: 90039
Enf Action Date: 05-08-2020
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: incomplete Level 2 Tech Report
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 541473
Site Name: Safetykleen Inc LA Branch
Site Address: 2918 WORTHEN AVE
Site City: LOS ANGELES

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SAFETY-KLEEN SYSTEMS INC (Continued)

1000880993

Site Zip: 90039
 Enf Action Date: 08-14-2020
 Enf Action Type: Notice of Violation
 Enf Action Description: Notice of Violation
 Enf Action Notes: NOTICE OF VIOLATION: FAILURE TO DEVELOP A COMPLETE LEVEL 1 EXCEEDANCE RESPONSE ACTION (ERA) REPORT REQUIRED BY THE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES ORDER NO. 2014-0057-DWQ, NPDES NO. CAS 000001 (GENERAL PERMIT)
 Enf Action Division: Water Boards
 Enf Action Program: INDSTW
 Enf Action Source: SMARTS,

Affiliation:

Affiliation Type Desc: Owner/Operator
 Entity Name: Safety Kleen
 Entity Title: Operator
 Affiliation Address: 2918 Worthen Avenue
 Affiliation City: Los Angeles
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: 90039
 Affiliation Phone: ,

Name: SAFETY-KLEEN
 Address: 2918 N. WORTHEN AVE.
 City,State,Zip: LOS ANGELES, CA 90039
 Site ID: 190420
 CERS ID: SL603799093
 CERS Description: Cleanup Program Site

161
 South
 1/2-1
 0.815 mi.
 4302 ft.

CRHS #13
SAN FERNANDO ROAD/DIVISION STREET
LOS ANGELES, CA 90065

CA ENVIROSTOR S107736195
CA SCH N/A
CA CERS

Relative:
Lower
Actual:
367 ft.

ENVIROSTOR:
 Name: CRHS #13
 Address: SAN FERNANDO ROAD/DIVISION STREET
 City,State,Zip: LOS ANGELES, CA 90065
 Facility ID: 60000054
 Status: Certified
 Status Date: 11/28/2016
 Site Code: 304450
 Site Type: School Cleanup
 Site Type Detailed: School
 Acres: 23
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Joe Hwong
 Supervisor: Shahir Haddad
 Division Branch: Southern California Schools & Brownfields Outreach
 Assembly: 51
 Senate: 24
 Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.10345
Longitude: -118.2391
APN: 5442-002-003, 5442-002-006, 5442-002-013, 5442-002-917
Past Use: * RAILROAD TRANSPORTATION
Potential COC: Arsenic Chlordane Total Chromium (1:6 ratio Cr VI:Cr III DDE Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE Toxaphene TPH-diesel Trichloroethylene (TCE Cadmium and compounds Dieldrin
Confirmed COC: Arsenic Chlordane Lead Total Chromium (1:6 ratio Cr VI:Cr III DDE Polynuclear aromatic hydrocarbons (PAHs Tetrachloroethylene (PCE TPH-diesel Cadmium and compounds Dieldrin Polychlorinated biphenyls (PCBs Toxaphene Trichloroethylene (TCE
Potential Description: IA, OTH, SOIL, SV
Alias Name: Central Region High School #13
Alias Type: Alternate Name
Alias Name: LAUSD-CRHS #13
Alias Type: Alternate Name
Alias Name: Sonia M. Sotomayor Learning Academies
Alias Type: Alternate Name
Alias Name: Taylor Yard, Parcel F
Alias Type: Alternate Name
Alias Name: 5442-002-003
Alias Type: APN
Alias Name: 5442-002-006
Alias Type: APN
Alias Name: 5442-002-013
Alias Type: APN
Alias Name: 5442-002-917
Alias Type: APN
Alias Name: 110033616549
Alias Type: EPA (FRS #)
Alias Name: 304450
Alias Type: Project Code (Site Code)
Alias Name: 60000054
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/06/2005
Comments: Notified on 09/02/05 of public comment/meeting completed. Further action of the PEA for elevated tetrachloroethene (PCE), trichloroethene (TCE), and metals. Soil, soil gas and groundwater sampling was conducted in June/July 2005 an SSI documenting the results is expected.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/31/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 07/31/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/21/2007
Comments: Revised RI approval letter sent to LAUSD

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/01/2007
Comments: WP approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/16/2007
Comments: Approx 4 weeks of field work to fill data gaps in RI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/06/2008
Comments: The draft RAP document dated August 29, 2007 was revised on October 10, 2007. The RAP was approved as final on March 6, 2008. Remedial action planned for the week of 3/3/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 09/28/2007
Comments: Issued 4.15 letter; sent along with a draft RAP Approval letter with comments, before the public comment peiriod began.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/15/2008
Comments: revised remedial design document approved on 5/15/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 05/09/2008
Comments: partial site approval for shallow soil removal issued on 5/9/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/11/2008
Comments: deep excavation RACR approved with no further action. lausd must protect their property from any off-site migration of vocs from former adjacent properties.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 11/01/2007
Comments: DTSC approved the Public Participation Plan, dated November 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 03/14/2011
Comments: Via email on March 14,2011, DTSC concurred with the revised O&M Plan provided LAUSD complies with four comments. The O&M Plan proposes installation and quarterly sampling of soil vapor probes at seven locations and three groundwater monitoring wells. In addition, DTSC requested that LAUSD provide the signed O&M Agreement immediately for full execution.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/08/2011
Comments: DTSC reviewed the Operation and Maintenance Report and requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/11/2013
Comments: On April 11, 2013, DTSC identified discrepancies in the Five-Year Review Report and indicated such be addressed in future O&M Reports and/or Five-Year Review Reports.

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 06/21/2012
Comments: Via email on June 21, 2012, DTSC waived the requirement to submit a Five-Year Review Workplan at this time but indicated that a Five-Year Review evaluation should be included in the next (annual) O&M Report, which is due in February 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/31/2011
Comments: DTSC reviewed the Operation and Maintenance Report and requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/29/2011
Comments: DTSC reviewed the Operation and Maintenance report and had no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/06/2012
Comments: DTSC reviewed the Operation and Maintenance Report and determined that continued monitoring on a quarterly frequency is necessary. DTSC also requested that the provided comments be addressed in future monitoring reports. On April 23, 2012, DTSC concurred with LAUSD's April 10, 2012 proposal to reduce monitoring to an annual basis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/05/2013
Comments: DTSC reviewed the Operation and Maintenance Report and indicated that monitoring continue for another year at all soil vapor and groundwater monitoring locations. DTSC also requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/15/2014
Comments: DTSC reviewed the Operation and Maintenance Report and recommended that soil vapor and groundwater monitoring continue at all monitoring locations on an annual basis until concentrations are below Site-Specific Action Levels. DTSC also requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/01/2015
Comments: DTSC reviewed the Operation and Maintenance Report, suggested a reduced monitoring program, and requested that the comments provided

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

be addressed in future monitoring reports. DTSC anticipates the next monitoring event to be conducted in January 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/01/2016
Comments: DTSC reviewed the Operation and Maintenance Report and provided comments on the Report for the record. In addition, DTSC determined that no further action is necessary for the Site provided LAUSD executes an access agreement for continued monitoring as it appears that an increasing trend of PCE in soil vapor may be due to an off-site source.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 02/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 03/06/2008
Comments: Final Negative Declaration was signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/28/2007
Comments: Amended SCA Master Agreement to add this site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 12/26/2007
Comments: deep excavation commenced 4/2008 to 7/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/13/2017
Comments: Closeout Form 1554 submitted on 11/30/16 and processed by CRBU on 4/13/17; closeout complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/01/2016
Comments: In a letter, dated August 1, 2016, DTSC provided its final response regarding LAUSD's request to terminate O&M activities at the Site. Overall, it appears that VOC concentrations in groundwater and soil vapor do not appear to pose a health risk to receptors at the school. Thus, DTSC determined that no further action is necessary for the Site provided LAUSD executes an access agreement for continued monitoring as it appears that an increasing trend of PCE in soil vapor may be due to an off-site source. DTSC will certify the Site after confirmation of an executed access agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2016
Comments: Annual Cost Estimate Letter, dated 09/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/28/2016
Comments: On November 28, 2016, DTSC certified that all response actions have been completed and no further action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 03/15/2011
Comments: On March 15, 2011, the Operation and Maintenance Agreement between LAUSD and DTSC became effective. The O&M Agreement addresses implementation of O&M activities, conducting Five-Year Reviews, cost recovery, etc. A PDF file of the O&M Agreement was provided to LAUSD via email on March 16, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/17/2011
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete; operation and maintenance is required.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: CRHS #13
Address: SAN FERNANDO ROAD/DIVISION STREET
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 60000054
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 23
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Joe Hwong
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304450
Assembly: 51
Senate: 24
Special Program Status: Not reported
Status: Certified
Status Date: 11/28/2016
Restricted Use: NO
Funding: School District
Latitude: 34.10345
Longitude: -118.2391
APN: 5442-002-003, 5442-002-006, 5442-002-013, 5442-002-917
Past Use: * RAILROAD TRANSPORTATION
Potential COC: Arsenic, Chlordane, Total Chromium (1:6 ratio Cr VI:Cr III, DDE, Lead, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, Toxaphene, TPH-diesel, Trichloroethylene (TCE, Cadmium and compounds, Dieldrin
Confirmed COC: Arsenic, Chlordane, Lead, Total Chromium (1:6 ratio Cr VI:Cr III, DDE, Polynuclear aromatic hydrocarbons (PAHs, Tetrachloroethylene (PCE, TPH-diesel, Cadmium and compounds, Dieldrin, Polychlorinated biphenyls (PCBs, Toxaphene, Trichloroethylene (TCE
Potential Description: IA, OTH, SOIL, SV
Alias Name: Central Region High School #13
Alias Type: Alternate Name
Alias Name: LAUSD-CRHS #13
Alias Type: Alternate Name
Alias Name: Sonia M. Sotomayor Learning Academies
Alias Type: Alternate Name
Alias Name: Taylor Yard, Parcel F
Alias Type: Alternate Name
Alias Name: 5442-002-003
Alias Type: APN
Alias Name: 5442-002-006
Alias Type: APN
Alias Name: 5442-002-013
Alias Type: APN
Alias Name: 5442-002-917
Alias Type: APN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Alias Name: 110033616549
Alias Type: EPA (FRS #)
Alias Name: 304450
Alias Type: Project Code (Site Code)
Alias Name: 60000054
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/06/2005
Comments: Notified on 09/02/05 of public comment/meeting completed. Further action of the PEA for elevated tetrachloroethene (PCE), trichloroethene (TCE), and metals. Soil, soil gas and groundwater sampling was conducted in June/July 2005 an SSI documenting the results is expected.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/31/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 07/31/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/21/2007
Comments: Revised RI approval letter sent to LAUSD

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/01/2007
Comments: WP approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/16/2007
Comments: Approx 4 weeks of field work to fill data gaps in RI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 03/06/2008
Comments: The draft RAP document dated August 29, 2007 was revised on October 10, 2007. The RAP was approved as final on March 6, 2008. Remedial action planned for the week of 3/3/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Document Type: 4.15 Request
Completed Date: 09/28/2007
Comments: Issued 4.15 letter; sent along with a draft RAP Approval letter with comments, before the public comment peiriod began.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 05/15/2008
Comments: revised remedial design document approved on 5/15/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 05/09/2008
Comments: partial site approval for shallow soil removal issued on 5/9/2008

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/11/2008
Comments: deep excavation RACR approved with no further action. lausd must protect their property from any off-site migration of vocs from former adjacent properties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 12/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/01/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 11/01/2007
Comments: DTSC approved the Public Participation Plan, dated November 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Document Type: Operation and Maintenance Plan
Completed Date: 03/14/2011
Comments: Via email on March 14, 2011, DTSC concurred with the revised O&M Plan provided LAUSD complies with four comments. The O&M Plan proposes installation and quarterly sampling of soil vapor probes at seven locations and three groundwater monitoring wells. In addition, DTSC requested that LAUSD provide the signed O&M Agreement immediately for full execution.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/08/2011
Comments: DTSC reviewed the Operation and Maintenance Report and requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 04/11/2013
Comments: On April 11, 2013, DTSC identified discrepancies in the Five-Year Review Report and indicated such be addressed in future O&M Reports and/or Five-Year Review Reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 06/21/2012
Comments: Via email on June 21, 2012, DTSC waived the requirement to submit a Five-Year Review Workplan at this time but indicated that a Five-Year Review evaluation should be included in the next (annual) O&M Report, which is due in February 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/31/2011
Comments: DTSC reviewed the Operation and Maintenance Report and requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/29/2011
Comments: DTSC reviewed the Operation and Maintenance report and had no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/06/2012
Comments: DTSC reviewed the Operation and Maintenance Report and determined that continued monitoring on a quarterly frequency is necessary. DTSC also requested that the provided comments be addressed in future monitoring reports. On April 23, 2012, DTSC concurred with LAUSD's April 10, 2012 proposal to reduce monitoring to an annual basis.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/05/2013
Comments: DTSC reviewed the Operation and Maintenance Report and indicated that monitoring continue for another year at all soil vapor and groundwater monitoring locations. DTSC also requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/15/2014
Comments: DTSC reviewed the Operation and Maintenance Report and recommended that soil vapor and groundwater monitoring continue at all monitoring locations on an annual basis until concentrations are below Site-Specific Action Levels. DTSC also requested that the provided comments be addressed in future monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/01/2015
Comments: DTSC reviewed the Operation and Maintenance Report, suggested a reduced monitoring program, and requested that the comments provided be addressed in future monitoring reports. DTSC anticipates the next monitoring event to be conducted in January 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/01/2016
Comments: DTSC reviewed the Operation and Maintenance Report and provided comments on the Report for the record. In addition, DTSC determined that no further action is necessary for the Site provided LAUSD executes an access agreement for continued monitoring as it appears that an increasing trend of PCE in soil vapor may be due to an off-site source.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 02/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 03/06/2008
Comments: Final Negative Declaration was signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/28/2007
Comments: Amended SCA Master Agreement to add this site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 12/26/2007
Comments: deep excavation commenced 4/2008 to 7/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/13/2017
Comments: Closeout Form 1554 submitted on 11/30/16 and processed by CRBU on 4/13/17; closeout complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/01/2016
Comments: In a letter, dated August 1, 2016, DTSC provided its final response regarding LAUSD's request to terminate O&M activities at the Site. Overall, it appears that VOC concentrations in groundwater and soil vapor do not appear to pose a health risk to receptors at the school. Thus, DTSC determined that no further action is necessary for the Site provided LAUSD executes an access agreement for continued monitoring as it appears that an increasing trend of PCE in soil vapor may be due to an off-site source. DTSC will certify the Site after confirmation of an executed access agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2016
Comments: Annual Cost Estimate Letter, dated 09/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/28/2016
Comments: On November 28, 2016, DTSC certified that all response actions have been completed and no further action is necessary.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRHS #13 (Continued)

S107736195

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 03/15/2011
Comments: On March 15, 2011, the Operation and Maintenance Agreement between LAUSD and DTSC became effective. The O&M Agreement addresses implementation of O&M activities, conducting Five-Year Reviews, cost recovery, etc. A PDF file of the O&M Agreement was provided to LAUSD via email on March 16, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/17/2011
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete; operation and maintenance is required.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:

Name: CRHS #13
Address: SAN FERNANDO ROAD/DIVISION STREET
City,State,Zip: LOS ANGELES, CA 90065
Site ID: 336494
CERS ID: 60000054
CERS Description: School Cleanup

Affiliation:

Affiliation Type Desc: Lead Project Manager
Entity Name: JOE HWONG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: CYPRESS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Supervisor
Entity Name: SHAHIR HADDAD
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

162
SSE
1/2-1
0.833 mi.
4398 ft.

PROFILE PLASTICS
2130 SAN FERNANDO ROAD
LOS ANGELES, CA 90065

CA ENVIROSTOR **S103976110**
CA WIP **N/A**

Relative:
Lower

ENVIROSTOR:

Actual:
374 ft.

Name: PROFILE PLASTICS
Address: 2130 SAN FERNANDO ROAD
City,State,Zip: LOS ANGELES, CA 90065
Facility ID: 19300239
Status: Refer: RWQCB
Status Date: 09/06/2002
Site Code: 300688
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0.2
NPL: NO
Regulatory Agencies: RWQCB 4 - Los Angeles
Lead Agency: RWQCB 4 - Los Angeles
Program Manager: Not reported
Supervisor: * Harlan Jeche
Division Branch: Cleanup Chatsworth
Assembly: 51
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.10340
Longitude: -118.2379
APN: 5457001902
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PROFILE PLASTICS
Alias Type: Alternate Name
Alias Name: 5457001902
Alias Type: APN
Alias Name: 300688
Alias Type: Project Code (Site Code)
Alias Name: 19300239
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROFILE PLASTICS (Continued)

S103976110

Schedule Revised Date: Not reported

WIP:

Name: PROFILE PLASTIC COATINGS INC.
Address: 2130 San Fernando Rd
City,State,Zip: LOS ANGELES, CA 90065
Region: 4
File Number: 112.5661
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

163
NW
1/2-1
0.863 mi.
4554 ft.

CERRITOS ELEMENTARY SCHOOL
120 EAST CERRITOS AVENUE
GLENDALE, CA 91205

CA ENVIROSTOR **S118756622**
CA SCH **N/A**

Relative:
Higher
Actual:
451 ft.

ENVIROSTOR:
Name: CERRITOS ELEMENTARY SCHOOL
Address: 120 EAST CERRITOS AVENUE
City,State,Zip: GLENDALE, CA 91205-3107
Facility ID: 19990022
Status: No Action Required
Status Date: 11/10/1999
Site Code: 300808
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.12527
Longitude: -118.2544
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: CERRITOS ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: GLENDALE USD
Alias Type: Alternate Name
Alias Name: GLENDALE USD-CERRITOS ELEM.
Alias Type: Alternate Name
Alias Name: 300808
Alias Type: Project Code (Site Code)
Alias Name: 19990022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERRITOS ELEMENTARY SCHOOL (Continued)

S118756622

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/10/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/17/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/10/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: CERRITOS ELEMENTARY SCHOOL
Address: 120 EAST CERRITOS AVENUE
City,State,Zip: GLENDALE, CA 91205-3107
Facility ID: 19990022
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 300808
Assembly: 43
Senate: 25
Special Program Status: Not reported
Status: No Action Required
Status Date: 11/10/1999
Restricted Use: NO
Funding: School District
Latitude: 34.12527

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CERRITOS ELEMENTARY SCHOOL (Continued)

S118756622

Longitude: -118.2544
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: CERRITOS ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: GLENDALE USD
Alias Type: Alternate Name
Alias Name: GLENDALE USD-CERRITOS ELEM.
Alias Type: Alternate Name
Alias Name: 300808
Alias Type: Project Code (Site Code)
Alias Name: 19990022
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/10/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/17/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/10/1999
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

164
WNW
1/2-1
0.935 mi.
4937 ft.

MERRY X-RAY CHEMICAL CORPORATION
340 MIRA LOMA AVENUE
GLENDALE, CA 91204

CA HWP S100939944
CA WIP N/A

Relative:
Higher
Actual:
435 ft.

HWP:
EPA ID: CAL000051064
Name: MERRY X-RAY CHEMICAL CORPORATION
Address: 340 MIRA LOMA AVENUE
Cleanup Status: CLOSED
Latitude: 34.12338

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERRY X-RAY CHEMICAL CORPORATION (Continued)

S100939944

Longitude: -118.2569
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported
Site Code: Not reported
Senate District: 25
Assembly District: 43
Public Information Officer: Not reported
Commercial Offsite Facility Types: Not reported
Quarterly Update: Silver recovery only facility that was originally authorized under the Standardized Permit Interim Status tier. A 1997 statute deregulated all these silver recovery only facilities and this facility has been deemed administratively clean closed.

Project Manager Lead: Not reported
Project Manager: Not reported
Permit Type: Standardized
Permit Effective Date: Not reported
Permit Expiration Date: Not reported
Calenviroscreen Score: 96-100% (highest scores)
Total Planned Hours: Not reported
Total Planned Amount: Not reported
Total Actual Hours: Not reported

Closure:

EPA ID: CAL000051064
Facility Type: Historical - Non-Operating
Facility Name: MERRY X-RAY CHEMICAL CORPORATION
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Administrative
Final Date: Not reported
Type: STND
Title Description: Facility deregulated due to SB2111 in 1999.
Due Date: Not reported
Comments: Facility deregulated due to SB2111 in 1999.
Unit Names: Silver Recovery
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 12/18/1998

WIP:

Name: MERRY X-RAY CHEMICAL CORP.
Address: 340 Mira Loma
City,State,Zip: GLENDALE, CA 91204
Region: 4
File Number: 113.0289
File Status: **Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S123430615	FURANE PRODUCTS, CIBA GEIGY CORPOR	5109 & 5121 W SAN FERNANDO RD	90039	CA DRYCLEANERS
LOS ANGELES	S101661395	METRO RAIL PASADENA BLUE LINE	BETWEEN AVENUE 33 & FRENCH AVE	90065	CA ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: N/A
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 800-424-9346
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 24	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021	Source: EPA
Date Data Arrived at EDR: 09/15/2021	Telephone: 800-424-9346
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021	Source: Department of the Navy
Date Data Arrived at EDR: 08/06/2021	Telephone: 843-820-7326
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/18/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/06/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/23/2021	Telephone: 703-603-0695
Date Made Active in Reports: 11/12/2021	Last EDR Contact: 11/19/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 09/21/2021

Telephone: 202-267-2180

Date Made Active in Reports: 12/15/2021

Last EDR Contact: 12/16/2021

Number of Days to Update: 85

Next Scheduled EDR Contact: 04/04/2022

Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/25/2021

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 10/26/2021

Telephone: 916-323-3400

Date Made Active in Reports: 01/14/2022

Last EDR Contact: 01/25/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 05/09/2022

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/25/2021

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 10/26/2021

Telephone: 916-323-3400

Date Made Active in Reports: 01/14/2022

Last EDR Contact: 01/25/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 05/09/2022

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/08/2021

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 11/09/2021

Telephone: 916-341-6320

Date Made Active in Reports: 01/28/2022

Last EDR Contact: 11/09/2021

Number of Days to Update: 80

Next Scheduled EDR Contact: 02/21/2022

Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021	Source: EPA, Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-7439
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3372
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6271
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-6597
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/20/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 08/18/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/08/2021	Telephone: 916-327-7844
Date Made Active in Reports: 12/03/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/07/2021	Source: SWRCB
Date Data Arrived at EDR: 09/07/2021	Telephone: 916-341-5851
Date Made Active in Reports: 11/30/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/08/2021
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021	Source: EPA Region 6
Date Data Arrived at EDR: 06/11/2021	Telephone: 214-665-7591
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021	Source: EPA Region 7
Date Data Arrived at EDR: 06/11/2021	Telephone: 913-551-7003
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 8
Date Data Arrived at EDR: 06/11/2021	Telephone: 303-312-6137
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021	Source: EPA Region 10
Date Data Arrived at EDR: 06/11/2021	Telephone: 206-553-2857
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021	Source: EPA Region 9
Date Data Arrived at EDR: 06/11/2021	Telephone: 415-972-3368
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021	Source: EPA, Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-9424
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021	Source: EPA Region 5
Date Data Arrived at EDR: 06/11/2021	Telephone: 312-886-6136
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/14/2022
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/25/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/08/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 82

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 11/11/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 12

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/18/2021	Telephone: 202-307-1000
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/25/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/26/2021	Telephone: 916-323-3400
Date Made Active in Reports: 01/14/2022	Last EDR Contact: 01/25/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/09/2022
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/18/2021	Source: CalEPA
Date Data Arrived at EDR: 10/19/2021	Telephone: 916-323-2514
Date Made Active in Reports: 01/12/2022	Last EDR Contact: 01/19/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 12/01/2019
Date Data Arrived at EDR: 08/19/2021
Date Made Active in Reports: 10/28/2021
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2021
Date Data Arrived at EDR: 09/03/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/30/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 08/31/2021	Telephone: 916-323-3400
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/13/2021	Telephone: 202-366-4555
Date Made Active in Reports: 09/28/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2021	Source: Office of Emergency Services
Date Data Arrived at EDR: 10/19/2021	Telephone: 916-845-8400
Date Made Active in Reports: 01/12/2022	Last EDR Contact: 01/19/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/07/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/07/2021	Telephone: 866-480-1028
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/15/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 10/12/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/17/2021	Telephone: 202-528-4285
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/14/2022
Number of Days to Update: 62	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/07/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021	Source: EPA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-564-6023
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 40	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 01/07/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/24/2021	Telephone: 301-415-7169
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 01/18/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 12/02/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 11/05/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 02/14/2022
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/27/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/08/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Administration
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2022	Telephone: 202-564-2280
Date Made Active in Reports: 01/10/2022	Last EDR Contact: 01/04/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 01/11/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021	Source: EPA
Date Data Arrived at EDR: 08/13/2021	Telephone: 800-385-6164
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/20/2021	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2021	Telephone: 916-323-3400
Date Made Active in Reports: 12/08/2021	Last EDR Contact: 12/16/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 11/19/2021
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/18/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/24/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 11/05/2021
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/15/2020	Telephone: 916-255-1136
Date Made Active in Reports: 07/02/2020	Last EDR Contact: 01/07/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/13/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/13/2021	Telephone: 877-786-9427
Date Made Active in Reports: 11/08/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/13/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/13/2021	Telephone: 916-323-3400
Date Made Active in Reports: 11/08/2021	Last EDR Contact: 11/15/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/04/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/05/2021	Telephone: 916-440-7145
Date Made Active in Reports: 12/22/2021	Last EDR Contact: 01/04/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/07/2021	Source: Department of Conservation
Date Data Arrived at EDR: 09/07/2021	Telephone: 916-322-1080
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/05/2021	Source: Department of Public Health
Date Data Arrived at EDR: 08/31/2021	Telephone: 916-558-1784
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/09/2021	Telephone: 916-445-9379
Date Made Active in Reports: 01/27/2022	Last EDR Contact: 11/09/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/30/2021	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 08/31/2021	Telephone: 916-445-4038
Date Made Active in Reports: 11/19/2021	Last EDR Contact: 11/30/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 03/14/2022
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/04/2021	Source: Department of Conservation
Date Data Arrived at EDR: 06/04/2021	Telephone: 916-323-3836
Date Made Active in Reports: 08/27/2021	Last EDR Contact: 11/29/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/16/2021	Telephone: 916-445-3846
Date Made Active in Reports: 06/01/2021	Last EDR Contact: 12/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/28/2022
	Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/03/2021	Source: Department of Conservation
Date Data Arrived at EDR: 06/03/2021	Telephone: 916-445-2408
Date Made Active in Reports: 08/25/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/08/2021
Date Made Active in Reports: 12/01/2021
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/07/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/07/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/13/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 10/06/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 12/28/2021
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 09/30/2021	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/01/2021	Telephone: 510-567-6700
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 12/28/2021
Number of Days to Update: 75	Next Scheduled EDR Contact: 04/18/2022
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 11/01/2021	Source: Amador County Environmental Health
Date Data Arrived at EDR: 11/02/2021	Telephone: 209-223-6439
Date Made Active in Reports: 01/24/2022	Last EDR Contact: 01/28/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 05/16/2022
	Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/28/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/22/2021
Date Data Arrived at EDR: 10/26/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 85

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 10/26/2021
Number of Days to Update: 84

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/09/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 09/17/2021
Number of Days to Update: 86

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/21/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/12/2022
Number of Days to Update: 84

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 10/07/2021
Number of Days to Update: 56

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 10/08/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 82

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 10/12/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 10/13/2021	Telephone: 626-458-6973
Date Made Active in Reports: 01/04/2022	Last EDR Contact: 01/07/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 09/14/2021	Last EDR Contact: 12/17/2021
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/04/2022
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2022
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/07/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/25/2022
	Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 01/13/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/28/2021	Telephone: 310-618-2973
Date Made Active in Reports: 07/13/2021	Last EDR Contact: 01/13/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 11/11/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 12/20/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 11/16/2021
Number of Days to Update: 4	Next Scheduled EDR Contact: 03/07/2022
	Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/11/2021	Source: Merced County Environmental Health
Date Data Arrived at EDR: 08/12/2021	Telephone: 209-381-1094
Date Made Active in Reports: 11/08/2021	Last EDR Contact: 11/23/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/28/2022
	Data Release Frequency: Varies

MONO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Petroleum and non-petroleum spills.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/04/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/08/2021
Date Data Arrived at EDR: 11/02/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/29/2021
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/07/2021
Date Data Arrived at EDR: 09/09/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 81

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 11/02/2021
Number of Days to Update: 90

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/04/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 01/24/2022
Number of Days to Update: 80

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/11/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/31/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/30/2021
Date Data Arrived at EDR: 08/31/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 80

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/05/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/09/2021
Next Scheduled EDR Contact: 12/27/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/11/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 89

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/10/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 08/04/2021
Date Data Arrived at EDR: 08/05/2021
Date Made Active in Reports: 10/29/2021
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 02/27/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/25/2021
Date Made Active in Reports: 11/17/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List

Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/16/2022
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

VENTURA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/29/2021	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/26/2021	Telephone: 805-654-2813
Date Made Active in Reports: 01/13/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 12/20/2021
Number of Days to Update: 49	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/05/2021
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/21/2022
	Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/29/2021	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/21/2021	Telephone: 805-654-2813
Date Made Active in Reports: 01/13/2022	Last EDR Contact: 01/18/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 05/02/2022
	Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2021	Source: Environmental Health Division
Date Data Arrived at EDR: 09/08/2021	Telephone: 805-654-2813
Date Made Active in Reports: 11/29/2021	Last EDR Contact: 12/07/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/21/2022
	Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 09/23/2021	Source: Yolo County Department of Health
Date Data Arrived at EDR: 09/28/2021	Telephone: 530-666-8646
Date Made Active in Reports: 12/15/2021	Last EDR Contact: 12/20/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 04/11/2022
	Data Release Frequency: Annually

YUBA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 10/26/2021
Date Data Arrived at EDR: 10/27/2021
Date Made Active in Reports: 01/20/2022
Number of Days to Update: 85

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/24/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2021
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/28/2022
Next Scheduled EDR Contact: 05/09/2022
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WASHINGTON IRVING MAGNET SCHOOL
3010 ESTARA AVENUE
LOS ANGELES, CA 90065

TARGET PROPERTY COORDINATES

Latitude (North): 34.116505 - 34° 6' 59.42"
Longitude (West): 118.241526 - 118° 14' 29.49"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 385498.6
UTM Y (Meters): 3775575.0
Elevation: 404 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 12021699 LOS ANGELES, CA
Version Date: 2018

Northeast Map: 12021711 PASADENA, CA
Version Date: 2018

Southwest Map: 12021991 HOLLYWOOD, CA
Version Date: 2018

Northwest Map: 12021683 BURBANK, CA
Version Date: 2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

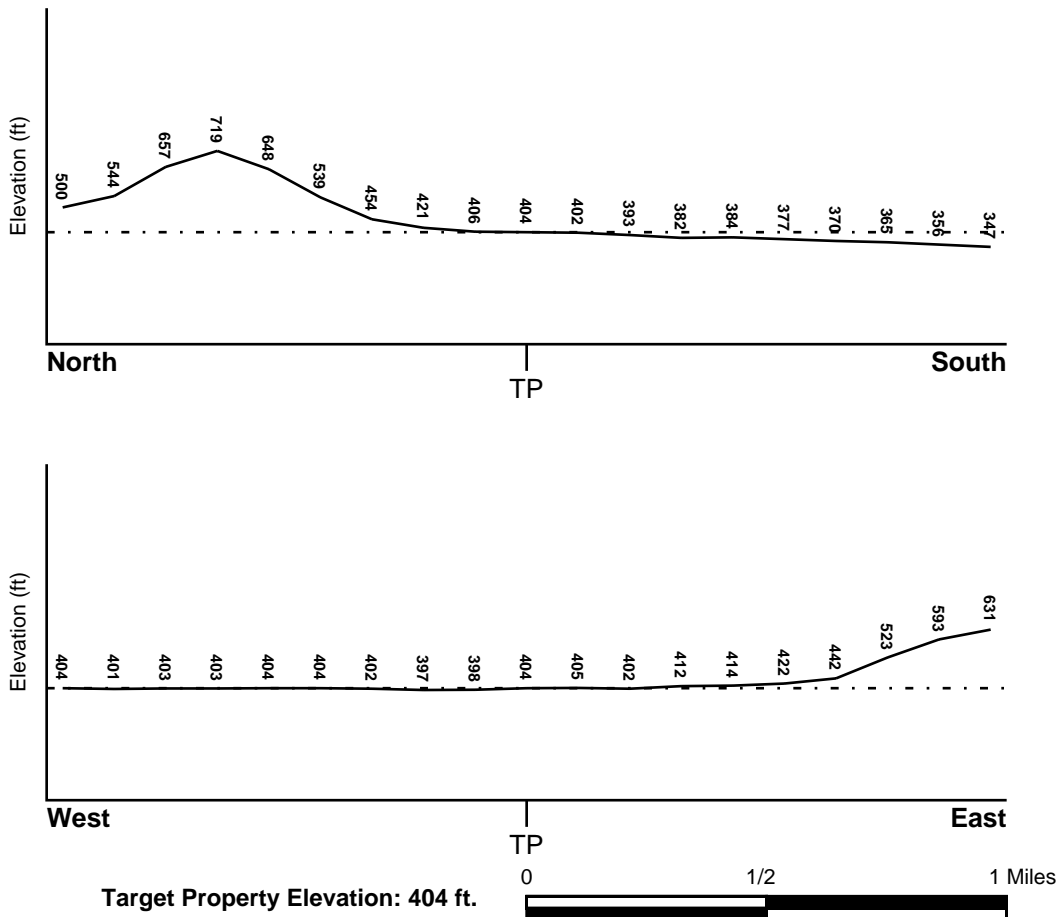
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C1626F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1375F	FEMA FIRM Flood data
06037C1345F	FEMA FIRM Flood data
06037C1610F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
LOS ANGELES	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
 gravelly - sandy loam
 silt loam
 clay
 fine sand
 gravelly - sand
 sand
 fine sandy loam

Surficial Soil Types: sandy loam
 gravelly - sandy loam
 silt loam
 clay
 fine sand
 gravelly - sand
 sand
 fine sandy loam

Shallow Soil Types: fine sandy loam
 gravelly - loam
 sandy clay
 sandy clay loam
 clay
 silty clay
 sand

Deeper Soil Types: gravelly - sandy loam
 sandy loam
 very gravelly - sandy loam
 stratified
 very fine sandy loam
 weathered bedrock
 sand
 gravelly - fine sandy loam
 silty clay loam
 clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
G39	USGS40000141685	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
51	CA2300627	1/2 - 1 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CAEDF0000053312	1/8 - 1/4 Mile WSW
A2	CAEDF0000124416	1/8 - 1/4 Mile SW
A3	CAEDF0000104965	1/8 - 1/4 Mile SW
A4	CAEDF0000121517	1/8 - 1/4 Mile SW
A5	CAEDF0000052381	1/8 - 1/4 Mile SW
B6	CAEDF0000110404	1/4 - 1/2 Mile WNW
B7	CAEDF0000125871	1/4 - 1/2 Mile WNW
B8	CAEDF0000049208	1/4 - 1/2 Mile WNW
B9	CAEDF0000107623	1/4 - 1/2 Mile WNW
B10	CAEDF0000061804	1/4 - 1/2 Mile WNW
B11	CAEDF0000110578	1/4 - 1/2 Mile WNW
12	CAEDF0000083794	1/4 - 1/2 Mile West
13	CADWR0000010938	1/4 - 1/2 Mile SSW
C14	CAEDF0000111931	1/4 - 1/2 Mile SE
C15	CAEDF0000059695	1/4 - 1/2 Mile SE
C16	CAEDF0000011302	1/4 - 1/2 Mile SE
D17	CAPFAS000000384	1/4 - 1/2 Mile SW
D18	CADDW0000005914	1/4 - 1/2 Mile SW
C19	CAEDF0000057151	1/4 - 1/2 Mile SE
E20	CAEDF0000040757	1/4 - 1/2 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E21	CAEDF0000136105	1/2 - 1 Mile West
E22	CAEDF0000068396	1/2 - 1 Mile West
F23	CAEDF0000034747	1/2 - 1 Mile WNW
F24	CAEDF0000032112	1/2 - 1 Mile WNW
F25	CAEDF0000133327	1/2 - 1 Mile WNW
E26	CAEDF0000050842	1/2 - 1 Mile West
E27	CAEDF0000097703	1/2 - 1 Mile West
E28	CAEDF0000014557	1/2 - 1 Mile West
E29	CAEDF0000105671	1/2 - 1 Mile West
E30	CAEDF0000012716	1/2 - 1 Mile West
G31	CADWR0000006964	1/2 - 1 Mile SW
G32	CADWR0000032450	1/2 - 1 Mile SW
G33	CADWR0000009736	1/2 - 1 Mile SW
G34	CAUSGS000002678	1/2 - 1 Mile SW
G35	CAUSGSN00000073	1/2 - 1 Mile SW
E36	CAEDF0000139737	1/2 - 1 Mile West
E37	CAEDF0000033420	1/2 - 1 Mile West
E38	CAEDF0000131807	1/2 - 1 Mile West
E40	CAEDF0000048002	1/2 - 1 Mile West
E41	CAEDF0000126367	1/2 - 1 Mile West
G42	CALLNL000001109	1/2 - 1 Mile SW
F43	CAEDF0000008850	1/2 - 1 Mile WNW
F44	CAEDF0000056401	1/2 - 1 Mile West
H45	CAEDF0000080460	1/2 - 1 Mile West
F46	CAEDF0000057177	1/2 - 1 Mile WNW
H47	CAEDF0000023422	1/2 - 1 Mile West
H48	CAEDF0000120710	1/2 - 1 Mile West
G49	CADPR0000000034	1/2 - 1 Mile SW
H50	CAEDF0000054390	1/2 - 1 Mile West
52	CADDW0000008263	1/2 - 1 Mile SW
I53	CAEDF0000060547	1/2 - 1 Mile ENE
I54	CAEDF0000063642	1/2 - 1 Mile ENE
I55	CAEDF0000094157	1/2 - 1 Mile ENE
I56	CAEDF0000077337	1/2 - 1 Mile ENE
I57	CAEDF0000058458	1/2 - 1 Mile ENE
I58	CAEDF0000006872	1/2 - 1 Mile ENE
J59	CAEDF0000109861	1/2 - 1 Mile NE
I60	CAEDF0000123150	1/2 - 1 Mile ENE
J61	CAEDF0000118837	1/2 - 1 Mile NE
J62	CAEDF0000101789	1/2 - 1 Mile NE
J63	CAEDF0000050571	1/2 - 1 Mile NE
J64	CAEDF0000092156	1/2 - 1 Mile NE
J65	CAEDF0000081969	1/2 - 1 Mile NE
K66	CADWR0000036004	1/2 - 1 Mile WNW
K67	CADWR0000018076	1/2 - 1 Mile WNW
K68	CADWR0000004842	1/2 - 1 Mile WNW
69	CADWR9000006844	1/2 - 1 Mile SW
L70	CAEDF0000077086	1/2 - 1 Mile SSE
L71	CAEDF0000099290	1/2 - 1 Mile SSE
L72	CAEDF0000017998	1/2 - 1 Mile SSE
L73	CAEDF0000095179	1/2 - 1 Mile SSE
L74	CAEDF0000093714	1/2 - 1 Mile SSE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

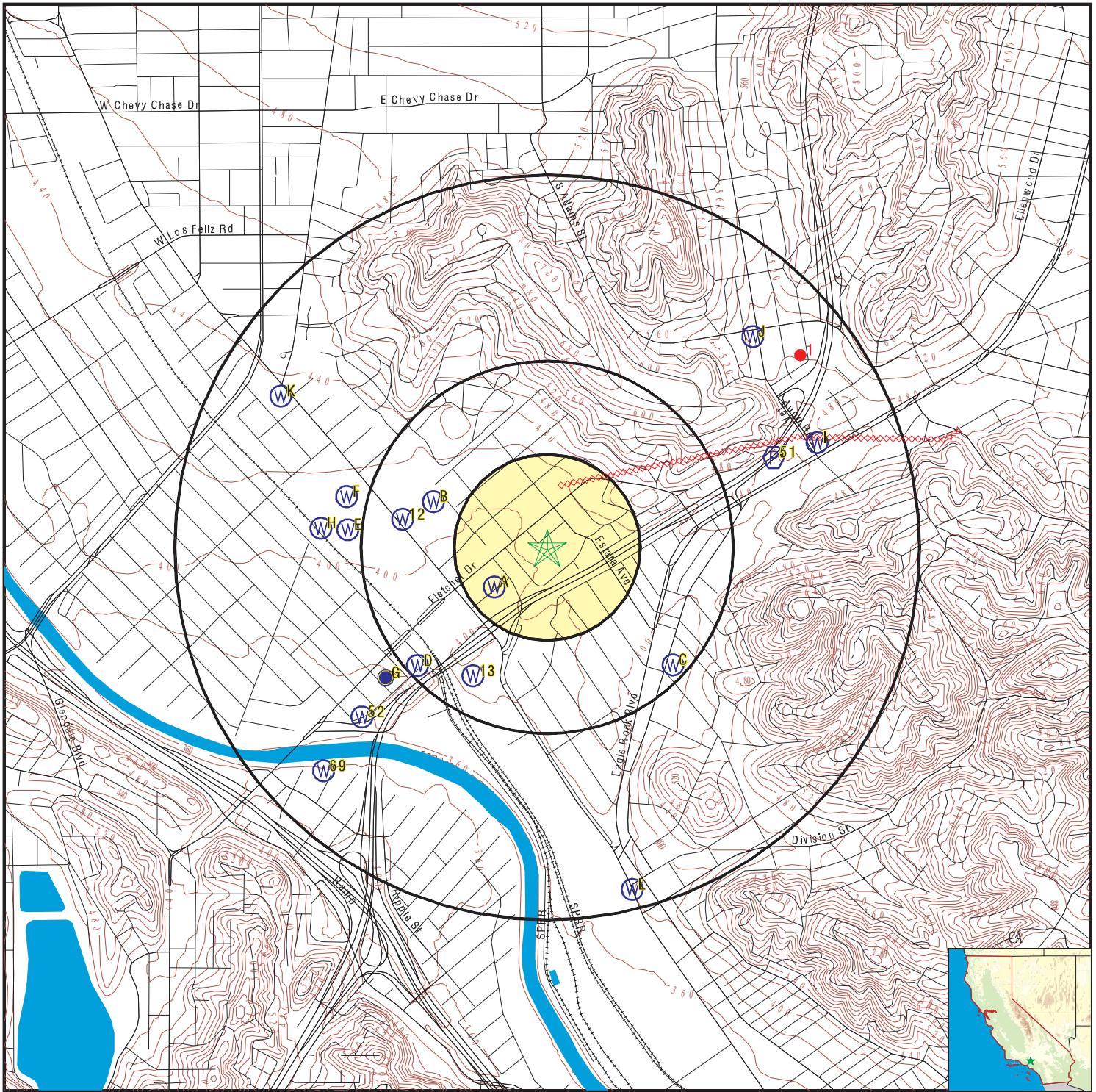
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
L75	CAEDF0000085179	1/2 - 1 Mile SSE
L76	CAEDF0000088492	1/2 - 1 Mile SSE
L77	CAEDF0000106242	1/2 - 1 Mile SSE
L78	CAEDF0000097036	1/2 - 1 Mile SSE
L79	CAEDF0000096322	1/2 - 1 Mile SSE
L80	CAEDF0000000308	1/2 - 1 Mile SSE
L81	CAEDF0000081254	1/2 - 1 Mile SSE
L82	CAEDF0000011440	1/2 - 1 Mile SSE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG14000005112	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 6841953.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Washington Irving Magnet School
 ADDRESS: 3010 Estara Avenue
 Los Angeles CA 90065
 LAT/LONG: 34.116505 / 118.241526

CLIENT: Eco & Associates, Inc.
 CONTACT: Janet Holtz
 INQUIRY #: 6841953.2s
 DATE: February 01, 2022 4:56 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
WSW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000053312

Well ID:	T0603701182-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701182&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701182&assigned_name=MW3		

A2
SW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000124416

Well ID:	T0603701182-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701182&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701182&assigned_name=MW2		

A3
SW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000104965

Well ID:	T0603701182-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701182&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701182&assigned_name=MW4		

A4
SW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000121517

Well ID:	T0603701182-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701182&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701182&assigned_name=MW1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A5
SW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000052381

Well ID:	T0603701182-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701182&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701182&assigned_name=MW5		

B6
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000110404

Well ID:	SL0603728988-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-2		

B7
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000125871

Well ID:	SL0603728988-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-7		

B8
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000049208

Well ID:	SL0603728988-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B9
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000107623

Well ID:	SL0603728988-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-6		

B10
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000061804

Well ID:	SL0603728988-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-1		

B11
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000110578

Well ID:	SL0603728988-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-5		

12
West
1/4 - 1/2 Mile
Higher

CA WELLS CAEDF0000083794

Well ID:	SL0603728988-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603728988&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603728988&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

13
SSW
1/4 - 1/2 Mile
Lower

CA WELLS CADWR0000010938

Well ID: 01S13W04K001S Well Type: UNK
 Source: Department of Water Resources
 Other Name: 01S13W04K001S GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S13W04K001S&store_num=
 GeoTracker Data: Not Reported

C14
SE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000111931

Well ID: T0603701197-MW-3 Well Type: MONITORING
 Source: EDF Other Name: MW-3
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701197&assigned_name=MW-3&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701197&assigned_name=MW-3

C15
SE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000059695

Well ID: T0603701197-MW-2 Well Type: MONITORING
 Source: EDF Other Name: MW-2
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701197&assigned_name=MW-2&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701197&assigned_name=MW-2

C16
SE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000011302

Well ID: T0603701197-MW-4 Well Type: MONITORING
 Source: EDF Other Name: MW-4
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701197&assigned_name=MW-4&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701197&assigned_name=MW-4

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D17
SW
1/4 - 1/2 Mile
Lower

CA WELLS CAPFAS000000384

Well ID:	1910067-110	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	POLLOCK WELL 06	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-110&store_num=		
GeoTracker Data:	Not Reported		

D18
SW
1/4 - 1/2 Mile
Lower

CA WELLS CADDW0000005914

Well ID:	1910067-110	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	POLLOCK WELL 06	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-110&store_num=		
GeoTracker Data:	Not Reported		

C19
SE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000057151

Well ID:	T0603701197-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701197&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701197&assigned_name=MW-1		

E20
West
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000040757

Well ID:	SL204551609-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E21
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000136105

Well ID: SL204551609-MW-19 Well Type: MONITORING
 Source: EDF Other Name: MW-19
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-19&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-19

E22
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000068396

Well ID: SL204551609-MW-15 Well Type: MONITORING
 Source: EDF Other Name: MW-15
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-15&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-15

F23
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000034747

Well ID: SL204551609-MW-20 Well Type: MONITORING
 Source: EDF Other Name: MW-20
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-20&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-20

F24
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000032112

Well ID: SL204551609-MW-23S Well Type: MONITORING
 Source: EDF Other Name: MW-23S
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-23S&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-23S

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F25
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000133327

Well ID:	SL204551609-MW-23D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-23D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-23D		

E26
West
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000050842

Well ID:	SL204551609-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-16		

E27
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000097703

Well ID:	SL204551609-GW-EFF	Well Type:	MONITORING
Source:	EDF	Other Name:	GW-EFF
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=GW-EFF&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=GW-EFF		

E28
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000014557

Well ID:	SL204551609-MW-24D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-24D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-24D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E29
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000105671

Well ID:	SL204551609-MW-24S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-24S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-24S		

E30
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000012716

Well ID:	SL204551609-GW-INF	Well Type:	MONITORING
Source:	EDF	Other Name:	GW-INF
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=GW-INF&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=GW-INF		

G31
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000006964

Well ID:	01S13W04L004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S13W04L004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S13W04L004S&store_num=		
GeoTracker Data:	Not Reported		

G32
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000032450

Well ID:	01S13W04L002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S13W04L002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S13W04L002S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G33
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000009736

Well ID:	01S13W04L003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S13W04L003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S13W04L003S&store_num=		
GeoTracker Data:	Not Reported		

G34
SW
1/2 - 1 Mile
Lower

CA WELLS CAUSGS000002678

G35
SW
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00000073

Well ID:	USGS-340742118144801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340742118144801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340742118144801&store_num=		
GeoTracker Data:	Not Reported		

E36
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000139737

Well ID:	SL204551609-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-17		

E37
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000033420

Well ID:	SL204551609-MW-22D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-22D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-22D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E38
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000131807

Well ID:	SL204551609-MW-22S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-22S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-22S		

G39
SW
1/2 - 1 Mile
Lower

FED USGS USGS40000141685

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S013W04L003S	Type:	Well
Description:	GAMA ULAB SLOW	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19580515	Well Depth:	268
Well Depth Units:	ft	Well Hole Depth:	268
Well Hole Depth Units:	ft		

E40
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000048002

Well ID:	SL204551609-MW-21D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-21D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-21D		

E41
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000126367

Well ID:	SL204551609-MW-21S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-21S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-21S		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G42
SW
1/2 - 1 Mile
Lower

CA WELLS CALLNL000001109

Well ID:	103122	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	01S/13W-04L03 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-3/Helium-4	Results:	.00000127855
Units:	atom ratio	Date:	08/10/2005

Chemical:	Xenon	Results:	.0000000100595
Units:	cm3STP/g	Date:	08/10/2005

Chemical:	Krypton	Results:	.0000000766172
Units:	cm3STP/g	Date:	08/10/2005

Chemical:	Helium-4	Results:	.0000000763157
Units:	cm3STP/g	Date:	08/10/2005

Chemical:	Neon	Results:	.000000236683
Units:	cm3STP/g	Date:	08/10/2005

Chemical:	Tritium (Hydrogen 3)	Results:	16.16
Units:	pCi/L	Date:	09/16/2005

Chemical:	Argon	Results:	.000354818
Units:	cm3STP/g	Date:	08/10/2005

F43
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000008850

Well ID:	SL204551609-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F44
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000056401

Well ID:	SL204551609-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-14		

H45
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000080460

Well ID:	SL204551609-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-12		

F46
WNW
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000057177

Well ID:	SL204551609-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-8		

H47
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000023422

Well ID:	SL204551609-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-13		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H48
West
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000120710

Well ID:	SL204551609-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-18		

G49
SW
1/2 - 1 Mile
Lower

CA WELLS CADPR0000000034

Well ID:	76403	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	76403	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=76403&store_num=		
GeoTracker Data:	Not Reported		

H50
West
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000054390

Well ID:	SL204551609-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204551609&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204551609&assigned_name=MW-11		

51
ENE
1/2 - 1 Mile
Higher

FRDS PWS CA2300627

Epa region:	09	State:	CA
Pwsid:	CA2300627	Pwsname:	GEORGE & RITA SAYER
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06045
Status:	Closed	Retpopsrvd:	200
Pwssvconn:	11	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	GEORGE & RITA SAYER	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	SEAGULL RESTAURANT
Contactaddress2:	10481 LANSING	Contactcity:	MENDOCINO
Contactstate:	CA	Contactzip:	95460

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsactivitycode:	N		
PWS ID:	CA2300627	PWS type:	System Owner/Responsible Party
PWS name:	SEAGULL RESTAURANT	PWS address:	Not Reported
PWS city:	MENDOCINO	PWS state:	CA
PWS zip:	95460	PWS ID:	CA2300627
Activity status:	Active	Date system activated:	8404
Date system deactivated:	Not Reported	Retail population:	00000200
System name:	GEORGE & RITA SAYER	System address:	SEAGULL RESTAURANT
System address:	10481 LANSING	System city:	MENDOCINO
System state:	CA	System zip:	95460
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	340712	Longitude:	1181348

**52
SW
1/2 - 1 Mile
Lower**

CA WELLS CADDW0000008263

Well ID:	1910067-108	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	POLLOCK WELL 04	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=1910067-108&store_num=		
GeoTracker Data:	Not Reported		

**I53
ENE
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000060547

Well ID:	T0603751693-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603751693&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603751693&assigned_name=MW-10		

**I54
ENE
1/2 - 1 Mile
Higher**

CA WELLS CAEDF0000063642

Well ID:	T0603799322-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603799322&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603799322&assigned_name=MW-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I55
ENE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000094157

Well ID:	T0603751693-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603751693&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603751693&assigned_name=MW-9		

I56
ENE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000077337

Well ID:	T0603799322-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603799322&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603799322&assigned_name=MW-6		

I57
ENE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000058458

Well ID:	T0603751693-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603751693&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603751693&assigned_name=MW-8		

I58
ENE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000006872

Well ID:	T0603799322-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603799322&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603799322&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J59
NE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000109861

Well ID:	T0603771868-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603771868&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603771868&assigned_name=MW10		

I60
ENE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000123150

Well ID:	T0603799322-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603799322&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603799322&assigned_name=MW-5		

J61
NE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000118837

Well ID:	T0603771868-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603771868&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603771868&assigned_name=MW7		

J62
NE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000101789

Well ID:	T0603771868-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603771868&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603771868&assigned_name=MW3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J63
NE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000050571

Well ID:	T0603771868-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603771868&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603771868&assigned_name=MW9		

J64
NE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000092156

Well ID:	T0603771868-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603771868&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603771868&assigned_name=MW8		

J65
NE
1/2 - 1 Mile
Higher

CA WELLS CAEDF0000081969

Well ID:	T0603771868-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603771868&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603771868&assigned_name=MW6		

K66
WNW
1/2 - 1 Mile
Higher

CA WELLS CADWR0000036004

Well ID:	01N13W33N003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N13W33N003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01N13W33N003S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K67
WNW
1/2 - 1 Mile
Higher

CA WELLS CADWR0000018076

Well ID:	01N13W33N002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N13W33N002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01N13W33N002S&store_num=		
GeoTracker Data:	Not Reported		

K68
WNW
1/2 - 1 Mile
Higher

CA WELLS CADWR0000004842

Well ID:	01N13W33N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N13W33N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01N13W33N001S&store_num=		
GeoTracker Data:	Not Reported		

69
SW
1/2 - 1 Mile
Lower

CA WELLS CADWR9000006844

State Well #:	01S13W04P003S	Station ID:	49948
Well Name:	3949B	Basin Name:	San Fernando Valley
Well Use:	Residential	Well Type:	Single Well
Well Depth:	205	Well Completion Rpt #:	Not Reported

L70
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000077086

Well ID:	T10000002325-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L71
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000099290

Well ID:	T10000003360-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003360&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003360&assigned_name=MW-6		

L72
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000017998

Well ID:	T10000002325-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-2		

L73
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000095179

Well ID:	T10000003360-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003360&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003360&assigned_name=MW-4		

L74
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000093714

Well ID:	T10000002325-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L75
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000085179

Well ID:	T10000003360-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003360&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003360&assigned_name=MW-5		

L76
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000088492

Well ID:	T10000002325-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-6		

L77
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000106242

Well ID:	T10000003360-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003360&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003360&assigned_name=MW-1		

L78
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000097036

Well ID:	T10000002325-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

L79
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000096322

Well ID:	T10000003360-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003360&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003360&assigned_name=MW-2		

L80
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000000308

Well ID:	T10000003360-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003360&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003360&assigned_name=MW-3		

L81
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000081254

Well ID:	T10000002325-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-7		

L82
SSE
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000011440

Well ID:	T10000002325-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000002325&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000002325&assigned_name=MW-8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance

Database EDR ID Number

1
NE
1/2 - 1 Mile

OIL_GAS CAOG14000005112

API #: 0403705259
 Well Status: Plugged
 Lease Name: Lease by Calvin Oil Co.
 Area Name: Any Area
 Confidential Well: N
 Spud Date: Not Reported

Well #: 1
 Well Type: Dry Hole
 Field Name: Any Field
 GIS Source: hud
 Directionally Drilled: N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90065	14	3

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX E

LAUSD Radon Memorandum

INTEROFFICE CORRESPONDENCE
Los Angeles Unified School District
Office of Environmental Health and Safety

TO: Leah Guthrie
Facilities Development Manager
Facilities Services Division - Asset Management

DATE: Mar. 21, 2022

FROM: Lawrence Browne LB
Site Assessment Project Manager, Contract Professional
Office of Environmental Health and Safety, Site Assessment

SITE: **IRVING STEAM MIDDLE SCHOOL - RADON DETERMINATION**

This interoffice correspondence from the Office of Environmental Health and Safety (OEHS) has been prepared for the determination of radon at Irving STEAM Middle School located at 3010 Estara Avenue, Los Angeles, California 90065.

There are three radon zones designated as high, moderate, and low within the boundaries of the Los Angeles Unified School District. OEHS has determined that Irving STEAM Middle School is within a "high radon zone". The high radon zone is defined as having a high potential for radon levels to be above 4 picocuries per liter (pCi/L).

The high radon zone designation was made by OEHS utilizing the radon map within the California Department of Conservation website¹ and the OEHS-produced District-wide radon map from March 2016 that utilized the following sources:

- 1) Radon Data by Zip Code, California Department of Public Health Indoor Radon Program, February 2016² (result - 1 test in 45 above 4 pCi/L for Zip code 90001);
- 2) Radon Data for Palos Verdes Peninsula, 2012³; and,
- 3) Special Report #182, Radon Potential in for Southern Los Angeles County, California Department of Conservation, California Geological Survey⁴, 2005.

As stated in Los Angeles Unified School District Reference Guide REF-5314.2⁵
Procedures for Environmental Review of Proposed Projects:

Building Design and Construction Measures – Should a building or similar structure be constructed or renovated for student and/or staff occupancy and is located in a “high” radon zone, U.S. Environmental Protection Agency (EPA) guidance entitled “*Radon Prevention in the Design and Construction of Schools and Other Large Buildings, EPA/625/R-92/016, June 1994*” (or latest published version) shall be reviewed and all relevant and appropriate measures incorporated in its design and construction to prevent radon gas infiltration.

¹ <https://maps.conservation.ca.gov/cgs/radon/>

² <https://www.cdph.ca.gov/Programs/CEH/DRSEM/CDPH%20Document%20Library/EMB/Radon/Radon%20Test%20Results.pdf>

³ https://www.conservation.ca.gov/cgs/Documents/PV_Final_Report_05292012.pdf

⁴ https://www.conservation.ca.gov/cgs/Documents/SR_182-Text.pdf

⁵ Available for download at https://my.lausd.net/webcenter/portal/LAUSD/pages_type/referenceguides

Should you have any questions or concerns regarding this matter, please contact OEHS Site Assessment Project Manager Lawrence Browne at (714) 552-0888 or at lawrence.browne@lausd.net.

COPIES: David Bell/OEHS
Project File

APPENDIX F

CDE Screening Checklist

Preliminary Environmental Screening of Proposed Project at Existing School Site

Project: Washington Irving Magnet Middle School

Selection Criteria	Yes	No	Comments
High Voltage Power Transmission Lines [CCR, Title 5, 14010(c)]			
Will the project create or exacerbate any health risks from 50-133 kV power lines within 100 feet of the site?		X	No nearby high voltage power lines identified.
Will the project create or exacerbate any health risks from 220-230 kV power lines within 150 feet of the site?		X	No nearby high voltage power lines identified.
Will the project create or exacerbate any health risks from 500-550 kV power lines within 350 feet of the site?		X	No nearby high voltage power lines identified.
Railroads [CCR, Title 5, 14010(d)]			
Will the project create or exacerbate any safety risks from railroads within 1,500 feet of the site?		X	There are no railroads within 1,500 of the site. Nearest railroad is located approximately 1,800-feet south from the site.
Traffic Noise [CCR, Title 5, 14010(e)]			
Will the project create or exacerbate any noise impacts from adjacent roads or freeways that will adversely affect the educational program?		X	In the opinion of Eco this project is unlikely to exacerbate any noise impacts. However, the full extent of the modernization program is unknown.
Faults [CCR, Title 5, 14010(f)]			
Will the project create or exacerbate and safety risks from active fault traces which may be onsite?		X	According to the California Department of Conservation Fault Activity Map of California, the Site lies on or very near the Raymond Fault.
Flood or Inundation Area [CCR, Title 5, 14010(g)]			
Will the project create or exacerbate safety risks from flooding or dam inundation?		X	The Site is not located in a flood hazard zone or in proximity to a dam.
Pipelines and Above Ground Tanks [CCR, Title 5, 14010(h)]			
Will the project create or exacerbate safety risks from nearby above ground water or fuel storage tanks?		X	No nearby aboveground water or fuel storage tanks were observed.
Will the project create or exacerbate safety risks from high-pressure hazardous material pipelines located within 1,500 feet of the site?		X	No high-pressure hazardous material pipelines should be located within 1,500 feet of an existing school. None were identified by Eco.
Liquefaction and Landslides [CCR, Title 5, 14010(i)]			
Will the project create or exacerbate safety risks from liquefaction or landslides?		X	The site is located 0.25-mile from a liquefaction zone, but not in a landslide zone. In the opinion of Eco the project should not exacerbate these safety risks.
Traffic and Pedestrian Safety [CCR, Title 5, 14010(l)]			
Will the project create or exacerbate traffic/pedestrian safety risks from an adjacent major arterial street?		X	There is no major adjacent arterial streets.

Preliminary Environmental Screening of Proposed Project at Existing School Site

Project: Washington Irving Magnet Middle School

Selection Criteria	Yes	No	Comments
Compatible Zoning [CCR, Title 5, 14010(m)]			
Will the project create or exacerbate health or safety risks from the zoning surrounding the site?		X	In the opinion of Eco the project should not affect health or safety risks regarding the zoning surrounding the site.
Light, Wind, Air Pollution [CCR, Title 5, 14010(q)]			
Will the project create or exacerbate impacts from light, wind, or air pollution?		X	In the opinion of Eco the project should not affect impacts from light or wind. Impacts to air pollution are unknown.
Easements [CCR, Title 5, 14010(r)]			
Will the project create or exacerbate impacts from easements on or adjacent to the site which may restrict access or building placement?		X	Onsite easements were not identified.
Border Zone Property [CCR, Title 5, 14010(t)]			
Will the project create or exacerbate health and safety risks from a significant disposal of hazardous waste within 2,000 ft. of the site?		X	According to the EDR report no significant disposal of hazardous waste occurs within 2,000 feet of the site.
Cellular Phone Towers [LAUSD Board Resolution]			
Will the project create or exacerbate health risks from a cellular phone tower on or adjacent to the site?		X	No cell phone towers were observed on or adjacent to the site.
Methane Zone			
Will the project create or exacerbate health and safety risks from a known methane zone or oil field?		X	The site is not within a methane zone or oil field.
Oil Wells			
Will the project create or exacerbate health and safety risks from an onsite oil well?		X	There are no nearby or onsite oil wells.
Air Pollution [LAUSD Board Resolution]			
Will the project create or exacerbate health risks from a major transportation corridor (freeway, major rail line) within 500 feet?		X	Unknown. The site is located adjacent, at the southwest corner, to the Glendale Freeway.
Will the project create or exacerbate health risks from a major stationary source of emissions within 500 feet?		X	There are no major stationary sources of emissions within 500 feet of the site.

Preliminary Environmental Screening of Proposed Project at Existing School Site

Project: Washington Irving Magnet Middle School .

Selection Criteria	Yes	No	Comments
Is the school on the Priority List of Schools Most at Risk from Air Pollution?		X	Unknown.
Will the project create or exacerbate health risks from a high-risk facility previously identified by OEHS?		X	It is unknown if a high-risk facility was previously identified by OEHS. None were identified by Eco.
Airports			
[CCR, Title 5, 14010(t)]			
Will the project create or exacerbate health and safety risks from an airport within two nautical miles of the site?		X	There are no airports within two nautical miles of the site.

Environmental Excellence



Eco & Associates, Inc.

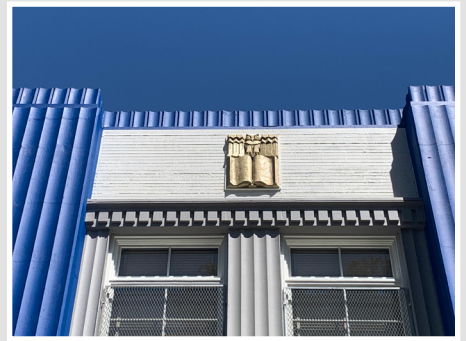
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Draft Historic Resource Evaluation Report

IRVING MIDDLE SCHOOL

Prepared for
Chris Taylor
Los Angeles Unified School District
Office of Environmental Health &
Safety

Prepared by
ASM Affiliates, Inc.
August 2022



20 N. Raymond Ave. Suite 220
Pasadena, CA 91103
(626) 793-7395

Final Historic Resource Evaluation Report for Irving Middle School, Los Angeles, California

Prepared for:

Chris Taylor
Historic Preservation Specialist and Coordinator
LAUSD | Office of Environmental Health & Safety
333 S. Beaudry Avenue, 21st Floor
Los Angeles, California 90017

Prepared by:

Marilyn Novell, M.S.
Shannon Davis, M.A., RPH

ASM Affiliates, Inc.
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August 2022
PN 28120.04

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EXECUTIVE SUMMARY

This Historic Resource Evaluation Report (HRER) summarizes a historical resources study for Washington Irving Middle School (Irving MS), located at 3010 Estara Avenue in Los Angeles, California (APN 5458-019-900). Los Angeles Unified School District (LAUSD) requested this evaluation to help identify and document historical resources on the campus, which is slated for upcoming projects. The buildings evaluated are the Auditorium, Administration, Physical Education building, Cafeteria, and two Shops. This documentation ensures consideration of any buildings more than 45 years of age within the campus and was guided by the *LAUSD Historic Context Statement, 1870 to 1969* (Sapphos 2014). This assessment was prepared by ASM Affiliates (ASM) to determine the historical resource/historic property status of the original buildings of the Irving MS, both individually and as potential contributors to a historic district, and to facilitate LAUSD compliance with the California Environmental Quality Act (CEQA) and National Historic Preservation Act (NHPA).

Brief Overview of Campus

The core of the Irving MS campus comprises four major original buildings located on the east side of the property. The Public Works Administration (PWA) Moderne campus core was constructed from 1936 through 1939. Two additional 1937 utilitarian shop buildings (Shop No. 1 and Shop No. 2), two playing fields, basketball courts, various classroom buildings, and surface parking lots occupy the remainder of the campus. The original campus buildings are a main administration/classroom (Administration) building, an auditorium/assembly hall (Auditorium), and a gymnasium (Physical Education) building. These three buildings are two stories in height. A fourth building, the Cafeteria, is located northwest of the Administration building. It was added a year later and follows the design motifs of the original buildings, with subtle variations. Two small shop buildings were designed and built concurrent with the cafeteria. The four major original buildings form a cohesive group of clearly related buildings with differentiated functions. Taken as a whole, the buildings comprised all of the components of a functioning middle school. Shop No. 1 and Shop No. 2 are ancillary utilitarian buildings that were constructed at the same time. Other buildings on the campus are much simpler in design and architectural expression and appear to date from later periods.

Summary of Findings

ASM carefully considered the eligibility of the Irving MS campus and its individual components as potentially significant under National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) Criteria A/1, B/2, C/3, and D/4; City of Los Angeles Historic Cultural Monument (HCM) Criteria a–d; and as CEQA-defined historical resources and NHPA-defined historic properties. The evaluation was conducted in conformance with NRHP Bulletin *How to Apply the National Register Criteria for Evaluation* (National Park Service Bulletin No. 15 1997), the California Office of Historic Preservation's *Instructions for Recording Historical Resources* (1995), and Technical Assistance Series #7 *How to Nominate a Resource to the California Register of Historical Resources* (2001).

ASM referred to the *LAUSD Historic Context Statement, 1870 to 1969* (Sapphos 2014) for guidance in the full evaluation of the six buildings as potentially individually eligible and the campus as a historic district within the context of LAUSD's nearly 800 campuses. To summarize the findings of this HRER, ASM prepared California Department of Parks and Recreation (DPR) forms, including A and BSO forms and a District form (Appendix A).

As a result of the research conducted for this report, ASM recommends that Irving MS is an outstanding representation of the applicable contexts and themes established in the *LAUSD Historic Context Statement*. A portion of the campus appears to be eligible as a historic district, with none of the contributors recommended as individually eligible, under NRHP and CRHR Criteria A/1 and C/3, and as a City of Los

Angeles HCM Criteria a–d. The campus therefore qualifies as a historical resource pursuant to CEQA and as a historic property pursuant to the NHPA.

Key Staff

This HRER was prepared by ASM staff who meet the qualifications of the Secretary of the Interior’s (SOI’s) *Professional Qualification Standards* for Architectural History and History.

Marilyn Novell, M.S., was the lead author of this HRER. Novell has performed extensive historical services throughout California and has been with ASM since 2015. She meets the SOI’s *Professional Qualification Standards* as Architectural Historian and Historian. Prior to her work with ASM, Ms. Novell served as assistant project manager for the *LAUSD Historic Context and Comprehensive Survey*, which received preservation awards from the California Preservation Foundation and the L.A. Conservancy. She conducted background research, wrote summary reports, and surveyed 56 post-war LAUSD campuses. In addition to that wealth of experience working in educational settings, Ms. Novell has continued to work at LAUSD campuses while at ASM, for example evaluating Collins Street and Foshay schools, and conducting project-level reviews for proposed renovations to six LAUSD campuses in compliance with the Americans with Disabilities Act (ADA) to comport with the *Los Angeles Unified School District Design Guidelines*.

Shannon Davis, M.A., RPH, has more than 23 years of experience in the field of historic preservation, 10 of which have been spent in a senior role managing ASM’s historic preservation task orders, including multiple historic preservation on-call contracts. Ms. Davis has been working in educational settings, specifically at LAUSD schools, since 2011 when she prepared a HABS documentation package for Cienega Elementary School in the Culver City neighborhood. Since that time, Ms. Davis has completed multiple reports for schools, evaluating buildings on elementary, middle school, high school, and college campuses. Many of these projects were prepared for LAUSD schools through on-call contracts with LAUSD as both a prime and sub consultant.

1. INTRODUCTION

For this HRER, ASM conducted archival research regarding the Irving MS campus, including databases of historic newspapers, Los Angeles County Assessor's maps, Los Angeles Zoning Information and Map Access System (ZIMAS), Sanborn Fire Insurance maps, the Los Angeles Public Library, and historic aerial photographs. As-built architectural drawings and construction documents provided by the LAUSD Office of Environmental Health & Safety were reviewed prior to visiting the campus and were consulted in the process of this evaluation. A number of academic and professional sources were consulted (e.g., Pacific Coast Architecture Database and American Institute of Architects Historical Directory) for information about the architects and to determine their relevance and potential influence in the field of architecture. ASM was unable to access the LAUSD collection at the University of California, Los Angeles because it is currently closed to accommodate construction and maintenance.

This report is organized into the following sections: Executive Summary, Introduction, Campus Description and History, Neighborhood Context, Architects, Architectural Descriptions, Significance Evaluation, and Conclusion. California Department of Parks and Recreation (DPR) Series 523 forms as Appendix A, City of Los Angeles building permits as Appendix B, and architectural drawings as Appendix C.

Location

Located in the western portion of the Northeast Los Angeles Community Plan Area (CPA), Glassell Park is situated east of the Los Angeles River and west of Eagle Rock and Mount Washington. The area is traversed by San Fernando and Verdugo roads, which run north-south; and Eagle Rock Boulevard, Fletcher Drive, York Boulevard, and the Glendale Freeway (SR-2), which run generally east-west.

The Irving MS campus is located in the Glassell Park neighborhood, directly north of the Glendale Freeway (California State Route [SR-] 2), within the CPA. The commercial/light industrial corridor of North San Fernando Road is to the west, and the less intensively developed commercial/light industrial corridor of Fletcher Drive is to the northwest. Fletcher Drive Elementary School is directly across Estara Avenue from Irving MS to the northeast. Otherwise, the surrounding properties are residential, many constructed in the 1920s with newer infill, including large multi-family developments. The campus is bounded by Estara Avenue on the northeast, Marguerite Street on the southeast, West Avenue 32 on the southwest, and Fletcher Drive on the northwest (Figures 1-3).

Current Historic Resource Status

Irving MS was given a status code of 3S (recommended eligible for listing in the NRHP through survey evaluation) (Heumann 2002). ASM also reviewed the findings of historic resource surveys conducted through SurveyLA, a citywide, multi-year initiative of the City of Los Angeles Office of Historic Resources. The survey report for the Northeast Los Angeles CPA identified the school as a potentially eligible historic district with status codes of 3S, 3CS, and 5S3 (appears eligible for the NRHP, the CRHR, and locally through survey evaluation). Under Criteria A/1, the campus was described as “an excellent intact example of a post-Long Beach Earthquake middle school campus” that “embodies LAUSD school planning and design concepts of the period.” Under Criteria C/3, Irving MS was described as an excellent intact example of PWA Moderne architecture applied to a middle school campus, and an important example of the work of Los Angeles architect Edwin L. Bergstrom (HRG 2017).

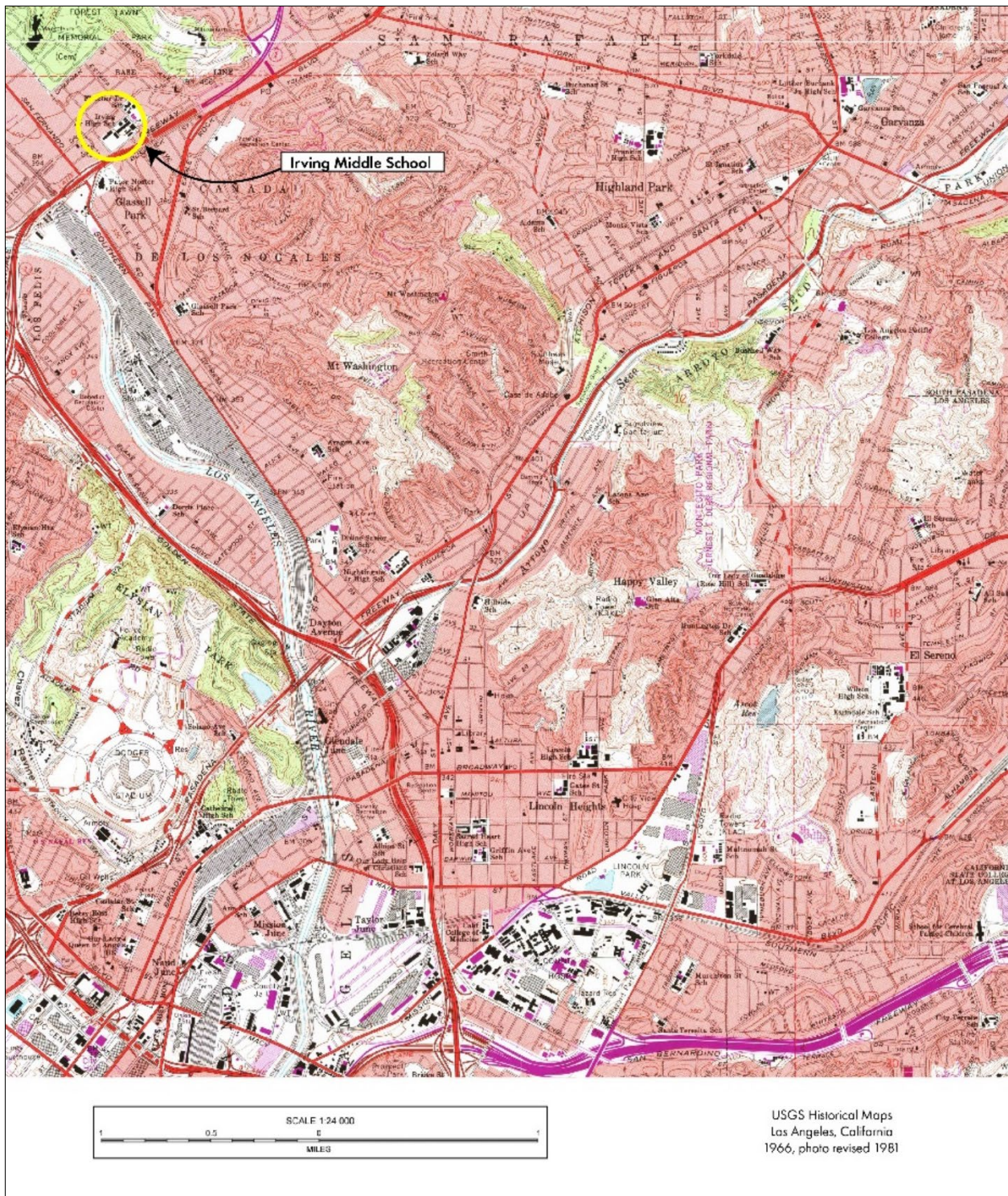


Figure 2. Project location map.



Figure 3. Irving Middle School campus map.

2. CAMPUS DESCRIPTION AND HISTORY

Site History and Construction Chronology

In 1889, Andrew Glassell built a Victorian home referred to as the “Ranch House” on an elevated site where Irving MS now stands (Figure 4). The Glassells owned acres of land surrounding the house and planted them with citrus orchards and a walnut grove at San Fernando Road near Fletcher Avenue (HRG 2012:14). A 1930 Sanborn Fire Insurance map (Vol. 40, Sheet 4013) shows Moss Avenue passing through between Marguerite Street and Fletcher Drive. A large dwelling is shown on the parcel, with a curved extension at the center of the northwest façade, and a wraparound porch on the southeast and southwest façades. Also on the parcel are a smaller dwelling, an automobile garage with a wing, and a third small building/structure. The area between the house’s parcel and Estara Avenue is filled with seven additional parcels (Figure 5 and 6). Sometime after 1930 and before 1951, a Sanborn map shows the original campus buildings on a larger parcel that subsumes all of the smaller parcels to the northeast along Estara Avenue, as well as those along W. Avenue 32 to the southwest. Moss Avenue has been vacated southwest of Roswell and incorporated into the campus. Extant buildings are the Administration building, the Auditorium, the Physical Education building (and Lunch Shed), the Cafeteria (labeled Restaurant), and two Shops. Buildings shown on the map that are no longer extant are three classroom buildings, a Tool House, and a Storage building.

The land that Irving MS occupies was subdivided in 1940 as Lot 1 of Tract No. 11428, which post-dates the establishment of the school. In historic aerial photographs, the campus is shown within Lot 1 of the tract. Whereas Roswell (alternatively Roswell) Street and Moss Avenue now terminate within the campus, the streets continued through the parcel until 1940, when the tract was subdivided (City of Los Angeles Ordinance No. 82252 and No. 77073, respectively; Figure 7). Changes in ownership of parcels that are currently part of the campus indicate how the school subsumed nearby properties over time.

In 1936, the City purchased the Glassell house through eminent domain to establish Irving MS (HRG 2012:36). In August 1936, on the recommendation of District manager and architect Alfred S. Nibecker, Jr., the Board approved several school projects, including funding for an Administration building, “assembly hall” (Auditorium), gymnasium (Physical Education building), cafeteria, and shops at the Verdugo Road District Junior High School. A contract of \$393,281 was awarded to Myers Brothers for the construction of the buildings, with Edwin L. Bergstrom as architect and Laurence J. Waller as structural engineer (*Los Angeles Times* 1936a). In November of that year, the *Los Angeles Times* noted the awarding of construction contracts totaling \$1,034,301 for four buildings at the school, omitting the assembly hall originally planned (*Los Angeles Times* 1936b). This news report and a notation on a Sanborn map stating the building was constructed in 1939 confirm that the Auditorium was added to the campus a few years later than the original buildings designed by Bergstrom. The following year, the addition of new buildings, including two temporary shop buildings, was scheduled at a cost of \$44,000, with Nibecker as architect (*Los Angeles Times* 1937).

A building permit for construction of the Administration building was issued by the Los Angeles Department of Building and Safety (LADBS) on October 23, 1936 (Permit No. 29559). The property was described as the Verdugo Road District Junior High School, referring to the name originally planned for the school. The architect was shown as Bergstrom, corresponding to information on the original architectural plans for the building on file at the LAUSD Vault. The two-story building was described as 64 by 391 feet in size, with 54 rooms (Appendix C: Vault drawing 8189.03, Cafeteria & Two-Unit Shop Buildings No. 1 and No. 2, A. S. Nibecker, Jr., architect, April 1937, Sheet No. 2). On the same date, a permit was issued for a Physical Education building, with Bergstrom as the architect and Laurence J. Waller as engineer. The two-story building was described as 53 by 151 feet in size (Permit No. 29558, October 23, 1936).



Figure 4. Residence of Andrew Glassell, undated.
Source: Los Angeles Public Library, Security Pacific National Bank Collection.

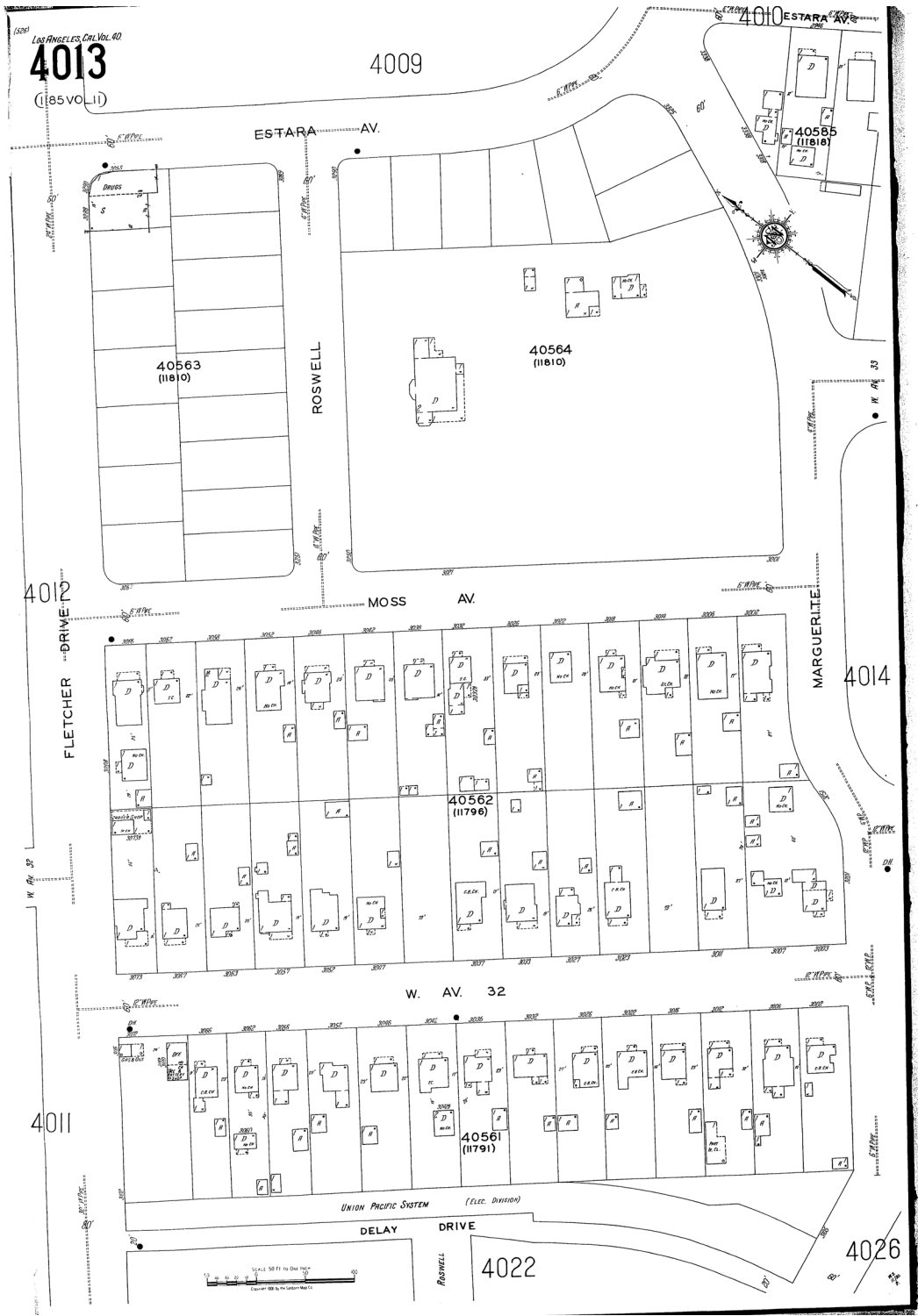


Figure 5. Sanborn Fire Insurance Map, 1930, Vol. 40, Sheet 4013.

2. Campus Description and History

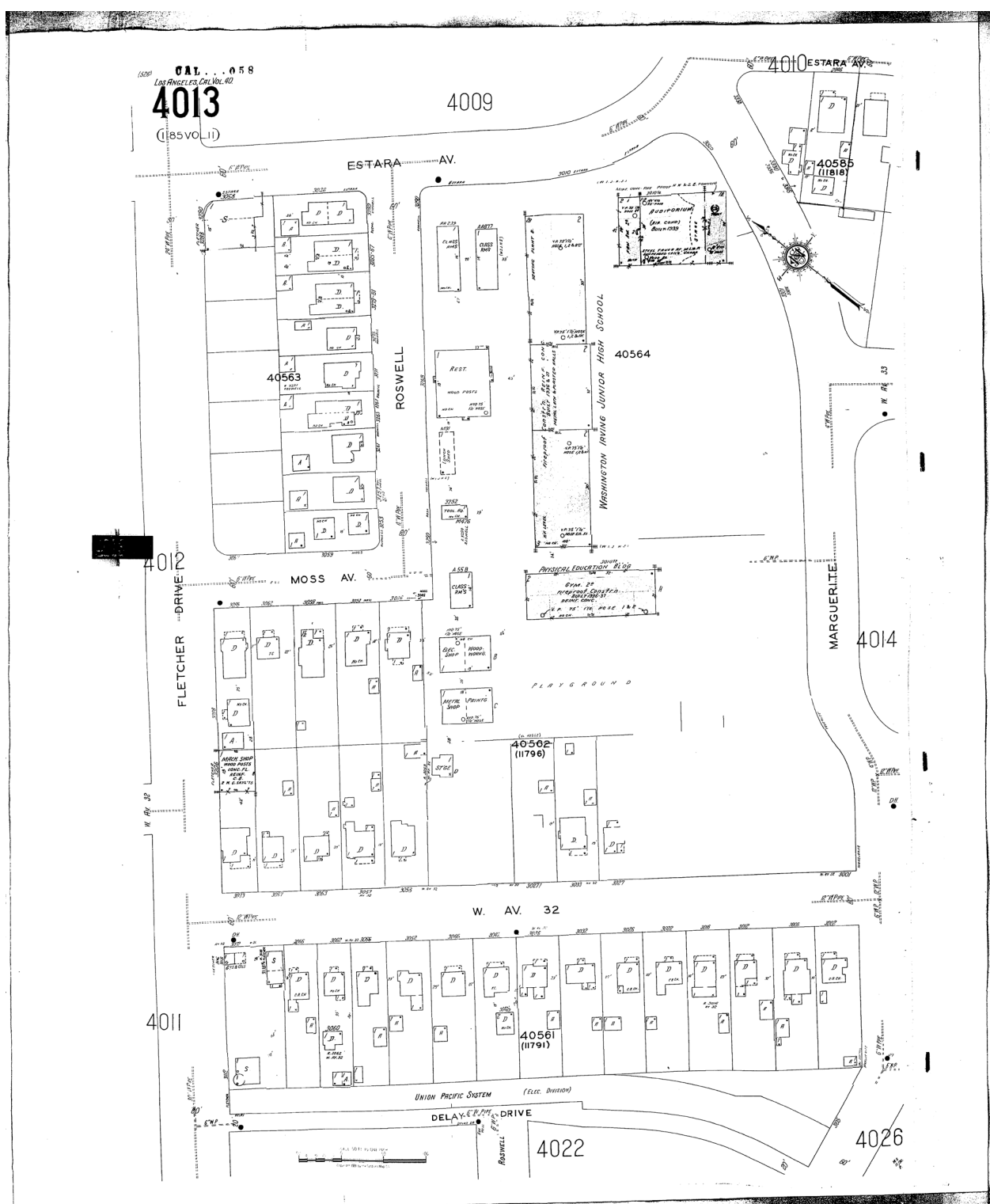


Figure 6. Sanborn Fire Insurance Map, 1951, Vol. 40, Sheet 4013.

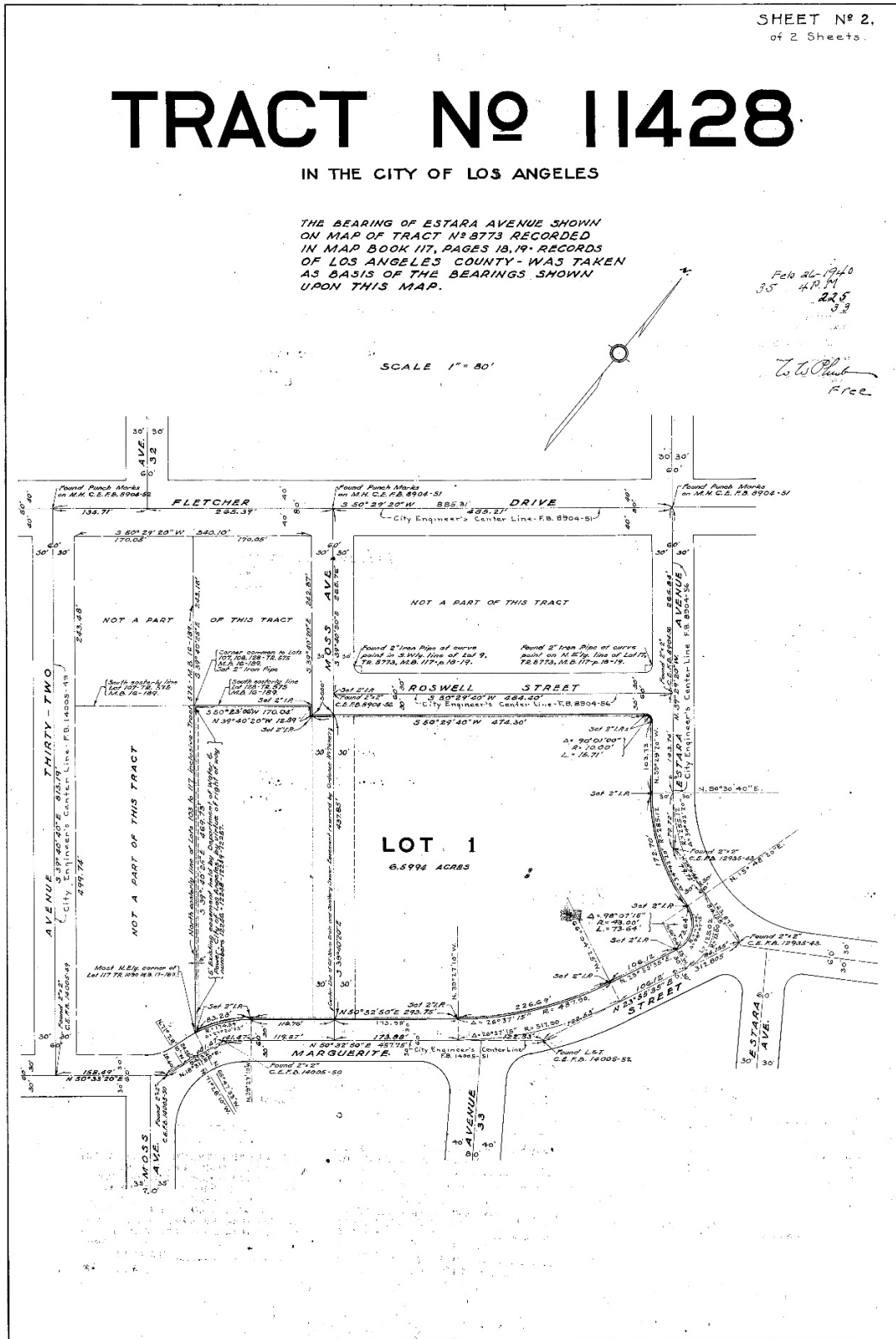


Figure 7. Tract map for Irving MS parcel, February 26, 1940.
Source: City of Los Angeles.

2. Campus Description and History

A permit for the Cafeteria was issued in 1937 (Permit No. 16027, May 13, 1937). The building is shown in architectural drawings as containing a Students' Dining Room, Faculty Dining Room (north corner), Serving Room, Kitchen, and Dishwashing Room (Appendix C: Vault, drawing 8189.03, Cafeteria & Two-Unit Shop Buildings No. 1 and No. 2, A. S. Nibecker, Jr., architect, April 1937, Sheet No. 2). Building permits for the Cafeteria and a temporary 40-by-60-foot single-story Temporary Shop Building (Shop No. 2) show Nibecker as the architect with J. E. Byers as engineer (Permit No. 16025, May 13, 1937).

Two rectangular shop buildings were constructed southwest of the Cafeteria. The two shops are shown in architectural drawings as identical on the exterior, with the exception of an additional small window centered between the two doors at each of the northwest and southeast façades of Shop No. 2. The interior of Shop No. 1 originally was intended to house a print shop and a metal shop, side by side, each with separate entrances. The interior of Shop No. 2 was designed for side-by-side electric and wood shops, with the wood shop occupying slightly more space. A third shop building was designed by Bergstrom, along with the other original buildings on campus. The design showed a larger shop with exterior design elements echoing the other buildings and with metal, electric, and woodworking shops under the same roof. It appears this building was not constructed but was replaced by the two extant shops (Shop No. 1 and Shop No. 2), which were designed a year later (Vault drawing 8189.03, Cafeteria & Two-Unit Shop Buildings No. 1 and No. 2, A. S. Nibecker, Jr., architect, April 1937, Sheet No. 1).

Although the Auditorium was designed by Bergstrom, along with the Administration and the Physical Education buildings in 1936, it appears to have been constructed later, in 1939. A story in the *Eagle Rock Advertiser* announced dedication ceremonies on June 12, 1942, noting that the Auditorium was completed in 1939; it was named in honor of the retiring principal, Mrs. Helen Watson Pierce (*Eagle Rock Advertiser* 1942). The 1939 construction date is confirmed by a building permit for new construction issued for the building in November 1938 (Permit No. 40026, November 28, 1938). Furthermore, a PWA plaque near the entrance to the Auditorium is dated 1939 (see Figure 30). Another plaque notes the dedication took place for the Helen Watson Pierce Auditorium on June 12, 1942 (see Figure 31).

Originally called the Verdugo Road District Junior High School, the name was changed to Washington Irving Junior High School when it opened in 1937. Six buildings comprised the original campus group: Administration, Auditorium, Physical Education, Cafeteria, and two Shops. The first three were designed by Edwin L. Bergstrom in 1936 (Appendix C: Vault drawings 8189.04, August 1936). The Cafeteria, in addition to two Shops, were designed a year later by Board of Education architectural manager Alfred S. Nibecker, Jr. (Appendix C; Vault drawing 8189.03, Cafeteria & Two-Unit Shop Buildings No. 1 and No. 2, April 1937, Sheet no. 2). The Auditorium, designed by Bergstrom in 1936, appears to have been constructed in 1939. With the exception of the Shops, the buildings exhibit character-defining features associated with PWA Moderne architecture, with elements of Streamline Moderne style.

The area near Fletcher Drive and Estara Avenue was occupied by single-family residential properties until sometime between 1980 and 1994. Residential properties were cleared on Roswell Street between 1980 and 1994 (historicaerials.com 1948, 1952, 1964, 1972, 1977, 1980, 1994). The parcel at the corner of Fletcher Drive and Estara Avenue, now a part of the campus, changed ownership in 1991. Its previous use was as a one-story store constructed in 1929 by owner W. M. Glassell, with Arthur C. Munson as architect (William Glassell was the brother of founder of Glassell Park, Andrew Glassell; Munson was responsible for several houses in southern California, as well as the Long Beach Theatre in 1920 [PCAD 2021a]). The building filled the 62.5-by-60-foot parcel (Permit No. 4852, February 25, 1929). A permit for construction of an awning at the address listed the owner as Safeway Stores, Inc. (Permit No. 12714, May 10, 1929), suggesting the store was a franchise of the Safeway chain of groceries. Other parcels along Fletcher Drive that are now part of the campus were previously multi- and single-family residential, with the last ownership changes in 1987 or 1988 (Los Angeles County Office of the Assessor). Properties south of Moss Avenue, which currently terminates within the campus, included a lumberyard and parking lot, with last ownership changes in 1967 (Assessor).

3. NEIGHBORHOOD CONTEXT

Brief History of Glassell Park

In 1784, three years after the nearby El Pueblo de Los Angeles was founded, Spanish Governor Pedro Fages granted all the lands between the Los Angeles River and the Arroyo Seco to Jose Maria Verdugo.¹ Rancho San Rafael, as it was known, covered approximately 36,000 acres. In 1848, the validity of the Verdugo claim to Rancho San Rafael was upheld by United States courts. By 1869, however, the Verdugo family was in debt and Rancho San Rafael was in foreclosure. Attorney Alfred Beck Chapman and his partner, Andrew Glassell, purchased the property. They subdivided the land into 31 parcels, leaving the Verdugos 3,500 of the original 36,000 acres. Although land within the CPA was primarily used for agricultural purposes throughout the middle decades of the nineteenth century, it was early subdivision efforts of rancho and pueblo land that sparked the process of differentiation and development that ultimately produced the distinct communities of northeast Los Angeles. Present-day communities that were initially subdivided from land within the boundary of the Rancho San Rafael include Atwater Village, Garvanza, Glassell Park, Highland Park, Mount Washington, and Eagle Rock.

Both Chapman and Glassell were partners in a law firm with Colonel George H. Smith, where their practice was largely confined to real estate transactions and lawsuits regarding partitions of land. Chapman and Glassell often took their compensation in land, which afforded them a substantial amount of acreage to develop or resell as they saw fit. (Glassell and his brother, William, founded the City of Orange in this manner.) As a result, Glassell and Chapman were well-positioned to develop the Glassell Park area for further subdivision. Following Glassell's death in 1901, his heirs began selling off portions of the family's rancho lands to the Gilchrist Investment Company. This company first began to develop Glassell Park around 1909, when the *Los Angeles Times* announced the company's construction of 11 five- and six-room "attractive modern" bungalows, "each one a model of individuality and design." The report continued, "Glassell Park is one of the beautiful tracts in this vicinity. Each bungalow being built commands a super view, revealing a vista of verdant valley and rolling hills back of which towers the majestic range of the Sierra Madres with their caps of snow" (*Los Angeles Times* 1909).

Meanwhile, development was already under way by 1906, when the Torthorwald Tract was announced as the "finest subdivision ever placed before the homeseeker in the vicinity of Los Angeles" (*Los Angeles Herald* 1906). A display ad described Glassell Park as "more beautiful than Hollywood." The developers offered excursions to view the parcels on their own special cars from the Salt Lake railway depot [near East First Street east of the Los Angeles River] (*Los Angeles Herald* 1906) (Figure 8). Another ad for the tract described it as "situated 4.5 miles from the courthouse, on a beautiful plateau amidst the foothills at the junction of the San Fernando & Verdugo roads." A selling point was the new Los Angeles Railway car line to Eagle Rock running through the tract (*Los Angeles Times* 1906).

In January 1912, the Gilchrist Investment Company sold Glassell Park to National Home and Town Builders. Announcement of the sale noted Glassell Park's attractive amenities—such as its proximity to the new site of Occidental College and "a magnificent view of Mts. Lowe and Wilson and the surrounding country"—and noted that street work in the tract had been completed with sidewalks, curbing, and water lines already installed (*Los Angeles Times* 1912). In February 1912, the majority of Glassell Park was annexed to the City of Los Angeles as part of the Arroyo Seco Addition; the remainder was later annexed in 1916. Development continued through the 1920s and into the 1930s as the Glassell family continued to subdivide their land; residential development in particular was spurred by the 1923 opening of the nearby

¹ Discussion of the early history of the CPA has been excerpted and adapted from *Historic Context Statement: The Northeast Los Angeles Subregional Planning Area of the City of Los Angeles*, prepared by Historic Resources Group, revised July 9, 1990 (unless otherwise cited); in HRG 2017:16-17.

3. Neighborhood Context

Southern Pacific maintenance facility, Taylor Yard. The Glassells' most notable real estate transaction took place during the Great Depression, when the family sold a large plot of land which would eventually be developed as Forest Lawn Cemetery.

More Beautiful Than Hollywood

Glassell Park

Ideal Situation
Located on the new extension of the Los Angeles railway within 20 minutes' ride of the center of the city, with transfers to all points. The most charming home situation around Los Angeles.

Go with us Sunday and see for yourself the finest subdivision ever placed before the homeseeker in the vicinity of Los Angeles. Large, high, level lots in the

Torthorwald Tract

Cement curbs and sidewalks. Purest artesian water piped to every lot. Occupying a beautiful plateau on the heights near Tropic.

\$325 to \$650 **Terms Very Liberal**

Free Tickets
This coupon is exchangeable at either of the offices mentioned below for a seat check in our special cars leaving the Salt Lake railroad depot Sunday at 2 p. m.

Free Excursion Sunday

Spend a Half-Day With Us on the Heights Near Tropic

2 P. M. Salt Lake Depot

WE WILL RUN OUR OWN SPECIAL CARS FROM THE SALT LAKE DEPOT AT 2 P. M.

CUT OUT COUPON ABOVE AND EXCHANGE IT FOR SEAT CHECK, ASSURING YOU A COMFORTABLE SEAT.

Exchange Coupons for Seat Checks at Either of These Offices, or Secure Lots at Either Office if You Wish to Get in Before the Rush

Gronen, Noethen & Co. 400 Severance Building Northwest corner of Sixth and Main streets, diagonally across from Huntington Depot. HOME PHONE 1497.	Golden State Realty Co. Founders and Builders of Southern California Towns. 421 South Spring Street BOTH PHONES EX. 50.
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Figure 8. Ad promoting the new Glassell Park subdivision of Torthorwald Tract.
Source: *Los Angeles Herald*, February 23, 1906.

Glassell Park's built environment largely reflects its development in the early twentieth century, with examples of later infill and new construction throughout the neighborhood. The neighborhood is developed primarily with single-family residences, predominantly in the Craftsman architectural style, along with a lesser number of multi-family residences from the same period (Figure 9). Commercial development is concentrated along the area's major automobile corridors, including San Fernando Road, Verdugo Road, Eagle Rock Boulevard, Fletcher Drive, and York Boulevard.

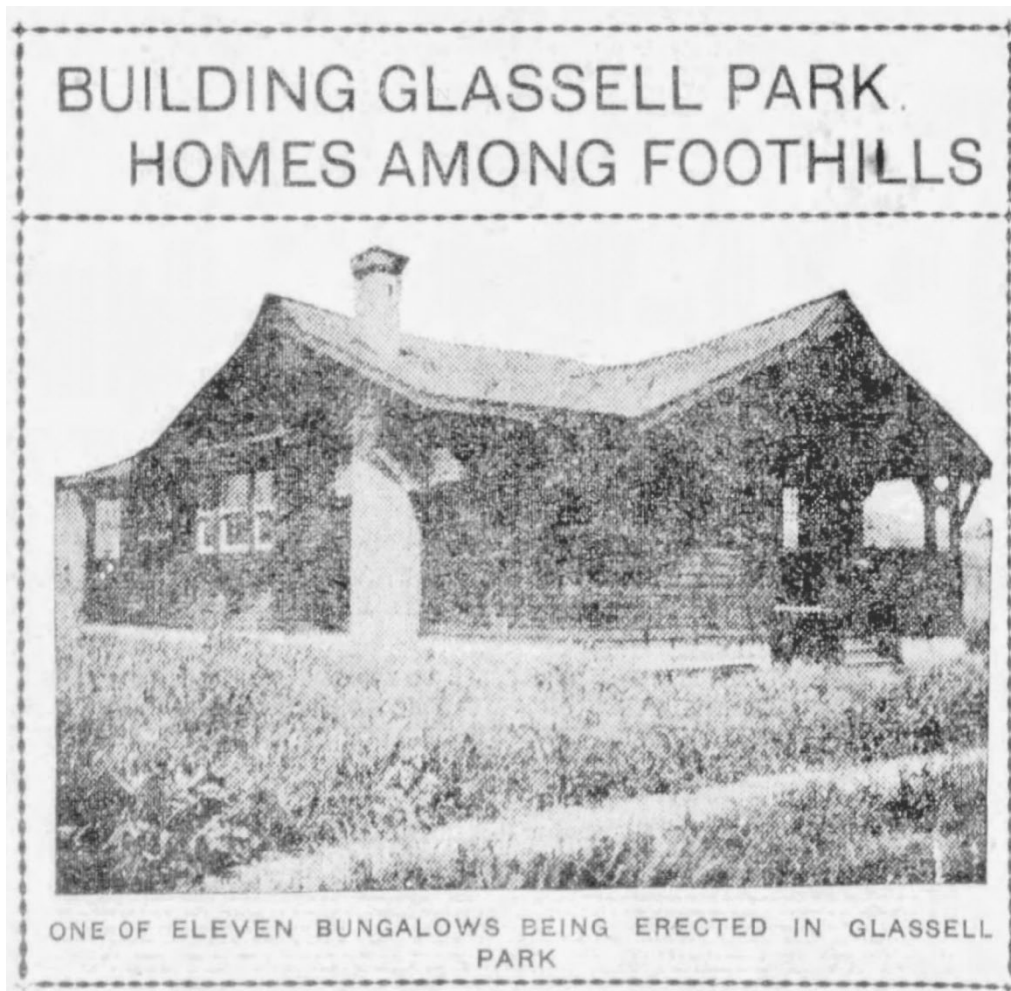


Figure 9. Typical Craftsman bungalow constructed during residential development in Glassell Park.

*This is one of 11 constructed by the Gilchrist Investment Company.
Source: Los Angeles Express, April 24, 1909.*

The 1933 Long Beach Earthquake and the Public Works Administration

After the devastating 1933 Long Beach Earthquake, both the State and the City of Los Angeles developed structural guidelines that mandated safety requirements for new schools. The Field Act (Field Bill) of 1933 directed the State Division of Architecture to develop regulations to ensure earthquake-resistant schools. The City also revised its City Building Ordinance and adopted additional requirements for school construction. The required construction improvements were implemented in schools such as Irving MS constructed after 1927. Requirements included fire resistant corridors, stairs, and exterior walls; and reinforced concrete in floors and roofs (Heumann 2002:9-10). The District planned for phased reconstruction of schools after the earthquake. Available at the time were a total of \$5.3 million in unsold bonds. The PWA purchased the bonds and granted additional matching funds for school reconstruction efforts. A total of \$12.1 million was ultimately raised for the 1933 to 1935 reconstruction program. The district-wide school reconstruction program included reinforcing or replacing 132 unreinforced masonry buildings, strengthening 275 buildings constructed since 1927, replacing 51 wood-frame buildings, and elimi-

3. Neighborhood Context

nating all temporary classroom housing. By 1937, more than \$34 million had been spent on post-Earthquake school construction, repairs, retrofitting, and rehabilitation (Sapphos 2014:64).

Created by the National Industrial Recovery Act, the PWA was founded within a few months of the March 1933 Long Beach Earthquake. In response to widespread damage to Los Angeles public schools caused by the earthquake, the PWA funded school reconstruction work. Consequently, a substantial number of Los Angeles public schools either built or remodeled during this time exhibit some degree of PWA Moderne styling. Also referred to as “Stripped Classicism,” the PWA Moderne often incorporates elements of a number of styles. Compared with Streamline Moderne, PWA Moderne was more formal and symmetrical in its overall design, with less emphasis on curvilinear shapes and horizontality (Sapphos 2014:124).

As reconstruction began, the District intended to build new seismically sound buildings but also to include regionally influenced styles. As the *Los Angeles Times* reported in 1934, new and repaired buildings would be designed for “absolute safety with simplicity and beauty of architecture in harmony with the atmosphere and traditions of Southern California.” Many designs were executed by the district’s architectural department, under the direction of Nibecker, but outside architects were also invited to bid, with the intention of awarding the work to a wide field of architects. In addition, new buildings were to be explicitly southern Californian in design but “free of needless ornamentation” (*Los Angeles Times* 1934). This represented a move away from 1920s period-revival styles but also a nod to earthquake safety, because applied ornamentation often fell off during earthquakes (Sapphos 2014:64-65).

4. ARCHITECTS

Edwin L. Bergstrom. The architect responsible for the three earliest major buildings on the Irving MS campus was Edwin L. Bergstrom, who partnered with John Parkinson to “help define the look of pre-World War II Los Angeles” (Los Angeles Conservancy 2021). Among Bergstrom’s numerous noteworthy projects are the City of Pasadena Civic Auditorium (1925-1932), Los Angeles County General Hospital (1933, as a member of the firm of Allied Architects Association), the Rosslyn Hotel (1914), and the U.S. Government Department of Defense Pentagon (1941-1943, as Bergstrom and Witner). He did coursework at Yale University, Sheffield Scientific School, in New Haven, Connecticut, ca. 1896-1897. Bergstrom spent only one year at Yale before transferring to Massachusetts Institute of Technology (MIT), which he attended in 1897-1899, receiving a bachelor of science in Architecture (PCAD 2021b). Bergstrom is included in the *LAUSD Historic Context Statement* in a list of prominent architects who were responsible for extant buildings throughout the District (Sapphos 2014:132).

Alfred S. Nibecker, Jr. District architect and business manager Alfred S. Nibecker, Jr., signed the 1937 architectural drawings for the Cafeteria and Shops. Nibecker guided the Los Angeles school district through rapid expansion in the 1920s, disaster and depression during the 1930s, and the great postwar boom through the mid-1950s. In the 1920s, Nibecker began private practice in Los Angeles; he joined the Los Angeles City Board of Education as an architect in 1926, where he remained until his retirement in 1955. In his three-decade career with the school district, Nibecker oversaw the construction of, and contributed designs to, hundreds of school plant projects. Many commissions were completed by the district’s in-house staff, but many others were handled by a range of the region’s best architects and builders, with an increasing number of firms specializing in school design. In addition to his work with the Los Angeles City school district, Nibecker was a fellow of the American Institute of Architects and served on the National Committee on School House Construction, the National Advisory Council on School Building Problems, run under the auspices of the U.S. Department of the Interior, Office of Education. In 1955, Nibecker was made an honorary member of the Structural Engineers Association of Southern California, the association’s highest award (Sapphos 2014:42).

5. ARCHITECTURAL DESCRIPTIONS

On June 24, 2021, ASM conducted an on-site survey of the campus to document it with detailed field notes and photographs of the exteriors and interiors (where available) of the original buildings at Irving MS constructed in the 1930s (Figure 10). A playing field at the corner of Fletcher Drive and Estara Avenue, paved recreation areas, and storage containers occupy the rectangular area formed by Moss Avenue and the former Rosswell Street, both of which have been incorporated into the campus property. A second playing field is at the south end of the campus at the corner of West Avenue 32 and Marguerite Street. In addition to the original buildings are several shops and classroom buildings at the west side of campus and a complex of new classroom buildings off Marguerite Street on the southeast side of campus, south-east of the Administration building and between the Auditorium and the Physical Education building.

Although major elements of the exteriors of the buildings are vertically oriented, the composition of the façades also emphasizes horizontality, a characteristic identified in the *LAUSD Historic Context Statement* as associated with Streamline Moderne/Moderne architecture. Of the four major original buildings, three (Administration, Auditorium, and Physical Education) were designed by Bergstrom; the drawings for the Cafeteria and Shops are signed by district manager Nibecker. All of the original buildings are constructed of reinforced cast concrete. In the case of the Bergstrom-designed buildings, the exterior walls display a prominent horizontal board-form texture, and heavy fluted cast plaster pilasters flank entrances and are highlighted by a paint palette of royal blue contrasting with stark white exterior walls. All of the major buildings have flat parapets and horizontal stringcourses encircling the exteriors a few feet below the parapet and stringcourses above and below the windows, creating a horizontal look in contrast with the verticality of the pilasters.

Appendix C provides elevations and plans for the buildings. Note that directional indications on the drawings are inconsistent, likely as a result of the orientation of the buildings as 45 degrees off cardinal directions. For the purposes of this report, the more accurate orientations of northwest, southwest, etc., are used.

Administration

Exterior

The northeast façade of the Administration building is parallel to Estara Avenue. A wide walkway passes southeast of the building between the Administration building and the Auditorium, creating a formal entrance to campus through a wide metal gate. The Administration building is constructed of concrete with a flat parapet and an elongated rectangular plan. The two-story building has a partial basement at the northeast end. The configuration of the design elements is generally symmetrical. A narrow band at the top of the parapet encircles the building, broken by full-height fluted plaster pilasters framing the entrances and a two-story central section constructed of glass blocks. The pilasters rise slightly above the parapet, with a horizontal band of “cresting” at the top and dentil molding between the pilasters above the second-floor windows. Centered between these two horizontal elements is a gold-painted plaster medallion, consisting of a simple circle above the secondary entrances and a more-ornate design of an owl above an open book at the primary entrance on the southeast façade and at a secondary entrance centered on the southwest façade. Above each entrance is a flat rectangular cantilevered metal canopy with horizontal bands. Each secondary entrance has a vertically oriented window marking the location of an internal stairway. These windows are multi-light wood sash, with some inoperable fixed panes. The secondary entrances are composed of nonoriginal sets of double metal doors, most with multi-light transoms above (Figures 11–14).



Figure 10. The core of Irving Middle School campus showing buildings surveyed.



Figure 11. Southeast façade of the Administration building.
Shows horizontal stringcourses and configuration of secondary entrances, with flat canopy, vertically oriented window, and plaster medallion.



Figure 12. Secondary entrance at southeast façade, showing horizontal board-formed concrete texture on exterior walls.



Figure 13. Detail of plaster medallion in form of an open book with owl above on the southwest façade, view toward the northeast.



Figure 14. Southwest and southeast façades of the Administration building, view toward the north.

5. Architectural Descriptions

The majority of the windows are the same throughout on both levels, consisting of recessed wood two-by-two over two-by-two sash set in channels between horizontal dentil molding at the top and a simple continuous stringcourse at the bottom. The windows are evenly spaced in groups of four, separated by wide fluted sections (Figures 15 and 16).

The primary entrance is centered in a section of the southeast façade that projects away from the main wall of the building. Between the full-height pilasters are two wood sash windows at the second floor and a wide flat canopy directly above the recessed entrance. Above the canopy, the name of the school is shown in cut-out metal letters. On the projecting section, the windows at the second floor have two-light transoms above. The sides of the section have no fenestration except a concrete grille over a secondary window at the first floor resembling those flanking the entrance to the Auditorium (Figure 17).

Centered on the shorter façades of the building are two-level central sections of glass blocks, admitting light to the interior corridors. The northeast façade has no other fenestration except a small utility door and small windows below grade (Figures 18 and 19).



Figure 15. Northwest façade, view toward the south.



Figure 16. Center of the northwest façade, view toward the south.

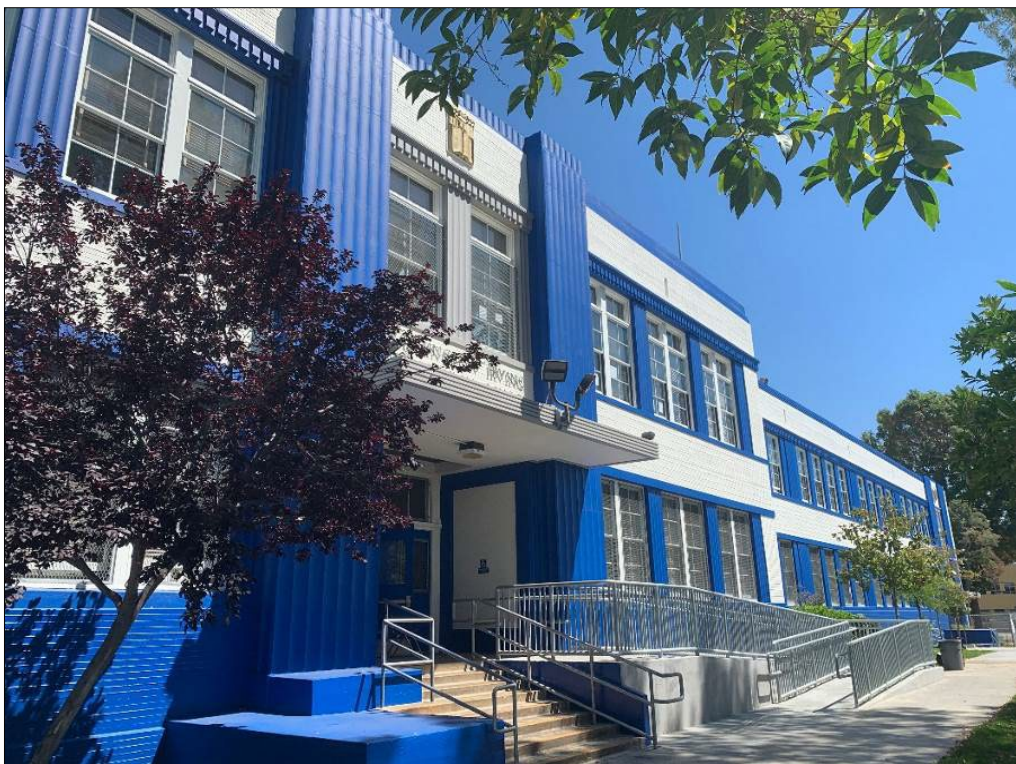


Figure 17. Primary entrance of Administration building.
*Shows plaster medallion, fluted pilasters, and flat canopy.
Cut-out metal lettering on canopy identifies building.*



Figure 18. Southwest façade of the Administration building, view toward the northeast.



Figure 19. Northeast façade, showing vertical fluted pilasters and multi-story glass-block section.

Interior

The interior consists of a double-loaded central corridor at each floor that runs the length of the building. The section of glass blocks that extends from the ground level across both floors passes through the second-level floor plane and provides natural light at both ends of the corridors on both levels (Figure 19, above, and Figure 20). The glass blocks flanking the entry at the center of the northwest façade allow light into the interior of the ground floor at the bottom of a stairwell (Figure 21). The corridors have dropped ceilings of acoustical tile with inset fluorescent lighting and vinyl tile flooring. The doors are metal, each with a single vertically oriented light and lever-type hardware (Figure 22). Some doors have multi-light transoms that have been painted over (Figures 23 and 24). Corners in the corridors are rounded (Figures 25 and 26). A few original wood display cases with decorative molding and glass insets remain on the first floor (Figure 27). In the classrooms and offices, the ceilings are acoustical tile with attached rectangular fluorescent lighting. In the interior, windows and doors have wood molding surrounds. A few original paneled wood doors with brass hardware remain in the offices (Figure 28).

Auditorium

Exterior

The primary (northwest) façade of the Auditorium is situated southeast of the Administration building and the wide path forming the entrance to campus. A metal gate spans the space between the two buildings and bears cut-out lettering identifying the campus. Similar to the Administration building, the two-story Auditorium is constructed of concrete with a flat parapet and a generally rectangular plan. The plan steps back slightly on the northeast and southwest façades toward the southeast end, marking the location of the stage. Like the Administration building, the exterior walls clearly show the texture of the horizontal board forms used to construct the building.

The configuration of the design elements of the Auditorium is generally symmetrical on each façade. A narrow band of cresting at the top of the parapet encircles the building, with a stringcourse in a dentil motif approximately 6 feet below. Lower sections span the width of the building at the northwest and southeast façades.

The primary (northwest) façade is composed of three sets of paneled wood doors positioned below a wide expanse of unfenestrated wall. The three entrances are each flanked by two fluted plaster pilasters that span the height from ground level to the bottom of the dentil stringcourse above (Figures 29 and 30). A narrow stringcourse runs across the tops of the doors between the two sets of pilasters. Above the doors the building is identified by cut-out bronze letters in a serif font attached to the exterior wall. At each side of the entrance wing is a secondary window with a concrete grille, a motif also seen flanking the primary entrance on the Administration building (Figure 31). Attached to the exterior wall between the doors are two plaques. One plaque indicates the building was a 1939 project of the New Deal Administration of Public Works (more commonly known as the Public Works Administration or PWA) (Figure 32). A second plaque records the dedication of the Auditorium to retiring principal Helen Watson Pierce on June 12, 1942 (*Eagle Rock Advertiser* 1942) (Figure 33).

The northeast and southwest façades are nearly identical. A higher section is centered on each façade, marking the location of the assembly hall inside. The prominent feature of each of these façades is a set of three multi-light windows, separated by fluted pilasters, centered on the projecting central section. A stringcourse with a dentil motif runs across the tops of the windows, and the cresting motif is continued at the top of the parapet on this façade. The wood windows each have two separate sections: a three-by-two-light section at the top and a three-by-five-light section at the bottom (Figures 34 and 35). Accommodating the topography, the shorter section at the southeast end of the building follows the natural slope and has a multi-light wood window on each façade at the lower level, marking the location of the band room.



Figure 20. Interior view of glass-block wall at northeast end of Administration Building.



Figure 21. Glass blocks flanking ground-floor entrance.



Figure 22. Central corridor at the first floor of the Administration building, view toward the northeast.



Figure 23. Two-light transom in Administration Building.

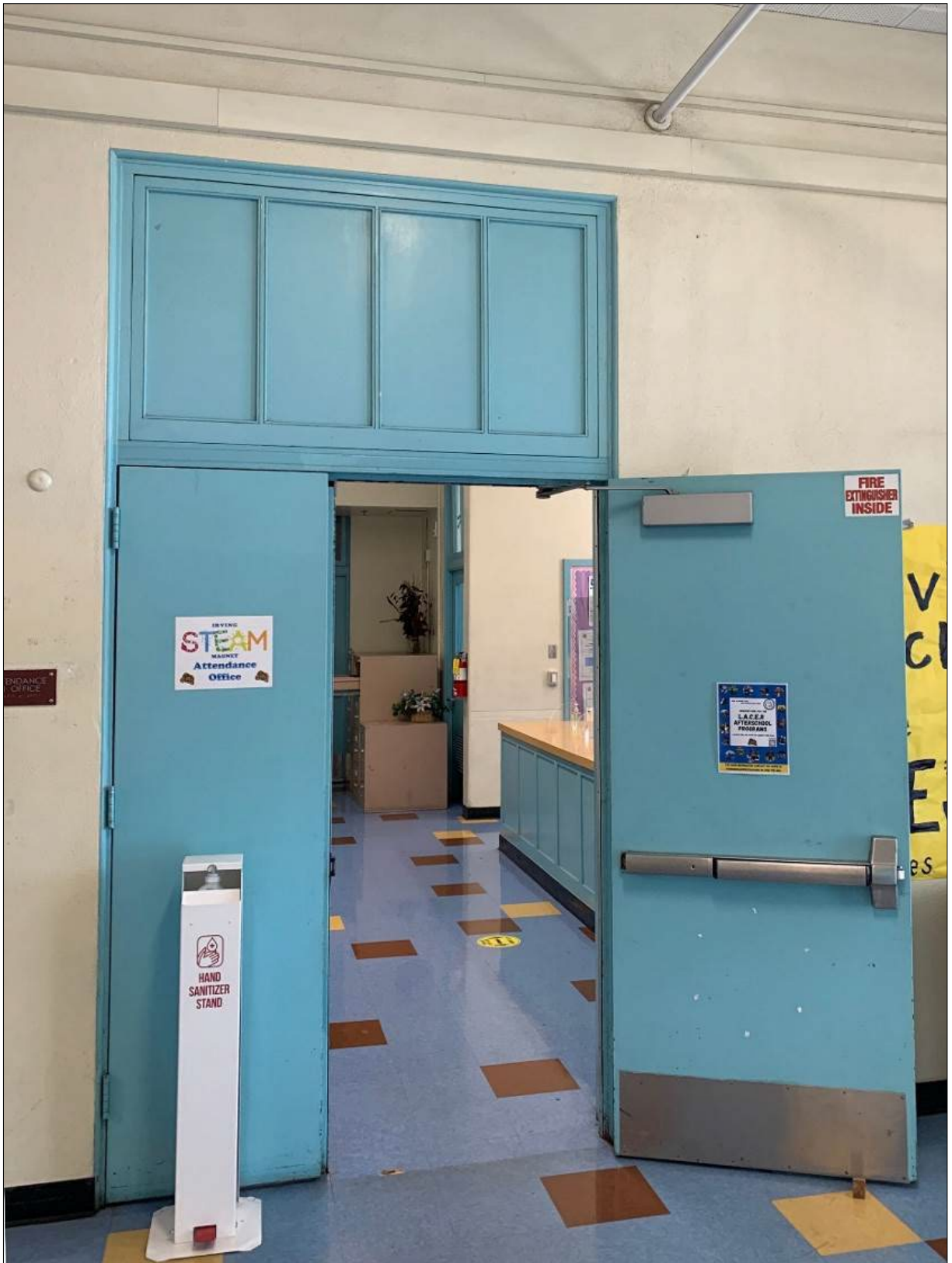


Figure 24. Four-light transom in Administration building.



Figure 25. Rounded corner wall in the corridor of the Administration building.



Figure 26. Rounded corner wall and vertically oriented multi-light window in stairwell.

5. Architectural Descriptions



Figure 27. Display case in first-floor corridor of Administration building.



Figure 28. Interior of typical classroom, view toward the southeast.



Figure 29. Northwest (primary) façade of Auditorium. Shows fluted pilasters, stringcourses, and primary entrance.



Figure 30. Detail of cut-out bronze lettering above primary entrance.



Figure 31. Detail of concrete grille on secondary windows and detail of board-form concrete texture.



Figure 32. Dedication plaque on Auditorium exterior wall.

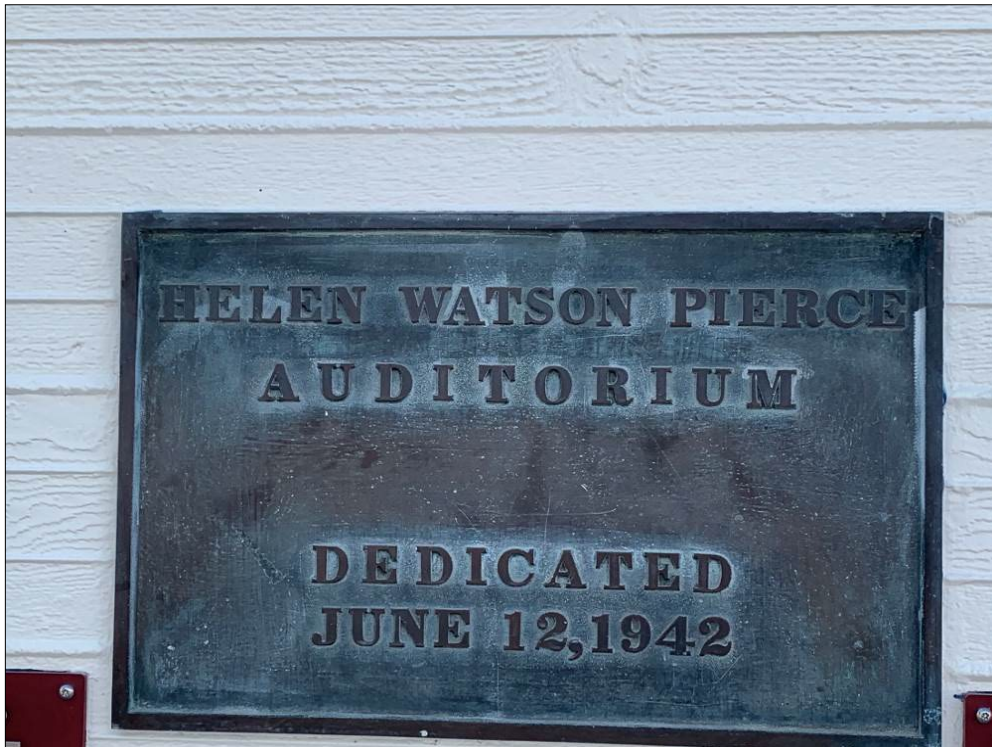


Figure 33. Dedication plaque on Auditorium exterior wall.



Figure 34. Northeast façade of Auditorium.
*Shows crested stringcourse at top of parapet, dentil stringcourse above windows,
and multi-light wood windows, view toward the southwest.*



Figure 35. Southwest façade of Auditorium.
Shows window configurations identical to northeast façade.

There is also a double wood entrance door to the band room at the southwest façade (Figure 36). At each of these façades, unfenestrated sections of the wall step inward toward the southeast (Figure 37).



Figure 36. Entrance on the southwest façade at lower level, view toward the northeast.



Figure 37. Detail of southeast end of southwest façade of Auditorium, view looking up at stepped wall.

At the southeast façade, the main part of the wall is unfenestrated, with the stringcourse and cresting at the parapet continuing around the building. At each end of the façade, two wide fluted sections span the distance from the stringcourse to the top of the lower level. At the lower level, a series of six recessed multi-light windows, flanked by smaller windows at each end, mark the location of the band room (Figure 38).



Figure 38. Southeast and northeast façades of the Auditorium, view toward the west.

Interior

The Auditorium building is entered through a full-width foyer, featuring a terrazzo mural on the opposite wall. The mural, titled “Life of Washington Irving,” depicts the author for whom the school is named. It shows the author amid pictorial references to his literary works, including “The Legend of Sleepy Hollow” and “Rip Van Winkle.” A small plaque indicates the mural was a project of the Federal Emergency Works Progress Administration (WPA) under President Franklin D. Roosevelt (Figure 39). On each side of the mural is a set of double paneled wood doors providing access to the assembly hall; two additional sets of doors are located to the left and right of the foyer. In the foyer, the design elements are curvilinear, in contrast with the more angular exterior elements, including a ticket booth recessed into a curved wall on the northwest side of the foyer (Figure 40). The ceiling displays a multi-level stepped configuration that follows the form of the curved walls. Lighting is provided by four round aluminum chandeliers with horizontal bands, which are suspended from the ceiling by fixed rods (Figure 41). The floor is covered in vinyl tile.

The assembly hall reflects a traditional plan of a stage at the far end (back of the house), recessed between rounded walls that narrow down to the width of the stage. The ceiling steps down gradually to the top of the stage. The stage is approached by two side aisles lined with seating fixed to a raked floor (Figures 42 and 43). The molded plywood foldable seats are connected, with cast-iron ends in a Moderne motif (Figure 44). The ceiling is marked by slightly recessed parallel stepped bands that trace the edges of the room (Figure 45). Round metal chandeliers are suspended from the ceiling with fixed metal rods connected to a canopy with a Moderne motif. The pendants have a circular form with metal elements radiating from the center (Figure 46).



Figure 39. Terrazzo mural in lobby of Auditorium depicting Washington Irving and his literary works.



Figure 40. Rounded wall and ticket booth in foyer, view toward the northwest.



Figure 41. Detail of chandelier and curvilinear ceiling motif in Auditorium lobby.



Figure 42. Stage, curved walls with stepped ceiling, raked seating, and chandeliers in Auditorium, view toward the southeast.



Figure 43. View of assembly hall from stage, looking southeast.



Figure 44. Detail of cast-iron and molded plywood foldable seating in Auditorium.



Figure 45. Interior view of windows at northeast façade of Auditorium.

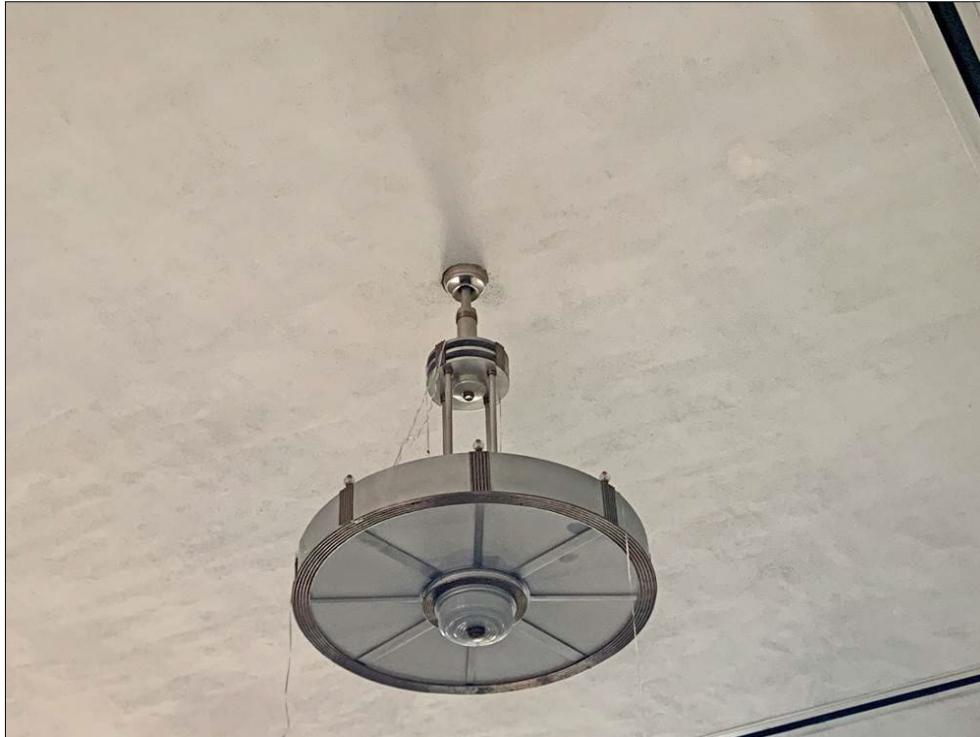


Figure 46. Detail of chandelier in Auditorium.

A short wood staircase with curved wood bases at each side of the stage parallels the walls (Figure 47). The stage and backstage area have wood flooring. Paneled wood doors are located throughout the backstage area. Wings to the southeast and northwest of the backstage area house storage, toilets, and dressing rooms (Figures 48 and 49).

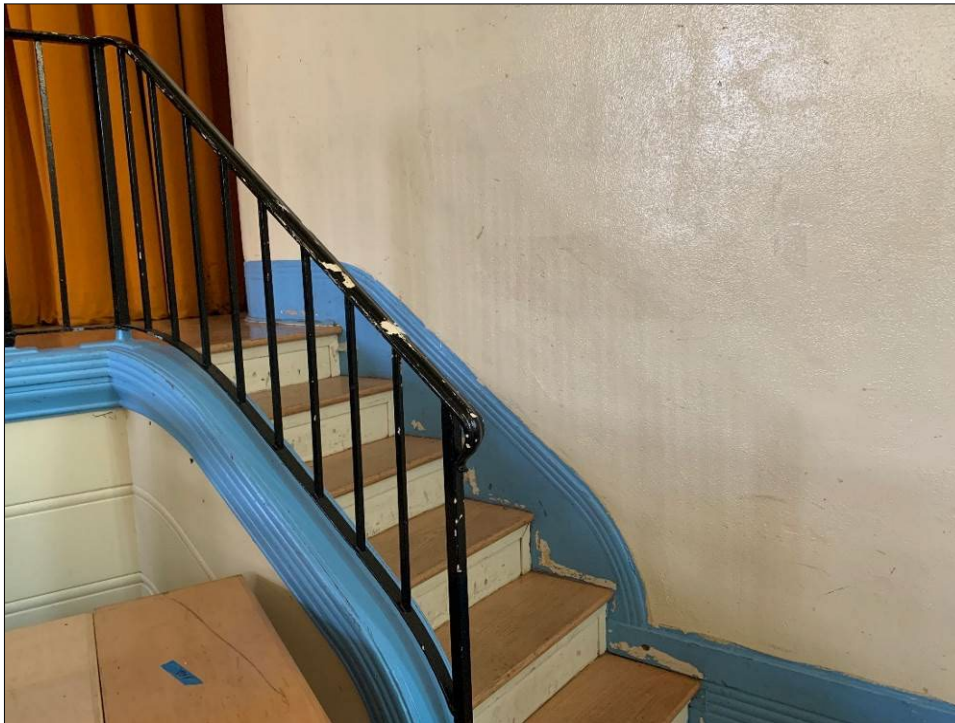


Figure 47. Detail of stairs and articulated wood base.



Figure 48. Wood flooring on stage and backstage area and two-panel wood doors.

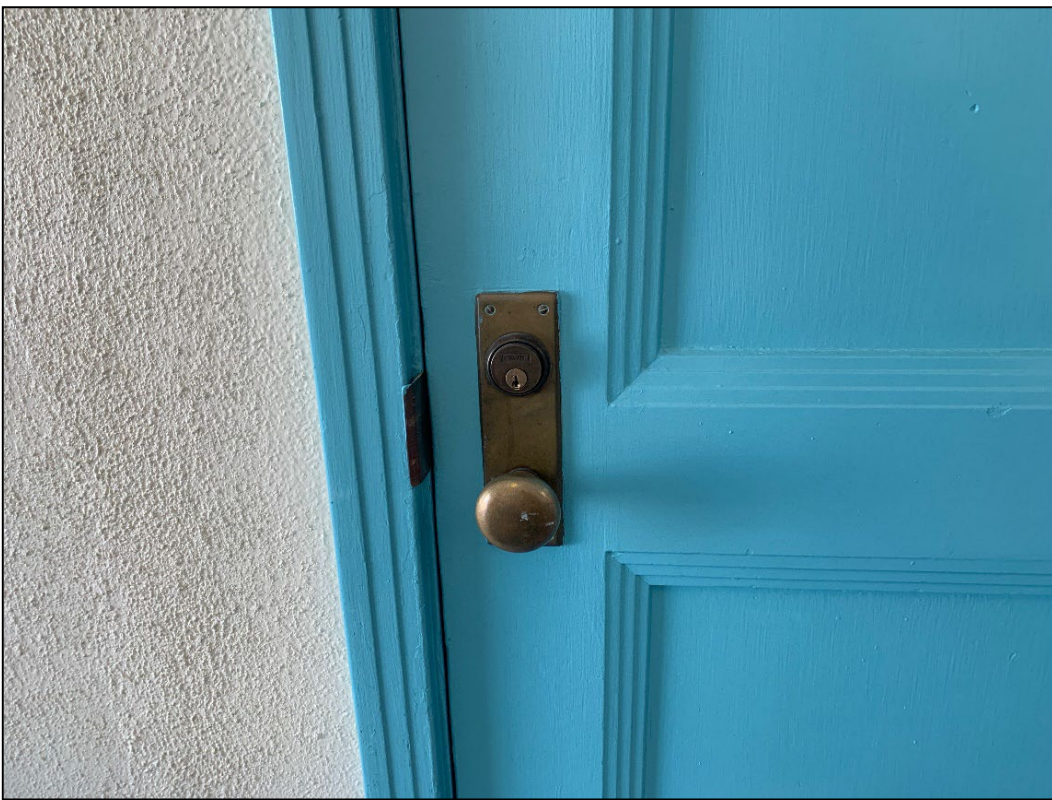


Figure 49. Original paneled wood door and brass hardware.

5. Architectural Descriptions

Below the stage is a band room. Concrete beams are visible on the ceiling. Acoustical tile lines the areas between the beams on the ceilings and on the walls. Lighting is provided by dropped fluorescent fixtures. Paneled wood storage cabinets line the southeastern wall. As the band room is located on the natural downslope from the auditorium entrance, there are windows and an exterior door. Windows are recessed wood sash, with three-over-three horizontal lights. Doors in this area are original paneled wood with two horizontal lights and vertical light transoms. The walls are lined with continuous green chalkboard, and the floor is carpeted (50 and 51).



Figure 50. Band room beneath stage, view toward the north.



Figure 51. Band room, view toward the east.

Physical Education

Exterior

The two-story Physical Education building is located southwest of the Administration building, adjacent to the south playing field. The building repeats the design elements of the Administration and Auditorium buildings, with textured board-form poured concrete on the exterior walls. The parapet is capped with a plain stringcourse, and a stringcourse of dentil molding parallels the roof approximately seven feet below. An elevator wing has been added to the southwest façade facing the playing field. The building has a rectangular plan and sits on a concrete foundation. The plan is generally symmetrical, with areas for boys and girls at separate ends.

Centered on the northeast (primary) façade is a group of five identical windows consisting of pairs of two-by-three-light awning-type windows. Between the windows are wide fluted pilasters spanning the distance between the bottoms of the windows and the top of the parapet. The dentil molding around the building is broken by these pilasters and continues along the tops of the windows. A plaster medallion is located above the center window. Centered below the group on the northeast façade is cut-out bronze lettering identifying the building. All other windows on the second floor are groups of small four-over-four sash, recessed in channels (Figure 52).



Figure 52. Detail of cut-out letters and awning-type windows at northeast façade of Physical Education Building.

The southwest façade is similar to the northeast façade. Whereas the façade originally had five pairs of two-by-two-light awning-type windows, a projecting elevator shaft has replaced the original central window on the façade. The small elevator wing has a rectangular plan and a flat roof. The height sits below the dentil stringcourse on the main section of the building. The elevator wing has a narrow stringcourse that does not align with that of the main building and irregular fenestration (Figure 53). Like the northeast façade, the other windows on the second floor are groups of small four-over-four sash, recessed in channels and placed symmetrically on both sides of the central window group. Fenestration at the ground level of the southwest façade is irregular in size and type of windows and doors. The door at the southeast end of the façade has a multi-light transom.

There is a recessed entrance with a multi-light transom at each of the northwest and southeast façades. A secondary entrance with a multi-light hopper-type transom is on the southeast façade. Fenestration on the ground level is irregular. All windows are recessed multi-light wood; on the northeast and southwest façades, several windows are grouped in pairs. The second floor displays the majority of the stylistic elements of the building. Centered on each of the northwest and southeast façades is a group of identical windows consisting of pairs of two-by-two-light awning-type windows (Figures 54 and 55).



Figure 53. Window configurations at southwest façade mirror those at primary façade.



Figure 54. Physical Education Building, southeast façade. Shows dentil molding below parapet and arrangement of windows.



Figure 55. Window configurations at northeast (primary) façade of Physical Education Building.

Interior

The interior of the first floor contains showers, dressing/locker rooms, toilets, and offices (Figures 56 and 57). The plan generally is mirrored on each end of the building, with the areas for boys echoing those for girls. There is a two-flight staircase at each of the northwest and southeast façades. The stairs are cast concrete. On the first floor, the wall curves outward and the steps follow the curve at the bottom. A vertically oriented multi-light window is located in each stairwell. The stairs are adjacent to a corridor leading to the entrance, which also has a curved wall (Figures 58 and 59).

The second-floor plan has an exercise room/gymnasium at the center, with equipment and exercise rooms at each end, separated into a girls' section and a boys' section. Doors from each provide access to the gymnasium. The ceiling of the gymnasium is covered in acoustical tile, and lighting consists of attached fluorescent fixtures. The floors are parquet wood. Five large three-part windows are located on each exterior wall. Each section is a two-by-two-light awning-type window (Figures 60 and 61).



Figure 56. Interior of locker room on first floor, view toward the southeast.



Figure 57. Interior of locker room on first floor, view toward the northeast.

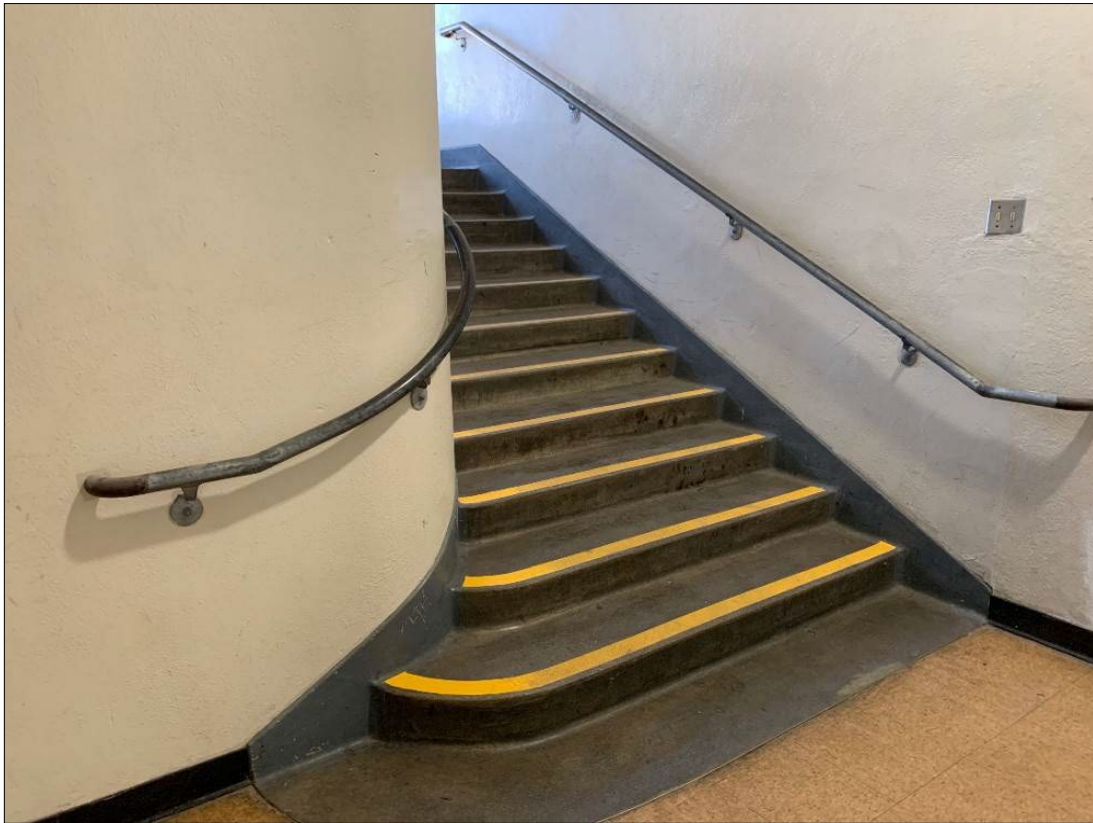


Figure 58. Curved wall at approach to stairs in Physical Education Building.



Figure 59. Vertically oriented windows in stairwells in Physical Education Building.

5. Architectural Descriptions



Figure 60. Parquet wood floor and awning-type windows in gymnasium of Physical Education Building.



Figure 61. Parquet wood floor and awning-type windows in gymnasium of Physical Education building.

Cafeteria

Exterior

The single-story Cafeteria is centered on the Administration building to the northwest. The setting consists of paved parking areas, patios, and mature trees. A driveway that was once Rosswell Street runs parallel to the northwest façade of the building. Similar to the other major buildings in the campus core, the building has a flat parapet capped with metal coping and a prominent stringcourse with horizontal bands a few feet below. This building is clad in smooth stucco. It echoes the design elements of the other original buildings in its use of fluted pilasters between groups of windows. It has a generally rectangular plan, with a small wing extending from the southeast façade and an entry vestibule extending from the southwest façade. Both of these wings have overhanging flat roofs and fascia with horizontal bands. This motif is carried through in a projecting element running across the tops of windows and doors. Cut-out bronze letters identifying the building are attached to the northwest façade. Overflow scuppers are located above square catchment boxes (labeled “Catchment Heads” on architectural drawings), with horizontal bands capping round downspouts. Small round vents are located below the stringcourse. Vertically oriented multi-light windows paired in groups of two or three with fluted divisions that are partially operable (Figures 62-64).



Figure 62. Stringcourse, canopies, and sunshades with horizontal details on Cafeteria.



Figure 63. Lettering identifying building, round vent, and square catchment below scupper on Cafeteria.



Figure 64. Windows on Cafeteria building.
Shows two-light section above two-by-four-light section, with fluted plaster piers separating window pairs.

Interior

The interior is dominated by a large room that fills more than half of the southwest end of the building. In original plans, it is labeled Students' Dining Room. A partition is centered on the northeast wall of the large dining room, behind which are areas labeled a Serving Room, a Kitchen, a Faculty Dining Room, and a Dishwashing Room, as well as several small storage and service rooms. There are several original two-panel wood doors with brass hardware. A Moderne-style water station is also located in the Faculty Dining Room, which also has a non-original exterior door with an original two-light transom (Figures 65 and 66). There are two skylights in the building, one in the large dining room, and a smaller one in the serving/kitchen area (Figure 67).



Figure 65. Moderne water station in faculty dining room in Cafeteria.



Figure 66. Two-light transom and Moderne-style water station in Faculty Dining Room in Cafeteria.

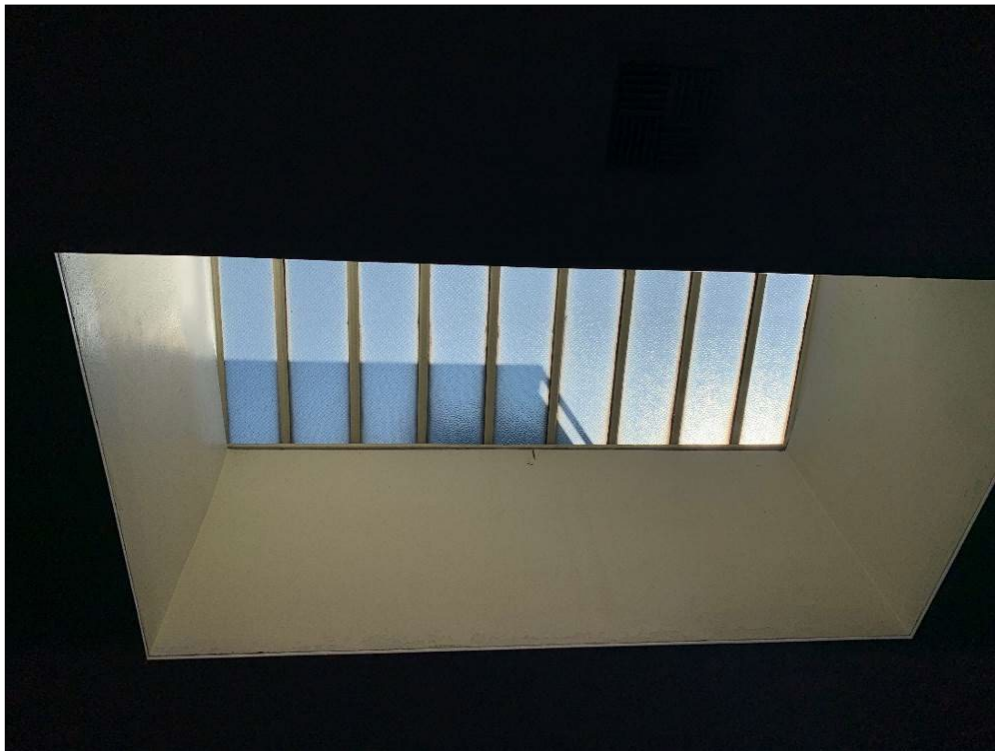


Figure 67. One of two multi-light skylights in Cafeteria.

Shops

Two small shops with rectangular plans and of nearly identical size are located northwest of the south playing field. Shop No. 1 is southwest of Shop No. 2. The façades of the two shops are similar, the only apparent difference being variations in size and placement of windows and doors. A covered flat-roofed canopy with a wood ceiling and supported by tubular steel columns and railing runs along the southeast façades, connecting the two shops and continuing to connect to utilitarian buildings farther to the southwest. The shops have flat parapets capped with metal coping. At the southeast façades, partially obscured by the corridor roof are six-by-five-light windows, which appear to be partially operable. The northwest façades are configured the same as the southeast façades, each with three pairs of multi-light windows. The northeast and southwest façades are irregularly fenestrated (Figures 68–75).



Figure 68. Southeast façades of shops, view toward the northwest.

5. Architectural Descriptions



Figure 69. Corridor connecting the two Shops, view toward the west.



Figure 70. Southwest façade of Shop No. 1, view toward the east.



Figure 71. Northwest façades of shops, view toward the east.



Figure 72. Southeast and northeast façades of Shop No. 2, view toward the west.

5. Architectural Descriptions



Figure 73. Northeast façade of Shop No. 2, view toward the west.



Figure 74. Northeast and northwest façades of Shop No. 2, view toward the south.



Figure 75. Southwest façade of Shop No. 2, view toward the east.



Figure 76. Washington Irving Middle School Historic District contributors and recommended boundary.

6. SIGNIFICANCE EVALUATION

Evaluation Framework

National Register of Historic Places

Authorized by the NHPA of 1966, the National Park Service's NRHP is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect America's historic and archeological resources. The NRHP is the official list of the nation's historic places worthy of preservation. The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity and:

- A. are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. are associated with the lives of persons significant in our past; or
- C. embody distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or have yielded, or
- D. may be likely to yield, information important in prehistory or history.

Integrity

In order to be eligible for listing in the NRHP and CRHR, a property must retain sufficient integrity to convey its significance. The NRHP publication *How to Apply the National Register Criteria for Evaluation*, National Register Bulletin 15, establishes how to evaluate the integrity of a property: "Integrity is the ability of a property to convey its significance" (National Park Service 1997). The evaluation of integrity must be grounded in an understanding of a property's physical features and how they relate to the concept of integrity. Determining which of these aspects are most important to a property requires knowing why, where, and when a property is significant. To retain historic integrity, a property must possess several, and usually most, aspects of integrity:

1. *Location* is the place where the historic property was constructed or the place where the historic event occurred.
2. *Design* is the combination of elements that create the form, plan, space, structure, and style of a property.
3. *Setting* is the physical environment of a historic property, and refers to the character of the site and the relationship to surrounding features and open space. Setting often refers to the basic physical conditions under which a property was built and the functions it was intended to serve. These features can be either natural or manmade, including vegetation, paths, fences, and relationships between other features or open space.
4. *Materials* are the physical elements that were combined or deposited during a particular period or time, and in a particular pattern or configuration to form a historic property.
5. *Workmanship* is the physical evidence of crafts of a particular culture or people during any given period of history or prehistory, and can be applied to the property as a whole, or to individual components.
6. *Feeling* is a property's expression of the aesthetic or historic sense of a particular period of time. It results from the presence of physical features that, when taken together, convey the property's historic character.

7. *Association* is the direct link between an important historic event or person and a historic property.

California Register of Historical Resources

The CRHR program encourages public recognition and protection of resources of architectural, historical, archaeological, and cultural significance; identifies historical resources for state and local planning purposes; determines eligibility for state historic preservation grant funding; and affords certain protections under CEQA. The criteria established for eligibility for the CRHR are directly comparable to the national criteria established for the NRHP.

In order to be eligible for listing in the CRHR, a building, object, or structure must satisfy at least one of the following four criteria:

1. It is associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California or the United States.
2. It is associated with the lives of persons important to local, California, or national history.
3. It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master or possesses high artistic values.
4. It has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation.

Historical resources eligible for listing in the CRHR must also retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance. For the purposes of eligibility for the CRHR, integrity is defined as “the authenticity of an historical resource’s physical identity evidenced by the survival of characteristics that existed during the resource’s period of significance” (California Office of Historic Preservation 2001). This general definition is generally strengthened by the more specific definition offered by the NRHP—the criteria and guidelines on which the CRHR criteria and guidelines are based upon.

California Environmental Quality Act

CEQA Section 15064.5 *Determining the Significance of Impacts to Archeological and Historical Resources* requires that all private and public activities not specifically exempted be evaluated against the potential for environmental damage, including effects to historical resources. Historical resources are recognized as part of the environment under CEQA. It defines historical resources as “any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California.”

Lead agencies have a responsibility to evaluate historical resources against the CRHR criteria prior to making a finding as to a proposed Project’s impacts to historical resources. Mitigation of adverse impacts is required if the proposed Project will cause substantial adverse change to a historical resource. Substantial adverse change includes demolition, destruction, relocation, or alteration such that the significance of an historical resource would be impaired. While demolition and destruction are fairly obvious significant impacts, it is more difficult to assess when change, alteration, or relocation crosses the threshold of substantial adverse change. The CEQA Guidelines provide that a Project that demolishes or alters those physical characteristics of an historical resource that convey its historical significance (i.e., its character-defining features) can be considered to materially impair the resource’s significance. The CRHR is used in the consideration of historical resources relative to significance for purposes of CEQA. The CRHR includes resources listed in, or formally determined eligible for listing in, the NRHP, as well as some California State Landmarks and Points of Historical Interest. Properties of local significance that have been designated under a local preservation ordinance (local landmarks or landmark districts), or that have

been identified in a local historical resources inventory, may be eligible for listing in the CRHR and are presumed to be significant resources for purposes of CEQA unless a preponderance of evidence indicates otherwise.

Generally, a resource shall be considered by the lead agency to be a “historical resource” if it:

1. Is listed in, or determined to be eligible by the State Historical Resources Commission for listing in, the California Register of Historical Resources (PRC Section 5024.1, Title 14 CCR, Section 4850 et seq.).
2. Is included in a local register of historical resources, or is identified as significant in an historical resource survey meeting the requirements of PRC Section 5024.1(g).
3. Is a building or structure determined to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California.

City of Los Angeles Historic-Cultural Monument

According to the City of Los Angeles Cultural Heritage Ordinance Chapter 9, Division 22 (Cultural Heritage Ordinance) of the Los Angeles Administrative Code, Historic-Cultural Monument designation is reserved for those resources that have a special aesthetic, architectural, or engineering interest or value of a historic nature. Any site (including significant trees or other plant life located on a site), building or structure of particular historic or cultural significance to the City of Los Angeles, can be designated as long as it is a historic structure or site:

- a. in which the broad cultural, economic or social history of the nation, State, or community is reflected or exemplified; or
- b. that is identified with historic personages or with important events in the main currents of national, State or local history; or
- c. that embodies the distinguishing characteristics of an architectural type specimen, inherently valuable for a study of a period, style or method of construction; or
- d. that is a notable work of a master builder, designer, or architect whose individual genius influenced his or her age.

A proposed resource may be eligible for local designation as a Historic-Cultural Monument if it meets at least one of the criteria above.

Los Angeles Unified School District

The *LAUSD Historic Context Statement, 1870 to 1969* (Sapphos 2014), establishes guidelines for evaluating the significance of LAUSD campuses. The LAUSD Historic Context Statement outlines historic contexts and themes, with eligibility standards, character-defining features, and integrity considerations for each. Irving MS was considered under the appropriate contexts and themes, and associated property types, period of significance, areas of significance, and geographic location. The applicable eligibility standards, character-defining features, and integrity considerations for both individual significance and significance as a historic district are provided in the *LAUSD Historic Context Statement* (Sapphos 2014:141-143). The context and theme that apply to Irving MS are as follows:

Area of Significance: A/1

- Context: Public and Private Institutional Development/Education
- Theme: LAUSD/Post–1933 Long Beach Earthquake School Plants
- Property Type: Institutional/Educational

6. Significance Evaluation

Property Subtypes: Elementary, Junior High, and High School Buildings and Campuses

- Period of Significance: 1933 to 1945
- Area of Significance: Education
- Geographic Location: Citywide

Eligibility Standards

- Exemplifies post-Long Beach earthquake school planning and design concepts of the period, including requirements under the 1934 Field Act
- One-story massing for elementary schools; up to two stories for junior/high schools

Character-Defining Features

Buildings/Structures

- One-story massing for elementary schools; up to two stories for middle and senior high schools
- Reinforced concrete, steel-, or wood-frame construction
- Generous expanses of windows, including steel- and wood-framed multi-light windows, awning and hopper casements, clerestories, and large-pane fixed windows; window groupings often mark the location of classrooms
- Stylistically more streamlined and less ornamental than 1920s period-revival styles
- Styles can also include PWA Streamline Moderne, Art Deco, Late Moderne, and proto-modern styles
- May have been partially or fully funded through Works Progress Administration (WPA), 1935 to 1943
- WPA projects may include significant interior artwork such as murals, paintings, and sculpture
- May have been designed by a prominent architect of the period

Campus/District

- Unified site plan consisting of buildings and structures designed and sited according to their use
- Varied collection of buildings, differentiated by function and use (rather than a single building with all functions inside)
- Campus often composed of groupings of classroom wings, auditoriums, gymnasiums, cafeterias, and outdoor recreation and dining areas
- Middle or senior high schools might include a gymnasium designed in the style of the campus overall

Integrity Considerations

- Should retain most of the essential physical features from the period of significance
- Some materials may have been removed or altered
- Modern lighting and fencing of site acceptable
- Schools from this period generally include buildings constructed after the period of significance, in particular post-World War II buildings, which may be noncontributing
- Eligible properties under this theme may be a single building, if it exemplifies the design ideals of the era, or a grouping (campus) of buildings constructed during the period of significance

- Intact campus groupings from the pre-1945 era are not common
- Should retain integrity of Materials, Design, Workmanship, Feeling, and Association from its period of significance

Area of Significance: C/3

According to the *LAUSD Historic Context Statement*, buildings exhibiting distinctive design features might also qualify under Criteria C/3, as the embodiment of the distinctive characteristics of a type/period or method of construction, as an example of the work of a master architect, or for high artistic values.

Architectural Style: PWA Moderne

Created by the National Industrial Recovery Act, the Public Works Administration, commonly known as the PWA, was founded within a few months of the March 1933 Long Beach Earthquake. Following widespread damage to Los Angeles public schools in the wake of the earthquake, much school reconstruction work was funded by the PWA. Consequently, a substantial number of Los Angeles public schools either built or remodeled during this time exhibit some degree of PWA Moderne styling. Also referred to as “Stripped Classicism,” the PWA Moderne often incorporates elements of a number of styles, including Classical Revival, Spanish Colonial Revival, Art Deco, and Streamline Moderne.

Compared with the Streamline Moderne, the PWA Moderne was more formal and symmetrical in its overall design, with less emphasis on curvilinear shapes and horizontality. This style is found throughout the United States, particularly for institutional buildings funded through the PWA. Although the PWA program was terminated in 1943, buildings continued to display these character-defining features.

- Emphasis on the vertical axis
- Symmetrical, formal design composition and massing
- Smooth wall surfaces, generally exhibiting stucco, concrete, and/or polished stone (rarely includes brick exterior elements)
- Usually displays a flat roof
- Piers, often fluted or reeded, separating recessed window channels
- Incorporation of shallow relief panels and interior murals (Sapphos 2014:124)

SurveyLA notes additional character-defining features of PWA Moderne schools:

- Formal symmetry and massing
- Pier supports (rather than columns)
- Windows arranged in vertical recessed bays
- Stripped appearance with minimal ornamentation, including some zigzags, medallions, or plaster reliefs
- Generally features a two-story rectangular-shaped main administration building with separate additional buildings for cafeterias, auditoriums, gymnasiums, and classrooms (HRG 2017)

Evaluation of Eligibility

ASM considered the campus and the six original buildings for significance under the broad themes of Education and Architecture and the eligibility criteria described in the preceding section. The original section of the campus was evaluated as a potential historic district (Washington Irving Middle School Historic District), and six original buildings were evaluated for individual significance (Administration, Auditorium, Physical Education, Cafeteria, and two Shops). The period of significance is 1936–1939,

6. Significance Evaluation

encompassing the years of construction of the campus core. Recommended contributors/noncontributors are shown in Table 1. The recommended boundary of the historic district is shown in Figure 76.

NRHP/CRHR Evaluation

With this evaluation, ASM confirms previous surveys suggesting Irving MS appears to be eligible for NRHP/CRHR listing. Heumann (2002) gave the campus a status code of 3S (eligible through survey evaluation), although the report did not specify which criteria were under consideration, nor whether the code referred to the individual buildings or the campus as a historic district. In a survey from the public right-of-way, SurveyLA identified the campus as a potential historic district but did not consider the buildings individually (HRG 2017). Following the guidelines presented in the *LAUSD Historic Context Statement*, ASM recommends the Washington Irving Middle School Historic District eligible for NRHP/CRHR listing under criteria A/1 and C/3. Because they were constructed at the same as the other contributors and designed by the same architect who designed the Cafeteria, Shop No. 1 and Shop No. 2 are also recommended contributors. Four of the buildings that are recommended contributors are not recommended individually eligible under the same criteria, as shown in the table below and as described in the following sections.

Historic District Eligibility

Table 1. Recommended Contributors/Noncontributors to the Washington Irving Middle School Historic District

Building Name	Year Designed/ Constructed	Architect	Contributor/ Noncontributor	Individually Eligible	Criteria	CA SHPO Status
Administration	1936/1937	Bergstrom	Contributor	No	A/1 and C/3	3D
Auditorium	1939	Bergstrom	Contributor	No	A/1 and C/3	3D
Physical Education	1936/1937	Bergstrom	Contributor	No	A/1 and C/3	3D
Cafeteria	1937	Nibecker	Contributor	No	A/1 and C/3	3D
Shop No. 1	1937	Nibecker	Contributor	No	A/1	3D
Shop No. 2	1937	Nibecker	Contributor	No	A/1	3D

Criterion A/1. The historic core of Irving MS (comprising six 1930s buildings) meets the eligibility standards established in the *LAUSD Historic Context Statement* for significance under Criterion A/1 and theme of LAUSD Post-1933 Long Beach Earthquake School Plants. The campus exemplifies post-Long Beach earthquake school planning and design concepts of the period, including requirements under the 1934 Field Act. The two-story and story-and-a-half massing is consistent with eligible junior high schools of the era. The *LAUSD Historic Context Statement* states that intact campus groupings from the pre-1945 era are not common, raising the significance of the Irving MS campus core. Finally, the campus and the individual buildings retain most of the associative and character-defining features from the recommended period of significance, which is within the potential period of significance for the theme of 1933 to 1945. Therefore, the Washington Irving Middle School Historic District is recommended eligible for the NRHP/CRHR under Criterion A/1 as an intact campus grouping illustrating post-Long Beach earthquake school planning and design concepts. The specific period of significance for this district under NRHP/CRHR Criterion A/1 is 1936-1939, encompassing the years of planning and design for the campus core.

Criterion B/2. Research revealed no evidence that any important person was directly associated with the campus. Therefore, the Washington Irving Middle School Historic District is recommended not eligible under Criterion B/2 for listing in the NRHP/CRHR.

Criterion C/3. The historic core of Irving MS comprising six 1930s buildings meets the eligibility standards established in the *LAUSD Historic Context Statement* for significance under Criterion C/3 for the

theme of LAUSD Post–1933 Long Beach Earthquake School Plants. The group of buildings exhibits several of the features outlined for significance under Architecture. Specifically, the original campus presents a unified site plan consisting of a varied collection of buildings designed and sited according to their use, differentiated by function (rather than a single building with all functions inside, as was common among earlier campuses); that is, the original campus classrooms and administrative functions were contained in a single building, the Auditorium served primarily as a performance space, the physical education functions were in a separate building, and the Cafeteria provided the food services. Middle schools often included a gymnasium designed in the style of the campus overall, as is the case with the Physical Education building at Irving MS. The Irving MS campus was partially or fully funded through WPA, which was extant from 1935 through 1943 and often included significant interior artwork such as murals, like the terrazzo mural in the Auditorium. The three original buildings were designed by prominent architect Edwin Bergstrom with district architect Alfred S. Nibecker, Jr., contributing the design of the Cafeteria and Shops, following the established design for the campus. The campus exhibits the character-defining features of PWA Moderne architecture, it represents the work of a master architect, and it possesses high artistic values. Therefore, the Washington Irving Middle School Historic District is recommended eligible for the NRHP/CRHR under Criterion C/3 as an intact campus grouping illustrating post–Long Beach earthquake school planning and design concepts. The period of significance for this district under NRHP/CRHR Criterion C/3 is 1936–1939, encompassing the years of construction of Bergstrom’s PWA Moderne campus.

Criterion D/4. The Washington Irving Middle School Historic District is recommended not eligible for listing in the NRHP/CRHR under Criterion D/4 because it is a common property type that does not have the potential to provide information about history that cannot be found through historic research.

Character-Defining Features

The main buildings of the Irving MS campus exhibit the typical general character-defining features of PWA Moderne architecture as identified in the *LAUSD Historic Context Statement*.

- Emphasis on the vertical axis
- Symmetrical, formal design composition and massing
- Smooth wall surfaces, generally exhibiting stucco, concrete, and/or polished stone
- Flat roofs
- Piers, often fluted or reeded, separating recessed window channels
- Incorporation of shallow relief panels and interior murals

Administration Building

- Horizontal dentil and cresting (double-fluted) molded plaster stringcourses at top of parapet and above second-floor windows
- Simple plaster stringcourses below second-floor windows and above first-floor windows
- Molded plaster medallions above entrances
- Flat canopies with horizontal bands sheltering entrances
- Concrete exterior with prominent horizontal board-form textures
- Cutout lettering identifying building on canopy above primary entrance
- Projecting wide fluted plaster pilasters flanking entrances and marking divisions between groups of windows
- Four-over-four wood multi-light recessed sash arranged in channels
- Vertically oriented multi-light windows in stairways
- Multi-story sections of glass blocks at southwest and northeast façades
- Glass blocks flanking entrances at ground floor
- Concrete grilles covering secondary windows

6. Significance Evaluation

Interior

- Multi-light transoms

Auditorium

- Horizontal dentil and cresting (double-fluted) molded plaster stringcourses at top of parapet and above windows
- Wide fluted plaster piers between windows
- Wood windows in three-by-two– over three-by-five–light configuration
- Wide fluted pilasters flanking entrance
- Cutout bronze letters in serif font identifying building attached to northwest (primary) façade
- Concrete exterior with prominent horizontal board-form texture
- Concrete grilles covering secondary windows
- Stepped configuration of exterior walls marking location of stage
- Historical plaques

Interior

- Washington Irving–themed terrazzo mural in lobby
- Round suspended chandeliers and curvilinear ceiling motif in lobby
- Stage flanked by curved walls
- Cast-iron and molded plywood foldable seating
- Round suspended chandeliers
- Curved wood base of wood stairs at each side of stage
- Wood flooring on stage and in backstage area
- Two-panel wood doors in backstage area

Physical Education Building

- Horizontal dentil molding below parapet
- Wood four-over-four sash, regularly spaced in recessed channels at second floor
- Three-part wood awning-type windows in pairs on second-floor windows at northeast and southwest façades
- Wide fluted plaster piers from top of parapet to bottom of second-floor windows at northeast (primary) and southwest façades
- Plaster medallions centered on northeast façade above second-story windows
- Concrete exterior with prominent horizontal board-form texture
- Cutout bronze serif letters identifying building attached to northeast façade

Interior

- Curved wall with railing at approach to staircases
- Parquet wood floors in gymnasium
- Vertically oriented multi-light window in stairwells

Cafeteria

- Stringcourse with horizontal bands encircling the building below top of parapet
- Flat canopies and sunshades with horizontal bands
- Cutout bronze letters identifying building attached to northwest façade
- Square catchment boxes with horizontal bands atop round downspouts
- Small round vents at tops of walls
- Vertically oriented multi-light windows paired in groups of two or three with fluted divisions

Interior

- Two-panel wood doors
- Rectangular multi-light skylights
- Moderne-style water station in faculty dining room

Individual Eligibility

The four major original campus buildings exhibit most of the character-defining features listed in the *LAUSD Historic Context Statement*, with the exception of classroom wings designed for easy access to outdoors and an emphasis on “traditional Southern Californian” styles. As described in the context statement, the PWA Moderne style is more streamlined and less ornamental than 1920s period-revival styles. The Irving MS buildings were partially or fully funded through WPA, which was extant from 1935 through 1943. The campus buildings were designed by Edwin Bergstrom, a prominent architect of the period, with Alfred S. Nibecker, Jr., contributing the design of the Cafeteria and Shops, following the design established by Bergstrom. The recommended contributors exemplify Post-1933 Long Beach Earthquake buildings; however, they are not individually outstanding examples of the theme under Criterion A/1. Research revealed no evidence that any important person was directly associated with any individual building. Therefore, none of the contributors is recommended individually eligible under Criterion B/2. Under Criterion C/3, four of the contributors exhibit the character-defining features of a PWA Moderne building. However, none rises to the level of individual significance. None of the contributors is recommended individually eligible under Criterion D/4 because they do not have the potential to provide information about history that cannot be found through historic research. In summary, none of the Irving MS buildings is recommended individually eligible for the NRHP/CRHR under any criteria.

City of Los Angeles Eligibility

A resource may be eligible for local designation as a Historic-Cultural Monument (HCM) if it meets at least one of the criteria specified in the preceding section. Under these guidelines, the historic core of the Irving MS campus could be considered potentially eligible because it meets criterion (a), as a reflection of broad cultural and economic events. On the federal level, the campus was partially funded by the PWA, a program of the New Deal to bolster the economy following the Great Depression. On the state and local level, the campus exemplifies the type of school built according to new construction regulations developed in response to the 1933 Long Beach Earthquake. The campus is also potentially eligible under criterion (c) as embodying the distinguishing characteristics of an architectural style and method of construction from a particular period. Finally, it is potentially eligible under criterion (d) as a notable work of Edwin L. Bergstrom, a master architect whose individual work influenced this era of architecture in Los Angeles.

Integrity

Finally, Irving MS retains integrity of all seven aspects of integrity. The buildings have not been moved; therefore, the campus retains integrity of *Location*. The combination of elements that create the form, plan, space, structure, and style of the campus remains; therefore, it has integrity of *Design*. Although the neighborhood has developed in the vicinity of the school, it remains primarily residential. Many single-family houses date from the 1920s and 1930s, contemporaneous with the campus. Although infill in the form of backhouses and large multi-family apartment buildings is common, the campus retains the basic physical conditions under which it was built and the function of serving students in the immediate neighborhood. Therefore, it retains integrity of *Setting*. With largely unaltered building exteriors, the campus retains integrity of *Materials* and *Workmanship*. Finally, the physical features of the PWA Moderne architectural style are closely tied to historical events, specifically reconstruction following the 1933 Long Beach Earthquake and federal funding through the PWA in response to the Great Depression beginning in 1929. Therefore, Irving MS retains integrity of *Feeling* and *Association*. Regarding LAUSD integrity considerations, the significance of schools from this period is not affected by later additions to the cam-

6. Significance Evaluation

pus, and the rarity of intact campus groupings from the pre-1945 era might contribute to their significance. The *LAUSD Historic Context Statement* established that the essential aspects of integrity for resources eligible under this theme are Materials, Design, Workmanship, Feeling, and Association.

In accordance with the *LAUSD Historic Context Statement*, the campus retains all of the essential physical features from the period of significance. Very few, if any, materials have been removed or altered. Fencing of the site is acceptable. Although Irving MS includes buildings constructed after the period of significance, the inclusion of noncontributing buildings, in particular post-World War II buildings, such additions do not impact the significance of the campus.

7. CONCLUSION

ASM carefully considered the potential significance of Irving MS under the criteria described in this report. ASM recommends the Washington Irving Middle School Historic District eligible for listing in the NRHP, CRHR, and Los Angeles HCM, under criteria A/1/a and C/3/c and d. The campus is recommended as historically significant under the guidelines set forth in the *LAUSD Historic Context Statement*. As such, ASM recommends that the Washington Irving Middle School Historic District is a historical resource in accordance with CEQA and a historic property in accordance with NHPA.

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APPENDICES

Appendix A
California Department of Parks and Recreation Forms

Appendix B
City of Los Angeles Original Building Permits

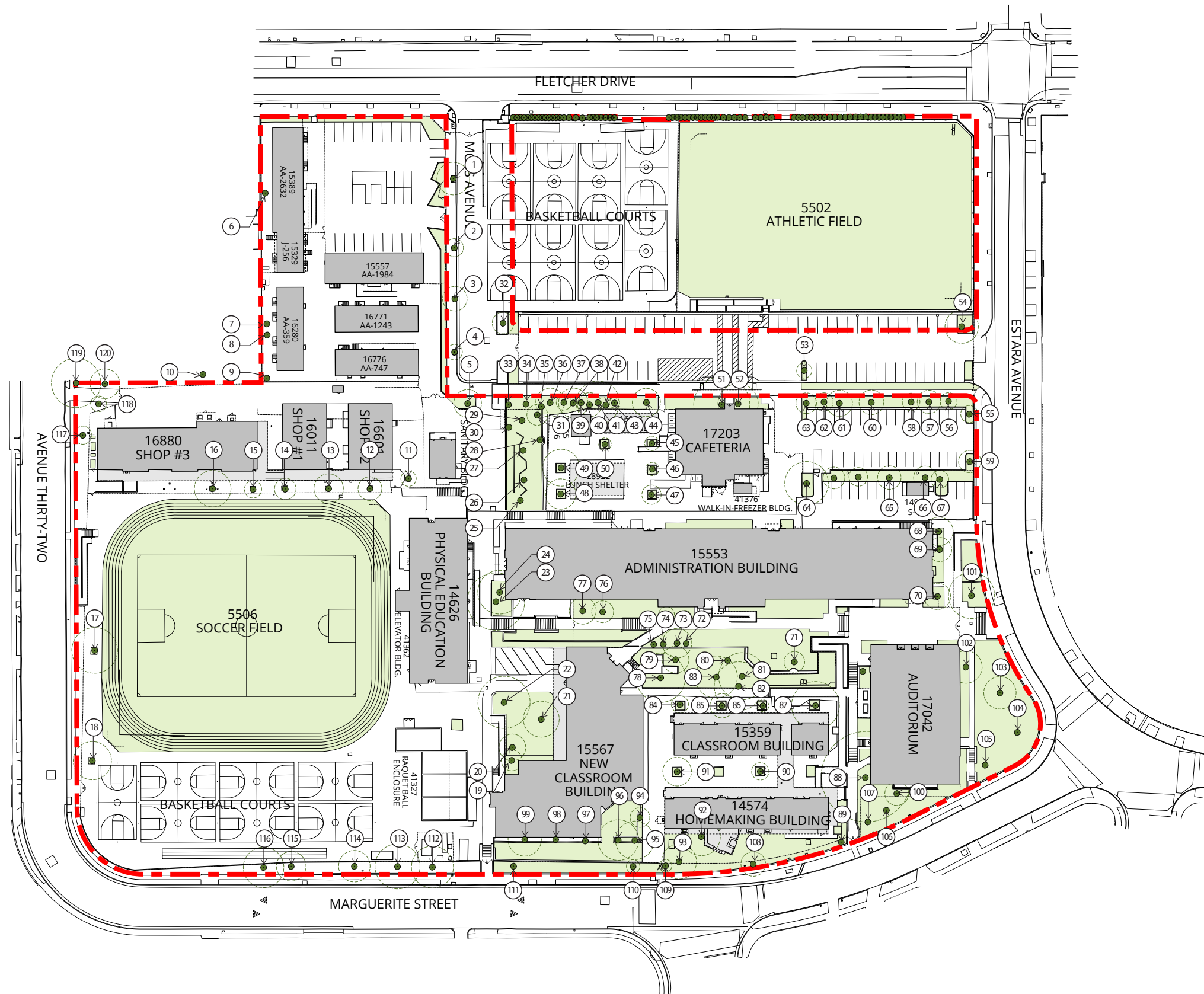
Appendix C
Architectural Drawings

TREE INVENTORY

See Tree Inventory Key Plan on 2.4.20 for reference.

LEGEND

- Project Boundary Area
- Building
- Tree
- Tree Dripline
- 119 Tree Number



Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (dbh) In inches	Overall Height	Brown Trunk Height (just for palms)	Canopy Spread (N/E/S/W)	Health	Structure	"Protected" or "Significant"	Comments
1	glossy privet	<i>Ligustrum lucidum</i>	14.4	22		10/12/12/14	B-	C+	Significant	decay at base, sparse, MPE, in sidewalk cutout, some deadwood in upper canopy, moderate die-back
2	glossy privet	<i>Ligustrum lucidum</i>	9	15		3/10/7/5	C	C-	Significant	mechanical damage, extensive decay throughout, MPE, in sidewalk cutout, some deadwood in upper canopy, moderate dieback, W side is dead
3	glossy privet	<i>Ligustrum lucidum</i>	12	15		4/5/10/8	B-	C	Significant	decay at base, sparse, MPE, in sidewalk cutout, some deadwood in upper canopy, moderate die-back
4	glossy privet	<i>Ligustrum lucidum</i>	10.6	15		3/6/3/12	C	C	Significant	decay at base, sparse, MPE, in sidewalk cutout, some deadwood in upper canopy, extensive die-back
5	Western sycamore	<i>Platanus racemosa</i>	11.7	28		13/16/13/16	A-	B+	Protected	MPE
OS6	Catalina cherry	<i>Prunus ilicifolia</i>	3, 8	25		12/12/16/0	A	B-	Significant	limited growing space, diameters estimated
OS7	Chinese elm	<i>Ulmus parvifolia</i>	8.5, 12, 10	25		15/8/20/35	A	B	Significant	diameters estimated, power lines through canopy, overhangs property ~15 feet, growing through fence
OS8	Chinese elm	<i>Ulmus parvifolia</i>	12, 16	30		18/23/24/30	A	B	Significant	topped at 3 feet, diameters estimated, power lines through canopy, overhangs property ~18 feet, growing through fence
9	Chinese elm	<i>Ulmus parvifolia</i>	12	18		16/22/10/12	B	C	Significant	diameter estimated, trunk growing through fence, unbalanced to E
OS10	Canary Island date palm	<i>Phoenix canariensis</i>	26	32	20	12/12/12/12	A	B+	Significant	diameter estimated, overhangs property ~10 feet
11	paperbark	<i>Melaleuca quinquenervia</i>	14.7	25		10/17/17/8	A	B	Significant	leans NE, mechanical damage at base
12	lemon bottlebrush	<i>Callistemon citrinus</i>	17.3	26		10/12/12/13	A	B+	Significant	in concrete cutout, MPE
13	lemon bottlebrush	<i>Callistemon citrinus</i>	19	20		20/6/5/13	A	C	Significant	in concrete cutout, MPE, leans NE, diameter measured at 3.5 feet, HR
14	paperbark	<i>Melaleuca quinquenervia</i>	16.6	25		12/12/10/14	A-	B	Significant	in concrete cutout, MPE
15	paperbark	<i>Melaleuca quinquenervia</i>	15.2	20		9/9/10/12	A	B	Significant	in concrete cutout, MPE, MBA
16	Western sycamore	<i>Platanus racemosa</i>	14.6	30		20/14/15/20	B	B	Protected	in concrete cutout, MPE, some dieback, CLPD, asphalt uplift
17	Chinese elm	<i>Ulmus parvifolia</i>	17.5	30		21/15/25/22	A	B+	Significant	in concrete cutout, MPE
18	Chinese elm	<i>Ulmus parvifolia</i>	15.6	20		22/18/21/17	B+	B+	Significant	in concrete cutout, MPE, EG throughout
19	carrotwood	<i>Cupaniopsis anacardioides</i>	9, 14.2	35		15/15/15/15	A	B	Significant	pruned for building clearance, diameters measured at 5 feet, MPE
20	carrotwood	<i>Cupaniopsis anacardioides</i>	5.7, 7.7	22		12/5/18/5	A	B	Significant	minor decay at base, codoms at base, MPE
21	African sumac	<i>Searsia lancea</i>	6.3, 6.7	20		12/18/15/8	A-	B	Significant	MPE, pruned for building clearance, leans E, some exposed roots
22	jacaranda	<i>Jacaranda mimosifolia</i>	9.4, 11, 14.5	25		18/22/28/25	A	B	Significant	codoms at base, MPE, exposed roots, EG

Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (dbh) In inches	Overall Height	Brown Trunk Height (just for palms)	Canopy Spread (N/E/S/W)	Health	Structure	"Protected" or "Significant"	Comments
23	Canary Island pine	<i>Pinus canariensis</i>	24.8	55		8/20/25/25	A	B+	Significant	large burls on lower trunk, MPE
24	Canary Island pine	<i>Pinus canariensis</i>	16.8	50		12/7/8/21	A	B+	Significant	MPE, pruned for building clearance
25	Canary Island pine	<i>Pinus canariensis</i>	21.8	28	18	12/12/12/12	A-	B+	Significant	some dead fronds in canopy
26	Canary Island pine	<i>Pinus canariensis</i>	28.3	38	30	12/12/12/12	A-	B+	Significant	some dead fronds in canopy
27	Canary Island pine	<i>Pinus canariensis</i>	28.5	42	35	13/13/13/13	A-	B+	Significant	some dead fronds in canopy
28	California fan palm	<i>Washingtonia filifera</i>	32.2	36	30	7/7/7/7	B	B+	Significant	some dead fronds in canopy, sparse
29	Canary Island date palm	<i>Phoenix canariensis</i>	27	28	20	12/12/12/12	A	B	Significant	some dead fronds in canopy, hourglass
30	kurrajong	<i>Brachychiton populneus</i>	8.3	18		8/14/14/10	A	B+	Significant	MPE
31	Victorian box	<i>Pittosporum undulatum</i>	10.8	20		15/13/6/13	A	B-	Significant	mechanical dame, GR, leans N, sunburn canker
32	carrotwood	<i>Cupaniopsis anacardioides</i>	10.5	16		12/12/10/12	B	B	Significant	MPE, MBA, mechanical damage, exposed roots with decay
33	weeping bottlebrush	<i>Callistemon viminalis</i>	14.2	28		10/5/18/17	B+	B	Significant	unbalanced canopy to the S
34	weeping bottlebrush	<i>Callistemon viminalis</i>	19.3	25		12/8/0/25	A	B-	Significant	included bark, MBA, MPE
35	weeping bottlebrush	<i>Callistemon viminalis</i>	8.8	22		11/4/2/10	A-	B+	Significant	unbalanced canopy to the NW
36	weeping bottlebrush	<i>Callistemon viminalis</i>	4, 5.7	18		10/2/0/10	B-	C	Significant	cankers, HR, shaded out
37	weeping bottlebrush	<i>Callistemon viminalis</i>	15.5	25		15/13/11/16	A-	B+	Significant	MPE, cavities
38	weeping bottlebrush	<i>Callistemon viminalis</i>	9.3	20		14/6/3/7	B+	B+	Significant	MPE, some exposed roots
39	weeping bottlebrush	<i>Callistemon viminalis</i>	10.4, 11.5	25		22/3/0/20	A-	B-	Significant	leans NW, large crack on trunk, codoms at 2 feet fused together
40	weeping bottlebrush	<i>Callistemon viminalis</i>	11.1	20		12/15/15/8	A-	B	Significant	trunk leans SE, MPE
41	weeping bottlebrush	<i>Callistemon viminalis</i>	9.6	28		7/10/6/4	A	B+	Significant	MPE
42	weeping bottlebrush	<i>Callistemon viminalis</i>	11.5	25		10/13/3/14	A	B+	Significant	MPE
43	weeping bottlebrush	<i>Callistemon viminalis</i>	11.3	25		15/8/5/10	A	B+	Significant	MPE, leans NW
44	weeping bottlebrush	<i>Callistemon viminalis</i>	11.1	22		15/3/0/12	A	B+	Significant	MPE, leans NW, small hanger in canopy
45	Chinese elm	<i>Ulmus parvifolia</i>	14	25		15/7/0/18	B-	B	Significant	MPE, a bit sparse, some deadwood in upper canopy
46	Chinese elm	<i>Ulmus parvifolia</i>	12.6	25		15/15/15/25	B	B	Significant	MPE, a bit sparse, some deadwood in upper canopy
47	Chinese elm	<i>Ulmus parvifolia</i>	11.6	22		15/12/12/15	B	B	Significant	MPE, a bit sparse, some deadwood in upper canopy

Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (dbh) In inches	Overall Height	Brown Trunk Height (just for palms)	Canopy Spread (N/E/S/W)	Health	Structure	"Protected" or "Significant"	Comments
48	Chinese elm	<i>Ulmus parvifolia</i>	16.8	30		32/15/23/28	B	B	Significant	MPE, a bit sparse, some deadwood in upper canopy
49	Chinese elm	<i>Ulmus parvifolia</i>	15.3	35		15/13/30/16	B	B	Significant	MPE, a bit sparse, some deadwood in upper canopy
50	Chinese elm	<i>Ulmus parvifolia</i>	8.4	20		14/8/10/15	B-	B-	Significant	sparse, EG
51	Indian laurel fig	<i>Ficus microcarpa</i>	25.2	40		22/10/8/25	A	B	Significant	pruned for building clearance, diameter measured at 2.5 feet, MPE, MBA
52	Indian laurel fig	<i>Ficus microcarpa</i>	25.5	35		22/15/10/18	A	B	Significant	pruned for building clearance, diameter measured at 2 feet, MPE, MBA
53	carrotwood	<i>Cupaniopsis anacardioides</i>	9.8	18		15/12/8/12	B	B	Significant	MPE, MBA, EG, cracked limb on W side recommended for removal
54	Chinese elm	<i>Ulmus parvifolia</i>	8.5, 8.7	20		21/18/18/20	A-	B	Significant	minor GR, codoms at 2 feet, MPE
55	carrotwood	<i>Cupaniopsis anacardioides</i>	9	16		12/12/14/16	B	B	Significant	EG, mechanical damage, MPE
56	carrotwood	<i>Cupaniopsis anacardioides</i>	8.4	16		12/12/10/12	A-	B+	Significant	EG, mechanical damage, MPE
57	weeping bottlebrush	<i>Callistemon viminalis</i>	11.3	20		10/15/10/12	A	B+	Significant	some exposed roots, MPE
58	weeping bottlebrush	<i>Callistemon viminalis</i>	10.2	22		10/10/12/12	B-	B-	Significant	a bit sparse, small GR, MPE
59	carrotwood	<i>Cupaniopsis anacardioides</i>	10	20		12/12/12/12	A-	B	Significant	HOB, MPE, EG
60	weeping bottlebrush	<i>Callistemon viminalis</i>	15	30		12/10/14/16	A-	B	Significant	exposed roots with minor decay, unbalanced canopy to S, MPE, large seam on N trunk
61	lemon bottlebrush	<i>Callistemon citrinus</i>	8.7, 8.1, 6, 10.1	25		10/15/10/15	A	B	Significant	codoms at base, MPE, one trunk removed, EG
62	lemon bottlebrush	<i>Callistemon citrinus</i>	10.1	20		10/10/9/8	B+	B-	Significant	two large trunks removed or failed, MPE
63	lemon bottlebrush	<i>Callistemon citrinus</i>	5.2, 8.5, 4.5, 5.7, 5.6	16		10/12/10/10	A	B	Significant	codoms at base, one trunk removed or failed, MPE
64	Chinese elm	<i>Ulmus parvifolia</i>	18	22		12/17/20/15	B+	B-	Significant	MPE, a bit sparse, some deadwood in upper canopy, topped
65	carrotwood	<i>Cupaniopsis anacardioides</i>	11.3	20		15/12/13/14	A-	B	Significant	EG, MBA, MPE
66	carrotwood	<i>Cupaniopsis anacardioides</i>	8.7	18		12/12/12/12	B	B	Significant	EG, mechanical damage, MPE
67	Western sycamore	<i>Platanus racemosa</i>	5.8	22		10/12/14/10	B+	B	Protected	appears planted, a bit sparse, CLPD
68	Victorian box	<i>Pittosporum undulatum</i>	12.8, 10.3	40		12/12/7/3	B+	C+	Significant	pruned for building clearance, MPE, EG, decay at base, codoms at 1.5 feet, COD
69	Victorian box	<i>Pittosporum undulatum</i>	12.2	30		12/16/6/3	A-	B	Significant	pruned for building clearance, MPE, EG,
70	Victorian box	<i>Pittosporum undulatum</i>	12.5, 15.1	40		6/14/18/0	B-	D	Significant	pruned for building clearance, MPE, EG, codoms at 1 foot, cavities, some deadwood in upper canopy, deadwood at base, southern trunk should be removed
71	Chinese elm	<i>Ulmus parvifolia</i>	6.4, 7, 4.2, 3.8, 5.4, 4	25		22/18/15/18	B-	C+	Significant	codoms at base, sparse, mechanical damage, HOB, decay throughout

Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (dbh) In inches	Overall Height	Brown Trunk Height (just for palms)	Canopy Spread (N/E/S/W)	Health	Structure	"Protected" or "Significant"	Comments
72	laurel leaf snailseed	<i>Cocculus laurifolius</i>	2, 3.2, 2.2, 3.6	14		10/11/3/5	B-	B-	Significant	sparse, partially shaded out, codoms at base
73	laurel leaf snailseed	<i>Cocculus laurifolius</i>	2.8, 3.1, 4.6	15		11/5/8/0	B	B-	Significant	sparse, partially shaded out, codoms at base
74	laurel leaf snailseed	<i>Cocculus laurifolius</i>	3.8, 3, 3.9	14		8/9/6/13	B	B	Significant	sparse, partially shaded out, codoms at base
75	laurel leaf snailseed	<i>Cocculus laurifolius</i>	3.8, 5.5	16		5/8/10/8	A-	B	Significant	sparse, partially shaded out, codoms at base
76	mulberry	<i>Morus alba</i>	9	18		0/0/0/0	F	F	Significant	standing dead
77	mulberry	<i>Morus alba</i>	11	18		10/10/20/23	B-	C	Significant	HOB, sparse, MPE, large tear
78	red river gum	<i>Eucalyptus camaldulensis</i>	41	50		20/30/20/25	A	B	Significant	MBA, MPE, tears throughout, cracks on trunk, HOB
79	red river gum	<i>Eucalyptus camaldulensis</i>	41.5	60		18/20/35/25	B	B	Significant	MBA, MPE, HOB
80	red river gum	<i>Eucalyptus camaldulensis</i>	44.5	55		25/28/28/26	B	B	Significant	MBA, MPE, HOB, codom trunks fused together
81	lemon scented gum	<i>Corymbia citriodora</i>	8.8, 8.9, 9	40		26/22/28/12	A-	B	Significant	codoms at base, MPE
82	lemon scented gum	<i>Corymbia citriodora</i>	10.5, 11.6	40		18/25/28/12	A-	B	Significant	codoms at 1.5 feet, MPE
83	lemon scented gum	<i>Corymbia citriodora</i>	17	45		0/15/30/22	A	B	Significant	leans S, MPE
84	Arizona ash	<i>Fraxinus velutina</i>	13.6	22		14/13/12/12	B	B	Significant	minor decay at base, MPE, EG
85	Arizona ash	<i>Fraxinus velutina</i>	8.5	18		10/10/10/10	B	C	Significant	EG, MPE, cavity on S trunk, termites at base, deadwood
86	Arizona ash	<i>Fraxinus velutina</i>	13.7	28		15/15/18/6	B	B	Significant	unbalanced canopy to NE, MPE, some deadwood
87	Arizona ash	<i>Fraxinus velutina</i>	23.5	35		15/18/21/15	B	B	Significant	some exposed roots, MPE, HOB, EG
88	Indian laurel fig	<i>Ficus microcarpa</i>	34.5	40		20/25/43/32	A	B	Significant	pruned for building clearance, MPE, MBA, EG, CLPD
89	Canary Island date palm	<i>Phoenix canariensis</i>	24	36	30	13/13/13/13	A	B+	Significant	
90	Arizona ash	<i>Fraxinus velutina</i>	13.6	22		12/14/11/12	B+	C	Significant	COD, one large trunk gone, EG
91	mulberry	<i>Morus alba</i>	7, 8.5, 9.6	18		15/22/20/15	B	D	Significant	large crack at base between codoms, decay, MPE, EG, pruned for building clearance
92	laurel leaf snailseed	<i>Cocculus laurifolius</i>	7, 7.1, 6.5, 4.5	20		15/15/20/23	B	B-	Significant	cottony cushion scale, codoms at base, pruned for building clearance, growing into adjacent shade cover
93	purple orchid tree	<i>Bauhinia variegata</i>	3.2, 5.8	18		17/15/8/16	B-	B-	Significant	moderate dieback, previous container plant that has since rooted into the ground
94	carrotwood	<i>Cupaniopsis anacardioides</i>	8.4	20		10/10/10/10	A-	B	Significant	EG, MPE
95	carrotwood	<i>Cupaniopsis anacardioides</i>	14.4	25		15/23/20/10	A	B+	Significant	MPE
96	carrotwood	<i>Cupaniopsis anacardioides</i>	11.1	28		18/12/21/17	A	B	Significant	MPE, mechanical damage

Tree #	Common Name	Botanical Name	Diameter at 4.5 feet (dbh) In inches	Overall Height	Brown Trunk Height (just for palms)	Canopy Spread (N/E/S/W)	Health	Structure	"Protected" or "Significant"	Comments
97	mulberry	<i>Morus alba</i>	5, 6.8, 4.6, 8	22		0/8/16/8	C+	C+	Significant	sparse, codoms at base, deadwood, moderate dieback, topped
98	mulberry	<i>Morus alba</i>	11.1	18		5/6/6/10	C+	C+	Significant	sparse, deadwood, moderate dieback, topped
99	mulberry	<i>Morus alba</i>	6.5, 8	16		0/18/13/0	B-	C+	Significant	heavy lean E, sparse, EG, MPE
100	pecan	<i>Carya illinoensis</i>	4.1, 6.6, 6.6	30		15/18/17/12	A	B-	Significant	codoms at base, EG, MPE, topped, girdled by wire on southern trunk
101	Arizona ash	<i>Fraxinus velutina</i>	33.8	55		21/20/28/21	A-	B+	Significant	MPE, EG, minor dieback
102	Victorian box	<i>Pittosporum undulatum</i>	11, 11.4	25		13/11/8/6	B	B-	Significant	topped, MPE, pruned for building clearance, sunburn canker, one large dead branch, exposed roots with decay
103	Siberian elm	<i>Ulmus pumila</i>	48.3	25		15/15/6/18	B-	C+	Significant	MPE, topped, EG, termites, deadwood, exposed roots with decay, diameter measured at 2.5 feet, 3 codoms at 5 feet, bees in cavity
104	Canary Island date palm	<i>Phoenix canariensis</i>	25	36	30	13/13/13/13	A	B+	Significant	
105	Canary Island date palm	<i>Phoenix canariensis</i>	26.5	40	35	13/13/13/13	A	B+	Significant	slight hourglass
106	Canary Island date palm	<i>Phoenix canariensis</i>	25.7	36	30	10/10/10/10	B-	B-	Significant	sparse, slight hourglass
107	Canary Island date palm	<i>Phoenix canariensis</i>	27.7	32	25	12/12/12/12	A	B+	Significant	diameter measured at 5 feet above advantageous roots
108	Victorian box	<i>Pittosporum undulatum</i>	17	28		10/12/22/16	A-	B	Significant	exposed roots, leans E, MPE, HOB, cavity at base
109	Victorian box	<i>Pittosporum undulatum</i>	6, 6.5	16		8/8/5/13	B+	C	Significant	sunburn, multiple trunks removed, deadwood
110	Victorian box	<i>Pittosporum undulatum</i>	3.4, 4.4, 4.6	16		5/7/7/10	B	C	Significant	sunburn, multiple trunks removed, deadwood
111	pecan	<i>Carya illinoensis</i>	13.8, 12, 13.6, 11.3	35		18/25/27/33	B	B	Significant	leaf pest throughout, codoms at 1 foot, MPE
112	Arizona ash	<i>Fraxinus velutina</i>	23.8	35		18/25/28/15	A	B+	Significant	MPE, EG
113	Arizona ash	<i>Fraxinus velutina</i>	9.3, 12, 12.5, 15.8, 7.5	35		15/24/23/17	A-	B	Significant	codoms at base, MPE, EG
114	Arizona ash	<i>Fraxinus velutina</i>	20.8	35		12/10/13/16	A-	B	Significant	exposed roots, MPE, EG
115	coast live oak	<i>Quercus agrifolia</i>	9.7, 10	20		15/15/15/18	A-	B	Protected	trunks fused, sycamore borer, MPE, EG
116	Chinese elm	<i>Ulmus parvifolia</i>	9.9, 10, 6.5	28		15/17/18/21	A	B+	Significant	EG, MPE, SS
117	Victorian box	<i>Pittosporum undulatum</i>	9	18		10/7/12/7	B	B-	Significant	sunburn, COD, HOB, one large trunk gone, MPE
118	Queensland pittosporum	<i>Auranticarpa rhombifolia</i>	4.7, 7.8	18		10/12/8/6	A-	B	Significant	small GR, crack on N trunk
119	Mondell pine	<i>Pinus eldarica</i>	19.5	20		8/8/24/20	B	B-	Significant	leans SW, rope tied around trunk, moderate dieback
120	Chinese elm	<i>Ulmus parvifolia</i>	12, 20	32		30/18/25/24	B	B	Significant	diameters estimated, SS, MPE, HOB, covered in asparagus fern, large seam on N trunk

TREE PHOTOGRAPHS

See Tree Inventory Key Plan on 2.4.20 for reference.



Tree 1



Tree 2



Tree 3



Tree 4



Tree 5



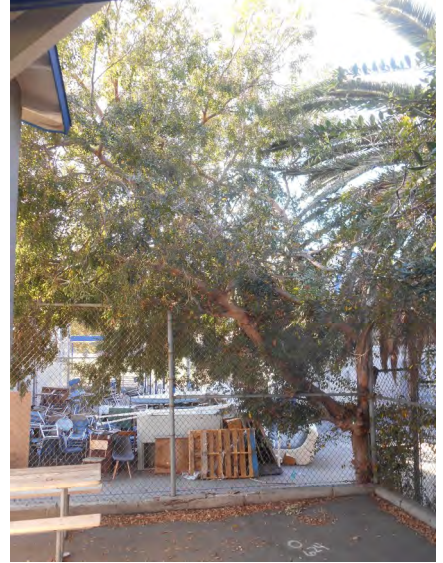
Tree OS6



Tree OS7



Tree OS8



Tree 9



Tree OS10



Tree 11



Tree 12



Tree 13



Tree 14



Tree 15



Tree 16



Tree 17



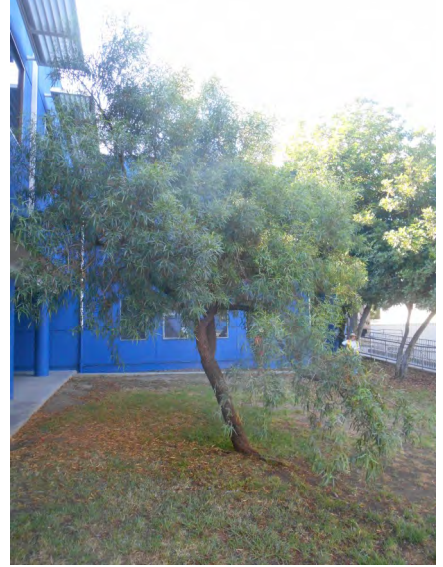
Tree 18



Tree 19



Tree 20



Tree 21



Tree 22



Tree 23



Tree 24(L)



Tree 25



Tree 26



Tree 27



Tree 28



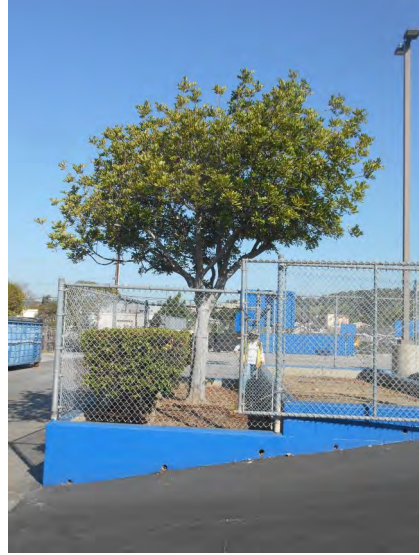
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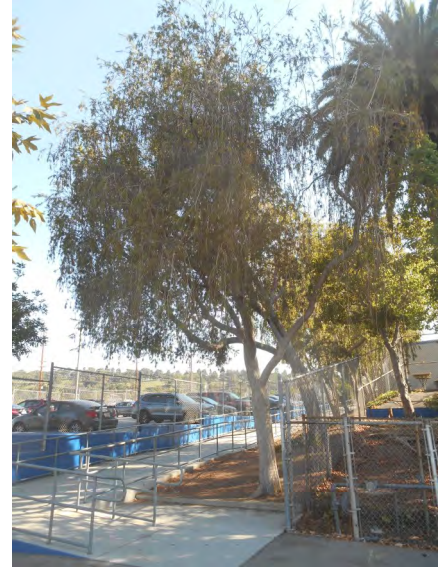
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Tree 31



Tree 32



Tree 33



Tree 34



Tree 35



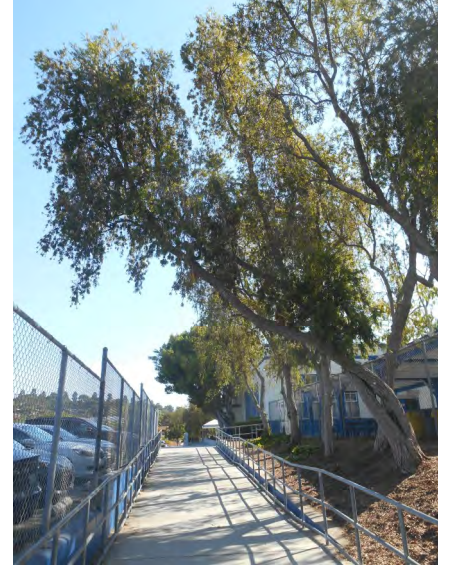
Tree 36



Tree 37



Tree 38



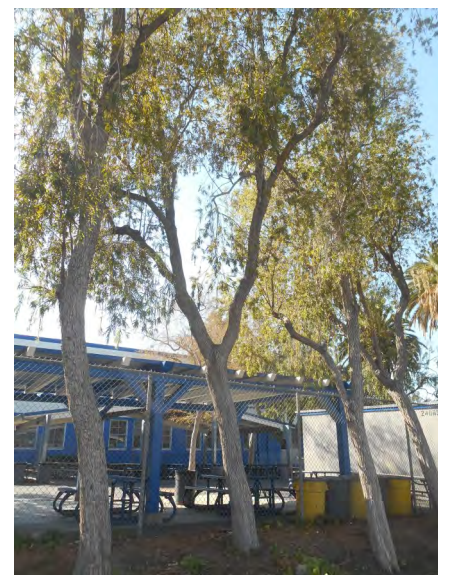
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Tree 40



Tree 41



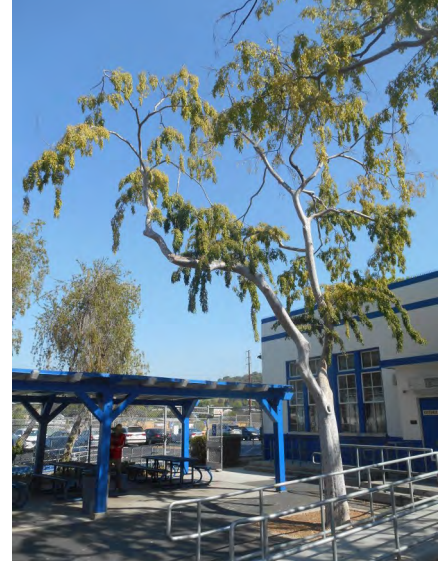
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Tree 43



Tree 44



Tree 45



Tree 46



Tree 47



Tree 48



Tree 49



Tree 50



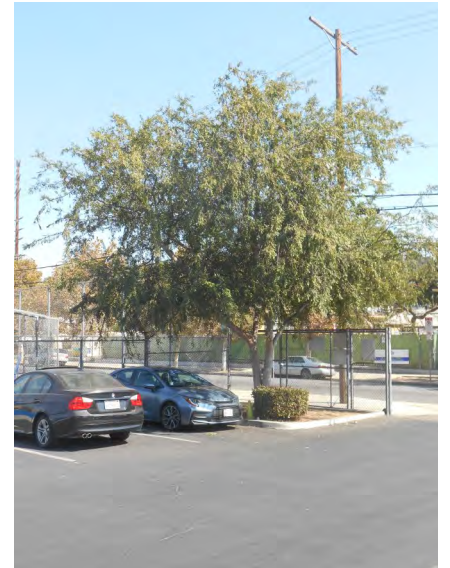
Tree 51



Tree 52



Tree 53



Tree 54



Tree 55



Tree 56



Tree 57



Tree 58



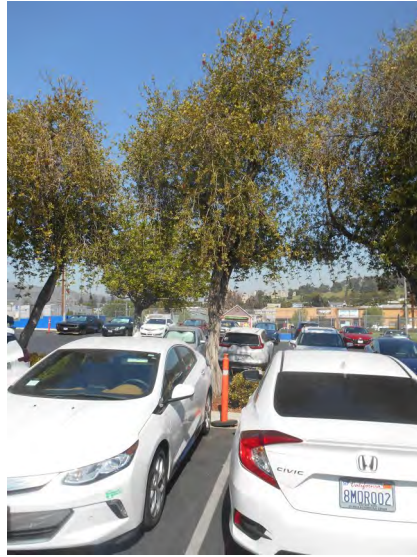
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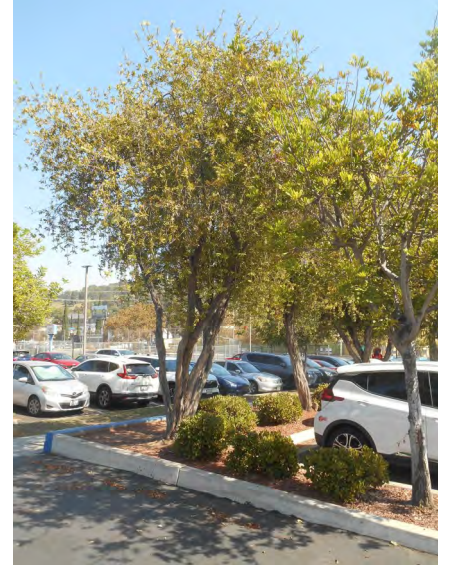
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Tree 61



Tree 62



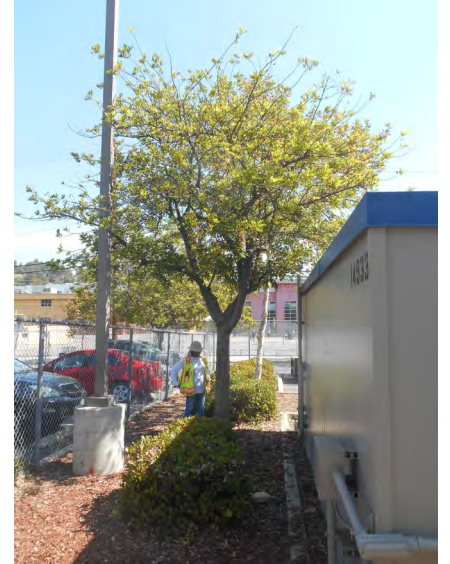
Tree 63



Tree 64



Tree 65



Tree 66



Tree 67



Tree 68



Tree 69



Tree 70



Tree 71



Tree 72



Tree 73



Tree 74



Tree 75



Tree 76



Tree 77



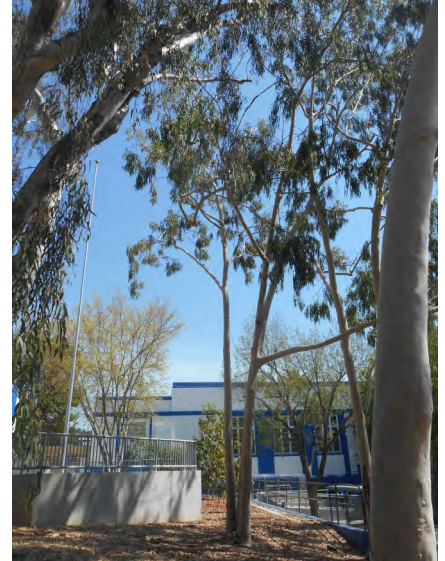
Tree 78



Tree 79



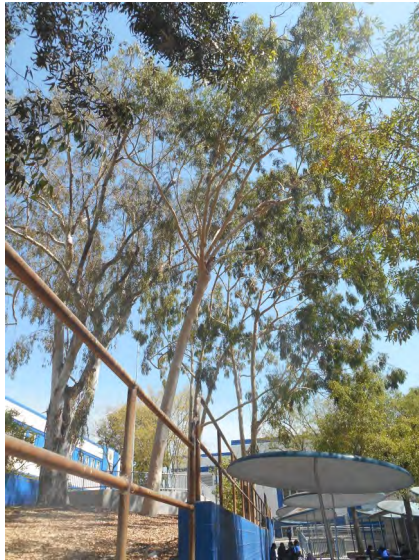
Tree 80



Tree 81



Tree 82



Tree 83



Tree 84



Tree 85



Tree 86



Tree 87



Tree 88



Tree 89



Tree 90



Tree 91



Tree 92



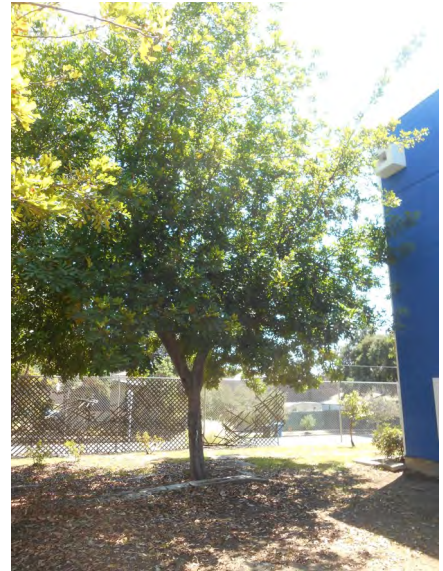
Tree 93



Tree 94



Tree 95



Tree 96



Tree 97



Tree 98



Tree 99



Tree 100



Tree 101



Tree 102



Tree 103



Tree 104



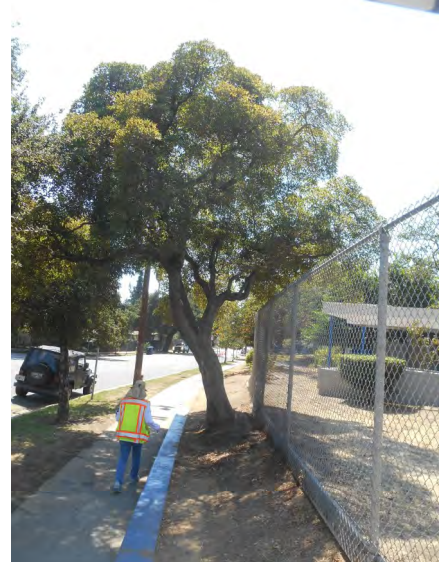
Tree 105



Tree 106



Tree 107



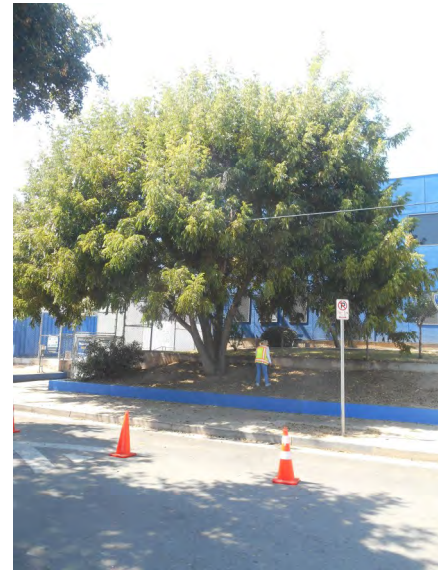
Tree 108



Tree 109



Tree 110



Tree 111



Tree 112



Tree 113



Tree 114



Tree 115



Tree 116



Tree 117



Tree 118



Tree 119



Tree 120

**GEOTECHNICAL INVESTIGATION
FOR
IRVING MIDDLE SCHOOL MODERNIZATION
IRVING MIDDLE SCHOOL
3010 ESTARA AVENUE
LOS ANGELES, CA 90065**

for

Los Angeles Unified School District
333 S. Beaudry Ave.
Los Angeles, CA 90017

February 15, 2022
Updated January 18, 2023
Revised March 23, 2023

21-1331-01



RMA Group

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February 15, 2022
Updated January 18, 2023
Revised March 23, 2023

Los Angeles Unified School
District 333 S. Beaudry Ave.
22nd Floor
Los Angeles, CA 90017

Attention: Peyman Soroosh Moghadam

Subject: Geotechnical and Geohazards Investigation for
Irving Middle School Modernization
3010 Estara Avenue
Los Angeles, CA 90065

Dear Mr. Moghadam:

In accordance with your request, a geotechnical and geohazards investigation has been completed for the above referenced project. The report addresses both engineering geologic and geotechnical conditions. The results of the investigation are presented in the accompanying report, which includes a description of site conditions, results of our field exploration, laboratory testing, conclusions, and recommendations.

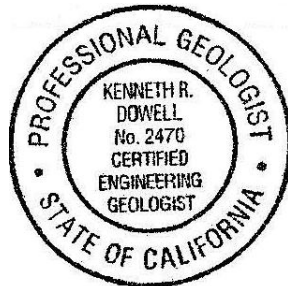
This report has been updated with data from six additional borings completed in December 2022 and January 2023.

We appreciate this opportunity to be of continued service to you. If you have any questions regarding this report, please do not hesitate to contact us at your convenience.

Respectfully submitted,

RMA Group

Ken Dowell, PG | CEG
Project Geologist
CEG 2470



Jorge Meneses, PE | GE | PhD | D.GE | F. ASCE
Principal Geotechnical Engineer
GE 3041



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1.00 INTRODUCTION

1.01 Purpose

A geotechnical and geohazards investigation has been completed for the modernization of Irving Middle School in Los Angeles, California (Figure 1). The purpose of the investigation was to summarize geotechnical and geologic conditions at the site, to assess their potential impact on the proposed development, and to develop geotechnical and engineering geologic design parameters. This report has been further updated with data obtained by six additional borings completed in December 2022 and January 2023.

1.02 Scope of the Investigation

The general scope of this investigation included the following:

- Review of published and unpublished geologic, seismic, groundwater and geotechnical literature.
- Review of a prior geohazards investigation prepared by this office dated November 30, 2018 for the existing modular buildings in the west side of campus. Investigation included 1 soil boring and 3 CPTs. The location of the prior boring and CPTs are included on Figure 2 and copies of the logs are included in Appendix A.
- Examination of aerial photographs.
- Contacting of underground service alert to locate onsite utility lines.
- Obtaining a well construction permit from the County of Los Angeles Environmental Health Department.
- Scanning of the proposed boring locations with ground penetrating radar.
- Logging, sampling and backfilling of 9 exploratory borings drilled with a CME-75 drill rig and 6 exploratory borings drilled with a limited access tracked auger drill rig.
- Advancement of 12 cone penetrometer (CPT) soundings.
- Completion of a Geophysical Survey consisting of 5 seismic lines (Figure 2). Seismic lines 1-4 are included in Appendix A, Seismic line 5, on the west side of campus along West Avenue 32 is not included due to subsurface utilities that created unusable data.
- Laboratory testing of representative soil samples.
- Geotechnical evaluation of the compiled data.
- Preparation of this report presenting our findings, conclusions and recommendations.

Our scope of work did not include a preliminary site assessment for the potential of hazardous materials onsite.

1.03 Site Location and Description

Irving Middle School is located at 3010 Estara Avenue, Los Angeles, California. Its geographic position is at latitude 34.11664° and longitude -118.24244°. The approximate location of the campus is shown on Figure 1.

The school is bounded by Fletcher Drive to the north, Estara Avenue to the east, Marguerite Street to the south, and West Avenue 32 to west. Retail and residential properties are located to the west of campus at the intersection of

Fletcher and West Avenue 32 and are not part of this study. The campus consists of 11 permanent buildings and 6 portable buildings on 11.18 acres (Figure 2). The vegetation consists of some shrubs and trees around the perimeter and scattered throughout the grounds of the campus. A grass athletic field is located at the north corner of campus and an artificial turf field of located at the south corner of campus.

1.04 Current and Past Land Usage

The Administration Building, Auditorium, Shop 1 and 2 Buildings and PE Building are part of the original construction at the campus, being completed in 1937 and constructed on the south and east portion of the campus. Shop #3 Building was constructed in the late 1950's on the west side of campus. The Classroom and Homework Buildings were constructed in the late 1950's on the south side of campus. The new Classroom Building, located between the PE Building and Classroom and Homework Buildings was constructed in the late 1980's.

The portable buildings have occupied the northwest area of the campus since at least 1972 and the number of units has fluctuated during that time period.

1.05 Planned Usage

It is our understanding that the proposed project will consist of the seismic evaluation for the eventual modernization of the Administration Building, PE Building and Auditorium (Figure 2).

Our investigation was performed prior to the preparation of grading or foundation plans. To aid in preparation of this report, we utilized the following assumptions:

- Maximum foundation loads of 2 to 3 kips per linear foot for continuous footings and 60 kips for isolated spread footings.
- Cuts and fills will be less than 5 feet.

1.06 Investigation Methods

Our investigation consisted of office research, field exploration, laboratory testing, review of the compiled data, and preparation of this report. It has been performed in a manner consistent with generally accepted engineering and geologic principles and practices, and has incorporated requirements of California Geological Survey Note 48 and the 2022 California Building Code (CBC). Definitions of technical terms and symbols used in this report include those of the ASTM International, the California Building Code, and commonly used geologic nomenclature.

Technical supporting data are presented in the attached appendices. Appendix A presents a description of the methods and equipment used in performing the field exploration and logs of our subsurface exploration. Appendix B presents a description of our laboratory testing and the test results. Appendix C presents our General Earthwork and Grading Specifications. Appendix D presents the results of site-specific seismic hazard analysis including the development of design acceleration response spectra for this project. Seismically induced settlement calculations, and References are presented in Appendices E and F, respectively.

2.00 FINDINGS

2.01 Geologic Setting

The site is located on the Los Angeles coastal plain. This plain is lowland that gently slopes seaward. It is underlain by as much as about 30,000 feet of sediments that rest on granitic and metamorphic basement rocks. The plain is bounded by the Santa Monica Mountains to the north, the Puente Hills to the east, the Santa Ana Mountains and San Joaquin Hills to the south, and the Palos Verde Hills and Pacific Ocean shoreline to the west. The dominant structural feature of the Los Angeles coastal plain is the northwest trending Newport-Inglewood fault zone.

The campus is located on the east side of the Los Angeles River Valley between the eastern edge of the San Gabriel Mountains and the west edge of the Repetto Hills.

2.02 Earth Materials

Our subsurface investigation encountered surficial asphalt and concrete typically between 2 to 4 inches thick over up to 6 inches of base. Specific surface conditions are described on the boring logs with thickness of any surface pavement at the location of the borings. Our borings and CPTs also encountered artificial fill (disturbed soil), older alluvium and sedimentary bedrock.

Artificial fill or soil disturbed by prior construction was encountered throughout the site to a depth of about 4 feet. It consisted of brown sandy clay and based upon appearance was derived from the onsite sandy clay older alluvium.

Regional geologic mapping by Bedrossian, et al in CGS Special Report 217: Geologic Compilation of Quaternary Surficial Deposits in Southern California (2012 Revision) (Figure 3) indicates the site is underlain by late to middle Pleistocene older alluvium. Other regional mapping prepared by Dibblee, 1989, (Figure 4) indicates the site underlain by Holocene alluvium. Lamar (Figure 5) in his 1970 geologic map indicates the site is underlain by Pleistocene old alluvium.

The older alluvium typically encountered in our borings north of the fault consisted of clay from a depth of 4 to 17 feet, silty sand from a depth of 17 to 30 feet, clayey sand from 30 to 39 feet, and clay from 44 to 50.5 feet. CPT soundings classify the majority of the alluvium as clay, silty clay and as very dense/stiff soil which is generally consistent with the soil types encountered in our borings. The blow counts of the soil in the borings and the data from the CPT logs indicate that the clay and lean clay were typically very stiff to hard and the silty sand was medium dense to very dense. The CPT logs, particularly those in the north of half of campus encountered a layer of silty sand that was typically 1-2 feet thick and was encountered at depth of 13 to 17 feet. Based upon the soil data from the boring and CPT logs we concur with the more recent mapping of Bedrossian and Rofers and Lamar to classify the soil as older alluvium.

Sandstone bedrock was encountered in the borings B-1, B-6 and B-20 and CPTs CPT-2 through CPT-8 at around 30 feet below the ground surface. In the remaining borings and CPTs the bedrock was encountered at depths of 50 feet or not encountered to the depth explored. Regional mapping by Lamar shows the nearest mapped bedrock unit is the Topanga formation. We have adopted that as our classification of the bedrock unit.

A Site Geologic Map showing the locations of our borings, soundings and cross sections is presented as Figure 2. Two geologic cross sections are presented as Figures 6 and 7.

The subsurface soils encountered in our exploratory borings and soundings are described in greater detail on the logs contained in Appendix A.

2.03 Expansive Soils

Expansion testing performed in accordance with ASTM D4829 indicates that earth materials underlying the site have an expansion classification of low.

Results of expansion test and other soil index tests are presented in Appendix B. Since site grading will redistribute earth materials, potential expansive properties should be verified at the completion of rough grading.

2.04 Surface and Groundwater Conditions

Perched water layers were encountered in B-14, B-17, B-21, B-22, B-23, and B-24 around 16 to 20 feet. The seismic lines indicated a layer of water at about 17 to 20 feet. We have interpreted this as a perched layer of water based upon the changes in moisture content in the samples from the borings where moisture increased in this zone and then dropped in samples collected below 20 feet. The samples from this zone did not indicate free water either in the boring or in the samples. This increase in moisture was not found in Boring B-1, B-6 or B-20. Additionally, no free water was encountered in the borings and CPTs at their conclusion. Therefore, we have classified this as a perched layer of water, most likely from thin interbedded coarse sediment layers of sand or silty sand as illustrated in the CPTs.

According to the California Division of Mines and Geology (1998), the highest historic groundwater level beneath the site has been about 25 feet below the ground surface (Figure 8).

2.05 Faults

The site is located within the boundaries of the current (2017) State Alquist-Priolo Earthquake Fault Zone for fault-rupture hazard (Figure 10). Current Alquist-Priolo fault traces are mapped in the southern portion of campus, entering campus just south of Shop Building 3 and exiting just west of the new Classroom Building and the other fault through the grass athletic field from west to east on the north side of campus.

The southerly mapped fault is believed to be a part of the Hollywood Fault and the northerly trace is believed to be a part of the Raymond Fault. Plate 1 of California Geological Survey Fault Evaluation Report FER 260 (Figure 12) shows two other locations for the Hollywood and Raymond faults possibly passing through the school site based upon regional geologic mapping by others. Additional regional mapping by Weber (Figure 11) indicates a fault passing through the west side as shown on the Earthquake Hazard Map and maps the other fault to the north of the campus, Dibblee maps a fault through the north side of campus, Lamar does not map a fault through the site and neither does Bedrossian and Roffers (Figure 3). Figure 11 shows the site with faults included in Plate 1 of Fault Evaluation Report FER-260 including the location of the faults as mapped by Webber (1989), Weaver and Dolan (2002), Hill (1979), Dibblee (1989) and Lamar (1970). The regional mapping does not seem to have a consensus location for the faults in the area and location of the faults are based upon reports from properties in the vicinity of the campus and aerial photography and historic topographic map interpretations. Plate 1 shows the faults as dashed meaning the locations are approximate. No specific investigations are listed at the campus.

The Raymond and Hollywood faults are classified as left-lateral faults with minor elements of reverse slip. According

to the Southern California Earthquake Center (SCEC), prior investigations along with seismic data for the Raymond Fault has indicated evidence of eight subsurface ruptures in the last 36,000 years and the most recent significant event was the 1988 Pasadena Earthquake epicentered 6.3 miles east-northeast of the campus with an epicenter of 16 kilometers below the ground surface. A copy of the map associated with the CGS's Historic Online Database is included as Figure 14 and indicates the closest historic earthquake to the campus as the 1988 Pasadena Earthquake.

The accompanying Regional Fault Map (Figure 9) illustrates the location of the site with respect to major faults in the region. The distance to notable faults within 100 kilometers of the site is presented on Table 1.

2.05.1 Fault Investigation

Since the school is located within Earthquake Fault Zone, we prepared a field exploration program to investigate the locations of the mapped faults within the school. Because the school is currently active with students and contains many structures and surface improvements including concrete and asphalt paving and artificial grass athletic surfaces, we were unable to perform the fault investigation using a typical fault trench excavated across the site. Instead we utilized a series of 5 geophysical seismic refraction lines, 15 continuously logged hollow stem auger borings and 12 CPTs along with the boring and CPTs from our prior investigation at the campus to investigate the subsurface strata (Figure 2). Logs of the borings, CPTs and seismic lines are included in Appendix A.

2.05.2 Sequence of Investigation

The sequence of our investigation consisted of review of published references and reports, examination of aerial photographs, subsurface investigation, geologic analysis and preparation of this report. These stages of investigation are described below.

2.05.3 Review of Fault Evaluation Reports

The California Geological Survey prepared Fault Evaluation Report FER-260 for the Hollywood and Raymond Faults. Plate 1 of FER 260 (Figure 12) indicates three possible fault traces crossing the site and a fourth passing just north of the north side of the campus and indicates three prior investigations located 0.6 to 0.75 miles to the west of the campus. Of the three, one at Atwater Elementary School was characterized as possible Holocene activity, one was reported as no faulting found and the third was labeled as having insufficient data for fault determination. Due to the developed nature of Atwater school and for a multi-family residential development at Kazaz Lane and Casitas Avenue, investigations at those sites included CPT and boring transects as the primary investigation technique.

According to FER 260 the investigation at Atwater Elementary School included a significant drop in groundwater levels from 24 to 42 feet below ground surface in the southern portion of the site. Radiocarbon dating of samples collected from the borings indicated Holocene alluvium extends to a depth to about 40 to 50 feet. They also indicated that the site investigation did not encounter marker beds that would indicate displacement and ultimately indicated that the presence of faulting at the site was inconclusive.

2.05.4 Analysis of Aerial Photography and Historic Topographic Maps

Examination of aerial photography was performed to identify topographic and vegetation lineaments that might be indicative of the presence of near surface faulting. Unfortunately development in the area of the campus predates the earliest aerial photograph (1938) reviewed for this study. Consequently, lineaments that might have existed in

the vicinity of the campus have been obliterated.

Weber (1980) describes the Hollywood fault near the campus as “the trace of the principal fault of the Hollywood fault zone probably lies at the south edge of a topographic prominence on which Irving Junior High School is located; the conjectural fault projected through the swale at the north edge of the prominence may be a secondary fault of the zone” (Indicated as 93a of his map (Figure 11)). This south edge of a topographic high is seen on the 1936 topographic map and is in the approximate location of the fault as determined by our subsurface data discussed below.

The campus is located on a topographic hill. A copy of the original topographic map prepared for the construction of the campus, dated 1936 is included as Figure 13 and includes the identified fault trace through the campus, which based upon our data discussed below indicates a fault roughly along the south edge of the hill as described by Weber.

2.05.5 Geologic Reconnaissance

Our geologic reconnaissance in the vicinity of the campus confirmed that the area has been heavily modified by anthropic activities. Features suggestive of faulting were not found, specifically building or pavement cracking, offset fractures or other distress to the existing surface improvements and structures.

We did observe a topographic high as described by Weber and shown on the topographic map; however the current topography has been modified by further construction at the campus.

A reconnaissance of the immediate area surrounding the site was done of the surrounding roads. Breaks in slope in the roads were not observed within 200 feet of the site, although again, the area around the school has been developed and specific natural topography has been altered due to the development.

A reconnaissance of the exterior of the buildings at the campus was done during our field investigation for indications of stress on the building such as cracking of the exterior walls and out of square window and door openings, etc. Specific indications of these items were not observed. Further, surface cracking of existing pavements in the area of the mapped fault were not observed.

2.05.6 Subsurface Investigation

Due to the developed nature of the site we completed a series of borings and CPTs across the campus as shown in Figure 2. Five seismic lines were completed, with 3 along the south and west perimeter of the campus, in the landscaped areas between the road and sidewalk. One seismic line along West Avenue 32 was unusable due to interference in the data from a subsurface utility, possibly a concrete storm drain. The last of the seismic lines was placed to transect the athletic field on the north side of campus, perpendicular to the mapped trace of the Raymond fault included in the State’s Earthquake Hazard Zones map.

The locations of the borings, CPTs and seismic lines were positioned to create a transect across the campus, roughly perpendicular to mapped fault traces shown on the State’s Earthquake Hazard Zones map for the Los Angeles Quadrangle (Cross section A-A’ on Figure 6).

The borings and CPTs were advanced to 36.5 to 50 feet along this transect. CPT 4 met with refusal at less than 5 feet due to a manmade subsurface structure and was abandoned after 3 attempts were made to advance a CPT in this

area. Some borings and CPTs encountered groundwater as described in Section 2.04. These saturated layers were generally encountered at depth 15 to 20 feet and were observed to have elevated moisture contents in the samples collected. The general stratigraphy encountered in the borings and CPTs and modeled by the seismic lines are described in Section 2.02.

The borings and CPTs encountered a significant change in stratigraphy between CPT-8 and B-20 and CPT-9. CPT-9 encountered clay to a depth of 39 feet where it encountered very dense/stiff soil (based upon other borings near CPTs this corresponds to the sandstone bedrock). CPT-8 and B-20 encountered similar clay as in CPT-9 then silty sand (very dense/stiff soil) at a depth of 20 feet to 27 feet where sandstone bedrock was encountered. In the CPTs and Borings south and west of CPT-8 and B-20, the sandstone was encountered fairly consistently at 20 feet below the ground surface. Further, there is a difference of about 8 feet between the highest velocity layers encountered shown on the layer velocity model diagrams between the west end of S-2 and the east end of S-3. Additionally, the perched groundwater described in Section 2.04 occurs north of CPT-8 and B-20 and not encountered in the borings and CPTs, including CPT-8 and B-20, in the southern portion of campus.

The borings and CPTs north and east of CPT-9 include a similar stratigraphy of clay to 39 feet or more with bedrock, where encountered, at depths of 39 feet or deeper. South of CPT-8 the stratigraphy includes silty sand at 18 to 20 feet and then sandstone and claystone below 30 feet. Based upon the change in stratigraphy and occurrence of perched groundwater between CPT-8 and CPT-9, B-20 and the change in seismic velocity between S-2 and S-3 we have included a fault zone based upon the location of the CPTs and Seismic Lines (Figure 2). The location of the possible fault trace also mirrors the general stratigraphy shown on the 1936 topographic map (Figure 13).

The CPTs include layers of silty sand in the upper 20 feet north of the possible fault trace, typically 1-2 feet thick in the CPTs and where at depths of about 9 to 10 feet to 15 to 17 feet below the ground surface. South of the fault trace does not include these thin silty sand layers in the upper 20 feet of the CPTs.

2.05.7 Age Dating Techniques

Radiocarbon dating is the preferred method of age dating soil deposits. Unfortunately, the only organic material exposed by the borings consisted by the roots of existing grass sod and trees, which were not suitable for age dating soils since they would not provide an accurate age of the soil. Charcoal or other materials suitable for radiocarbon age dating were not exposed by the borings. Soil profile development is another technique commonly used in southern California for age dating soils. However, as discussed above, surface soil profiles were apparently removed and/or disturbed by placement of fill during the construction of the school beginning in 1938.

2.06 Historic Seismicity

The nearest large historic earthquake in the vicinity of site was the 1855 Los Angeles earthquake which was epicentered approximately 4 miles south of the site. The magnitude of the earthquake was estimated at 7.0. The nearest historic earthquake on the Raymond fault was the 1988 Pasadena earthquake which was epicentered approximately 6.7 miles east-northeast from the site. The magnitude of the earthquake was 5.0. Strong earthquakes that have occurred in this region in historic time and their approximate epicentral distances are summarized in Table 2. Figure 14 includes historic earthquakes within the vicinity of the site.

Our research of regional geologic and seismic data did not reveal any known instances of ground failure within the site associated with regional seismic activity.

Seismic design parameters are presented in Section 3.09.

2.07 Flooding Potential

According to Federal Emergency Management Agency (2008), the site is located within Flood Zone X, which is defined as an area of minimal flood hazard.

Control of surface runoff originating from within and outside of the site should, of course, be included in design of the project.

2.08 Landslides

Due to the low gradient of the site and surrounding area, landsliding is not a hazard at this property.

2.09 Other Geologic Hazard Considerations

California Geological Survey Note 48 (2022) identifies a number of exceptional geologic hazards that can occur at individual sites, but do not occur statewide. Evaluation of these exceptional conditions is referred to as a conditional geologic assessment by Note 48. Specific assessment items listed in Note 48 are addressed in the table below.

CONDITIONAL GEOLOGIC ASSESSMENT

Hazard	Assessment	Reference
Methane gas, hydrogen-sulfide gas, tar seeps	Not applicable, site is not located within an identified oil field and no oil wells are known to be present.	California Department of Conservation, Geologic Energy Management Division, Online Well Finder Map, and Figures 1 and 2.
Volcanic eruption	Not applicable, site is not is a known hazard area for volcanic eruptions.	Miller, 1989 (U.S.G.S. Bulletin 1847)
Flooding	The site is in an area of minimal flood hazard.	See Section 2.07
Tsunami and seiches inundation	Not applicable.	See Section 3.10
Radon-222 gas	Not applicable, typically a concern in the California Coast Ranges.	See Section 2.01 and CGS Note 48.
Naturally occurring asbestos	Not applicable, site is not in an area more likely to contain naturally occurring asbestos.	Churchill and Hill, 2000 (DMG OFR 2000-19).
Hydrocollapse due to anthropic use of water	The regional geologic setting, drilling data and field observation indicate that soils are not likely to experience hydrocollapse.	See Sections 2.01, and 2.02. Appendices A, and B.
Regional land subsidence	Not applicable.	Section 2.01, Figures 2 and 3.
Clays and cyclic softening	Cyclic softening of clay is unlikely due to the stiffness and overconsolidation of the low plasticity clays.	See Section 2.01 and 2.02. Appendix A and B.

3.00 CONCLUSIONS AND RECOMMENDATIONS

3.01 General Conclusion

Based on specific data and information contained in this report, our understanding of the project and our general experience in engineering geology and geotechnical engineering, it is our professional judgment that the proposed development is geologically and geotechnically feasible. This is provided that the recommendations presented below are fully implemented during design, grading and construction.

3.02 General Earthwork and Grading

All grading should be performed in accordance with the General Earthwork and Grading Specifications outlined in Appendix C, unless specifically revised or amended below. Recommendations contained in Appendix C are general specifications for typical grading projects and may not be entirely applicable to this project.

It is also recommended that all earthwork and grading be performed in accordance with Appendix J of the 2022 California Building Code (CBC) and all applicable governmental agency requirements. In the event of conflicts between this report and CBC Appendix J, this report shall govern.

3.03 Earthwork Shrinkage and Subsidence

Shrinkage is the decrease in volume of soil upon removal and recompaction expressed as a percentage of the original in-place volume. Subsidence occurs as natural ground is densified to receive fill. These factors account for changes in earth volumes that will occur during grading. Our estimates are as follows:

- Shrinkage factor = 7%-12% for soil removed and replaced as compacted fill.
- Subsidence factor = 0.1 foot.

The degree to which fill soils are compacted and variations in the insitu density of existing soils will influence earth volume changes. Consequently, some adjustments in grades near the completion of grading could be required to balance the earthwork.

3.04 Removals and Overexcavation

All demolition debris should be cleared and removed from the site. Prior to placement of compacted fills, all loose, or compressible soils will need to be removed down to competent ground. We expect these materials to be 1 to 2 feet deep. Removed and/or overexcavated soils may be moisture-conditioned and recompacted as engineered fill, except for soils containing detrimental amounts of organic material or expansion Index (EI) values greater than 20. In addition to the above requirements, overexcavation will need to meet the following criteria for the building pads, concrete flatwork and pavement areas:

- All footing areas for new buildings, both continuous and spread, shall be undercut, moistened, and compacted as necessary to produce soils compacted to a minimum of 90% relative compaction to a depth of 5 feet below the bottom of the footing. Footing areas shall be defined as the area extending from the edge of the footing for a distance of 5 feet, except where existing building footing occur, then these areas should extend up to the existing footings without undermining the existing footing.

- All new footings for existing buildings, both continuous and spread, shall be undercut, moistened, and compacted as necessary to produce soils compacted to a minimum of 90% relative compaction to a depth of 2 feet below the bottom of the footing. Footing areas shall be defined as the area extending from the edge of the footing for a distance of 2 feet, except where existing building footing occur, then these areas should extend up to the existing footings without undermining the existing footing. Specific instances where the above recommendations conflict with existing improvements should be reviewed by the Geotechnical Engineer and recommendations revised accordingly.
- All floor slabs, concrete flatwork and paved areas shall be underlain by a minimum of 24 inches of soil compacted to a minimum of 90% relative compaction.

The exposed soils beneath all overexcavation should be scarified an additional 12 inches, moisture conditioned and compacted to a minimum of 90% relative compaction.

The above recommendations are based on the assumption that soils encountered during field exploration are representative of soils throughout the site. However, there can be unforeseen and unanticipated variations in soils between points of subsurface exploration. Hence, overexcavation depths must be verified, and adjusted if necessary, at the time of grading. The overexcavated materials may be moisture-conditioned and re-compacted as engineered fill.

3.05 Rippability and Rock Disposal

Our exploratory borings were advanced without difficulty and no oversize materials were encountered in our subsurface investigation. Accordingly we expect that all earth materials will be rippable with conventional heavy duty grading equipment and oversized materials are not expected.

3.06 Subdrains

Surface water was not present at the time of our investigation. Groundwater was encountered in borings B-14, B-17, B-21, B-22, B-23, and B-24 at depths of about 15 to 20 feet below the ground surface. However, this is well below the anticipated depths of grading. Consequently, installation of canyon subdrains is not expected to be necessary.

3.07 Permanent Fill and Cut Slopes

Permanent fill and cut slopes, if necessary, should be constructed at inclinations of 2 horizontal to 1 vertical or flatter.

3.08 Faulting

Potential for Future Fault Displacement within the Site

Based on the following lines of evidence, we conclude that the Campus is crossed by a Holocene-active fault as defined of the State of California (movement during the past 11,700 years):

1. Regional geologic maps consistently show the Raymond or Hollywood fault is located through the center of the campus (See Figures 11 and 12 for examples). Specific location of the fault through campus is unknown and a specific fault investigation of the campus or the immediate properties has not previously been done.

Weber (1980) describes the “the trace of the principal fault of the Hollywood fault zone probably lies at the south edge of a topographic prominence on which Irving Junior High School is located; the conjectural fault projected through the swale at the north edge of the prominence may be a secondary fault of the zone”

2. The borings, CPTs and seismic lines indicate a significant change in stratigraphy and perched groundwater between CPT-8 and CPT-9 and Seismic Lines S-2 and S-3. Based upon these changes in stratigraphy, the offset on the fault is between 8 to 20 feet vertically.
3. Specific indications of building or pavement cracks items were not observed. Out of square doors or windows were not observed.
4. The most recent seismic event along the Raymond fault was the 1988 4.9 magnitude Pasadena Earthquake that occurred 6.3 miles east-northeast of the campus.

Due upon the lack of visual distress to the existing buildings, some of which were constructed in 1937, the probability of surface rupture is moderate.

Based on our conclusion that the site is crossed by a Holocene-active fault, a fault setback zone to mitigate the potential for future surface fault rupture within the site is recommended for new construction of 50 feet from the edge of the possible fault zone indicated on Figure 2. Results of the existing structure investigations should be provided to update the conclusions of this report regarding conditions of the existing buildings within the zone.

3.09 Seismic Design Parameters

The potential damaging effects of regional earthquake activity must be considered in the design of structures.

Mapped Design Parameters

Mapped seismic design parameters have been developed in accordance with Section 1613A of the 2022 California Building Code (CBC) using the online ATC Hazards by Location calculator (ASCE 41-17 and ASCE 7-16), a site location based on latitude and longitude, and site characterization as Site Class D based on our geotechnical investigation.

ASCE 41-17 Standard

ASCE 41-17 Standard, BSE-2N and BSE-1N Seismic Parameters

Parameter	Value
Site Location	Latitude = 34.11664 degrees Longitude = -118.24244 degrees
Site Class	Site Class = D Soil Profile Name = Stiff soil
$S_{s, BSE-2N}$ (0.2- second period) = $S_{1, BSE-2N}$ (1-second period) =	2.132g 0.745g
Site Coefficients (Site Class D)	$F_a = 1.000$ $F_v = 1.700$
$S_{XS, BSE-2N}$ (short, 0.2- second period) = $S_{X1, BSE-2N}$ (1-second period) =	2.132g 1.266g
$S_{XS, BSE-1N}$ (short, 0.2- second period) = $S_{X1, BSE-1N}$ (1-second period) =	1.421g 0.844g

ASCE 41-17 Standard, BSE-2E and BSE-1E Seismic Parameters

Parameter	Value
Site Location	Latitude = 34.11664 degrees Longitude = -118.24244 degrees
Site Class	Site Class = D Soil Profile Name = Stiff soil
$S_{s, BSE-1E}$ (0.2- second period) = $S_{1, BSE-1E}$ (1-second period) =	0.735g 0.246g
Site Coefficients (BSE-2E) (Site Class D)	$F_a = 1.000$ $F_v = 1.735$
Site Coefficients (BSE-1E) (Site Class D)	$F_a = 1.212$ $F_v = 2.109$
$S_{s, BSE-2E}$ (short, 0.2- second period) = $S_{1, BSE-2E}$ (1-second period) =	1.625g 0.565g
$S_{XS, BSE-1E}$ (short, 0.2- second period) = $S_{X1, BSE-1E}$ (1-second period) =	0.891g 0.518g

ASCE 7-16, Site-Specific Response Spectra

A site-specific seismic hazard has been performed using the SCEC UGMS MCER Tool available at https://data2.scec.org/ugms-mcerGM-tool_v18.4/report/669 in accordance with the 2022 California Building Code and Section 21 of ASCE 7-16. The methodology and results of the site-specific analysis are presented in Appendix D. The recommended site-specific seismic design parameters are summarized in the table below.

Site Specific Design Parameters

Design Acceleration Parameter	Value (g)
S_{DS}	1.608
S_{D1}	1.096
S_{MS}	2.412
S_{M1}	1.644

The numerical values for the site-specific MCE_R and Design response spectra are provided in the table below.

Period (s)	Site Specific MCER S_a (g)	Site Specific Design Response Spectrum (g)
0.01	1.075	0.717
0.02	1.078	0.719
0.03	1.099	0.733
0.05	1.205	0.803
0.075	1.433	0.955
0.1	1.646	1.097
0.15	1.949	1.299
0.2	2.213	1.476
0.25	2.434	1.623
0.3	2.648	1.765
0.4	2.68	1.786
0.5	2.533	1.688
0.75	2.031	1.354
1	1.633	1.088
1.5	1.096	0.731
2	0.788	0.526
3	0.481	0.321
4	0.324	0.216
5	0.238	0.159
7.5	0.133	0.089
10	0.085	0.057

In addition, the calculated maximum considered earthquake geometric mean peak ground acceleration (MCE_G) is $PGA_M = 0.916g$.

3.10 Liquefaction and Secondary Earthquake Hazards

Potential secondary seismic hazards that can affect land development projects include liquefaction, tsunamis, seiches, seismically induced settlement, seismically induced flooding and seismically induced landsliding.

Liquefaction

Liquefaction is a phenomenon where earthquake-induced ground motions increase the pore pressure in saturated, sand-like soils until it is equal to the confining, overburden pressure. When this occurs, the soil can completely lose its shear strength and enter a liquefied state. The possibility of liquefaction is dependent upon grain size, relative density, confining pressure, saturation of the soils, and intensity and duration of ground shaking. In order for liquefaction to occur, three criteria must be met: underlying loose, sand-like soils, a groundwater depth of less than about 50 feet, and a potential for seismic ground motions from nearby large-magnitude earthquakes.

According to the California Geological Survey Seismic Hazard Zone Map for the Los Angeles Quadrangle (Figure 10), the site is not within a potential liquefaction hazard zone.

Calculations of liquefaction potential are presented in Appendix E. We evaluated liquefaction triggering for a $PGA_M = 0.916g$, a Magnitude $M_w = 6.9$ (Appendix E), and a depth to ground water table of 25 feet. We used the soil information from our borings B-6, B-14, B-17, B-21, B-22, B-23, and B-24. We used the procedure by Youd et al. (2001) as implemented by the commercially available computer program LiquefyPro 5.8n (CivilTech 2012). Our evaluation suggests that the sand soil layer below the ground water table may be potentially liquefiable. The other soil layers are clay-like soils with PI greater than 7 (Idriss and Boulanger, 2008). Considering that the depth to ground water table for the liquefaction evaluation was 25 feet, no ground surface manifestations of liquefaction are expected to occur.

Tsunamis and Seiches

Tsunamis are sea waves that are generated in response to large-magnitude earthquakes. When these waves reach shorelines, they sometimes produce coastal flooding. Seiches are the oscillation of large bodies of standing water, such as lakes, that can occur in response to ground shaking. Tsunamis and seiches do not pose hazards due to the inland location of the site and lack of nearby bodies of standing water.

Seismically Induced Settlement

Seismically induced settlement occurs most frequently in areas underlain by loose, granular sediments. Damage as a result of seismically induced settlement is most dramatic when differential settlement occurs in areas with large variations in the thickness of underlying sediments. Settlement caused by ground shaking is often non-uniformly distributed, which can result in differential settlement.

Seismic settlement was evaluated for the same ground motions used for liquefaction evaluation. Seismic settlements were estimated using an empirical method developed by Tokimatsu and Seed (1987) based on site-specific SPT blow count and grain size data obtained from our borings. We estimate that the total seismically induced ground settlement that may occur at the site is less than $\frac{1}{2}$ " and differential seismic settlement over a 30 feet horizontal distance is $\frac{1}{4}$ ". Calculations of seismically induced settlements are presented in Appendix E.

Seismically Induced Flooding

According to the Plate 6 of the 1990 Technical Appendix to the Safety Element of the Los Angeles County General Plan (Flood and Inundation Hazards), the site is not located in the potential dam inundation area. In addition, there are no up gradient water reservoirs or dams located in close proximity of the site. Consequently seismically induced flooding at the site is unlikely.

Seismically Induced Landsliding

According to the California Geological Survey Seismic Hazard Zone Map for the Los Angeles Quadrangle (1999), the school is not located within a potential earthquake-induced landslide hazard zone (Figure 10). Additionally, the proposed construction area is not located within or immediately downslope of this area. Considering this, the potential for seismically induced landsliding within the proposed construction site is judged to be very low to nil.

3.11 Foundations

If the recommendations in the section on grading are followed and footings are established in compacted fill materials with an expansion index, EI, of less than 20, footings may be designed using the following allowable soil bearing values:

- Continuous Wall Footings:

Footings having a minimum width of 12 inches and a minimum depth of 18 inches below the lowest adjacent grade have allowable bearing capacity of 1,500 pounds per square foot (psf). This value may be increased by 8% for each additional foot of width and/or depth to a maximum value of 3,000 psf.

- Isolated Spread Footings:

Footings having a minimum width of 12 inches and a minimum depth of 18 inches below the lowest adjacent grade have allowable bearing capacity of 1,500 psf. This value may be increased by 8% for each additional foot of width or depth to a maximum value of 3,000 psf.

- Retaining Wall Footings:

Footings for retaining walls should be founded a minimum depth of 12 inches and have a minimum width of 12 inches. Footings may be designed using the allowable bearing capacity and lateral resistance values recommended for building footings. However, when calculating passive resistance, the upper 6 inches of the footings should be ignored in areas where the footings will not be covered with concrete flatwork. This value may also be increased by 8% for each additional foot of width or depth to a maximum value of 3,000 psf. Reinforcement should be provided for structural considerations as determined by the design engineer.

The above bearing capacities represent an allowable net increase in soil pressure over existing soil pressure and may be increased by one-third for short-term wind or seismic loads. The maximum expected settlement of footings designed with the recommended allowable bearing capacity is expected to be on the order of ½ inch with differential settlement on the order of ¼ inch over a horizontal distance of 30 ft.

3.12 Foundation Setbacks from Slopes

Setbacks for footings adjacent to slopes should conform to the requirements of the California Building Code.

Specifically, footings should maintain a horizontal distance or setback between any adjacent slope face and the bottom outer edge of the footing.

For slopes descending away from the foundation, the horizontal distance may be calculated by using $h/3$, where h is the height of the slope. The horizontal setback should not be less than 5 feet, nor need not be greater than 40 feet per the California Building Code. Where structures encroach within the zone of $h/3$ from the top of the slope the setback may be maintained by deepening the foundations. Flatwork and utilities within the zone of $h/3$ from the top of slope may be subject to lateral distortion caused by gradual downslope creep. Walls, fences and landscaping improvements constructed at the top of descending slopes should be designed with consideration of the potential for gradual downslope creep.

For ascending slopes, the horizontal setback required may be calculated by using $h/2$ where h is the height of the slope. The horizontal setback need not be greater than 15 feet per the California Building Code.

3.13 Slabs on Grade

Based upon geotechnical conditions, the use of unreinforced slabs on grade for structures may apply. However, structural design will require reinforcement of the slab. Since specific reinforcement of the slab is based upon structural loading, the specific type and layout of the reinforcement will need to be designed by the structural engineer.

Floor slabs should have a minimum thickness of 4 inches and should be divided into squares or rectangles using weakened plane joints (contraction joints), each with maximum dimensions not exceeding 15 feet. Contraction joints should be made in accordance with American Concrete Institute (ACI) guidelines. If weakened plane joints are not used, then the slabs shall be reinforced with a minimum of 6x6-10/10 welded wire fabric placed at mid-height of the slab, specific reinforcement of the slab will be based upon structural loading of the slab and provided by the structural engineer.

Special care should be taken on floors slabs to be covered with thin-set tile or other inflexible coverings. These areas may be reinforced with 6x6-10/10 welded wire fabric placed at mid-height of the slab, to mitigate drying shrinkage cracks specific reinforcement of the slab will be based upon structural loading of the slab and provided by the structural engineer. Alternatively, inflexible flooring may be installed with unbonded fabric or liners to prevent reflection of slab cracks through the flooring.

A moisture vapor retarder/barrier is recommended beneath all slabs-on-grade that will be covered by moisture-sensitive flooring materials such as vinyl, linoleum, wood, carpet, rubber, rubber-backed carpet, tile, impermeable floor coatings, adhesives, or where moisture-sensitive equipment, products, or environments will exist. We recommend that design and construction of the moisture vapor retarder/barrier conform to Section 1805A of the 2019 California Building Code and pertinent sections of American Concrete Institute (ACI) guidance documents 302.1R-15, 302.2R-06 and 360R-10.

The moisture vapor retarder/barrier should consist of a minimum 10 mils thick polyethylene with a maximum perm rating of 0.3 in accordance with ASTM E1745. Seams in the moisture vapor retarder/barrier should be overlapped no less than 6 inches or in accordance with the manufacturer's recommendations. Joints and penetrations should be sealed with the manufacturer's recommended adhesives, pressure-sensitive tape, or both. The contractor must avoid damaging or puncturing the moisture vapor retarder/barrier and repair any punctures with additional polyethylene properly lapped and sealed.

The moisture vapor retarder/barrier may be placed directly beneath the floor slab with no intermediate granular fill layer. This method of construction will provide improved curing of the slab bottom and will eliminate potential problems caused by water being trapped in a granular fill layer. However, concrete slabs poured directly on a moisture vapor retarder/barrier can experience shrinkage cracking and curling due to differential rates of curing through the thickness of the slab. Therefore, for concrete placed directly on the moisture vapor retarder/barrier, we recommend a maximum water cement ratio of 0.45 and the use of water-reducing admixtures to increase workability and decrease bleeding.

Alternatively, the slabs may be constructed by placing a 4-inch layer of granular soil over the moisture vapor retarder/barrier in accordance with ACI 302.1R-15. Granular fill should consist of clean, fine-graded materials with 10% to 30% passing the No. 100 sieve and free from clay or silt. The granular layer should be uniformly compacted and trimmed to provide the full design thickness of the proposed slab. The granular fill layer should not be left exposed to rain or other sources of water such as wet-grinding, power washing, pipe leaks or other processes, and should be dry at the time of concrete placement. Granular fill layers that become saturated should be removed and replaced prior to concrete placement.

3.14 Miscellaneous Concrete Flatwork

Miscellaneous concrete flatwork and walkways may be designed with a minimum thickness of 4 inches. Large slabs should be reinforced with a minimum of 6x6-10/10 welded wire mesh placed at mid-height in the slab. Control joints should be constructed to create squares or rectangles with a maximum spacing of 15 feet.

Walkways may be constructed with a minimum of 6x6-10/10 welded wire mesh placed at mid-height in the slab. Walkways should be separated from foundations with a thick expansion joint filler. Control joints should be constructed into walkways at a maximum of 5 feet spacing.

Due to the expansive soils at the site we would recommend that the soils beneath and extending 2 feet laterally from the edge of the walkways and other concrete flatwork be removed and replaced to a depth of 12 inches below the bottom of the proposed flatwork or walkways with soil with an expansion index (EI) of less than 20. It should be compacted to a minimum of 90 percent relative compaction. The geotechnical engineer should monitor the compaction of the subgrade soils and perform testing to verify that proper compaction has been obtained.

3.15 Footing Excavation and Slab Preparations

All footing excavations should be observed by the geotechnical consultant to verify that they have been excavated into competent soils. The foundation excavations should be observed prior to the placement of forms, reinforcement steel, or concrete. These excavations should be evenly trimmed and level. Prior to concrete placement, any loose or soft soils should be removed. Excavated soils should not be placed on slab or footing areas unless properly compacted.

Prior to the placement of the moisture barrier and sand, the subgrade soils underlying the slab should be observed by the geotechnical consultant to verify that all under-slab utility trenches have been properly backfilled and compacted, that no loose or soft soils are present, and that the slab subgrade has been properly compacted to a minimum of 90 percent relative compaction within the upper 24 inches.

Footings may experience and overall loss in bearing capacity or an increased potential to settle where located in

close proximity to existing or future utility trenches. Furthermore, stresses imposed by the footings on the utility lines may cause cracking, collapse and/or a loss of serviceability. To reduce this risk, footings should extend below a 1:1 plane projected upward from the closest bottom of the trench.

Slabs on grade and walkways should be brought to a minimum of 2% and a maximum of 6% above their optimum moisture content for a depth of 18 inches prior to the placement of concrete. The geotechnical consultant should perform insitu moisture tests to verify that the appropriate moisture content has been achieved a maximum of 24 hours prior to the placement of concrete or moisture barriers.

3.16 Lateral Load Resistance

Lateral loads may be resisted by soil friction and the passive resistance of the soil. The following parameters are recommended.

- Passive Earth Pressure = 350 pcf (equivalent fluid weight) (FS=1.0).
- Coefficient of Friction (soil to footing) = 0.35
- Retaining structures should be designed to resist the following lateral active earth pressures:

Surface Slope of Retained Materials (Horizontal:Vertical)	Equivalent Fluid Weight (pcf)
Level	43
5:1	46
4:1	48
3:1	52
2:1	73

These active earth pressures are only applicable if the retained earth is allowed to strain sufficiently to achieve the active state. The required minimum horizontal strain to achieve the active state is approximately 0.0025H. Retaining structures should be designed to resist an at-rest lateral earth pressure if this horizontal strain cannot be achieved.

- At-rest Lateral Earth Pressure = 64 pcf (equivalent fluid weight)

Sliding pressure is developed at the base based on the friction. No reduction is recommended, if they would like to do it, sliding could be reduced by 1/3.

The Mononobe-Okabe method is commonly utilized for determining seismically induced active and passive lateral earth pressures and is based on the limit equilibrium Coulomb theory for static stress conditions. This method entails three fundamental assumptions (e.g., Seed and Whitman, 1970): Wall movement is sufficient to ensure either active or passive conditions, the driving soil wedge inducing the lateral earth pressures is formed by a planar failure surface starting at the heel of the wall and extending to the free surface of the backfill, and the driving soil wedge and the retaining structure act as rigid bodies, and therefore, experiences uniform

accelerations throughout the respective bodies (U.S. Army Corps of Engineers, 2003, Engineering and Design - Stability Analysis of Concrete Structures).

- Seismic Lateral Earth Pressure (allowable) = 32 pcf (equivalent fluid weight).

The seismic lateral earth pressure given above is a triangle increasing with depth, and the resultant of this pressure is an increment of force which should be applied to the back of the wall at 1/3 of the wall height from the wall base. The seismic increment of earth pressure should be added to the static active earth pressure. Even for the at-rest (K_0) condition, the seismic increment of earth pressure should be added to the static active earth pressure, not to the at-rest static earth pressure (SEAOC Seismology Committee 2019).

Per 2019 CBC Section 1803.5.12 dynamic seismic lateral earth pressures shall be applied to foundation walls and retaining walls supporting more than 6 feet of backfill. Dynamic seismic lateral earth pressures may also be applied to shorter walls at the discretion of the structural engineer.

3.17 Drainage and Moisture Proofing

Surface drainage should be directed away from the proposed structure into suitable drainage devices. Neither excess irrigation nor rainwater should be allowed to collect or pond against building foundations or within low-lying or level areas of the lot. Surface waters should be diverted away from the tops of slopes and prevented from draining over the top of slopes and down the slope face.

Walls and portions thereof that retain soil and enclose interior spaces and floors below grade should be waterproofed and dampproofed in accordance with CBC Section 1805A.

Retaining structures should be drained to prevent the accumulation of subsurface water behind the walls. Backdrains should be installed behind all retaining walls exceeding 3 feet in height. A typical detail for retaining wall back drains is presented in Appendix C. All backdrains should be outlet to suitable drainage devices. Retaining wall less than 3 feet in height should be provided with backdrains or weep holes. Dampproofing and/or waterproofing should also be provided on all retaining walls exceeding 3 feet in height.

3.18 Cement Type and Corrosion Potential

Soluble sulfate tests indicate that concrete at the subject site will have a moderate corrosive exposure to water-soluble sulfate in the soil. Our recommendations for concrete exposed to sulfate-containing soils are presented in the table below.

Recommendations for Concrete exposed to Sulfate-containing Soils

Sulfate Exposure	Water Soluble Sulfate (SO ₄) in Soil (% by Weight)	Sulfate (SO ₄) in Water (ppm)	Cement Type (ASTM C150)	Maximum Water-Cement Ratio (by Weight)	Minimum Compressive Strength (psi)
Negligible	0.00 - 0.10	0-150	--	--	2,500
Moderate	0.10 - 0.20	150-1,500	II	0.50	4,000
Severe	0.20 - 2.00	1,500-10,000	V	0.45	4,500
Very Severe	Over 2.00	Over 10,000	V plus pozzolan or slag	0.45	4,500

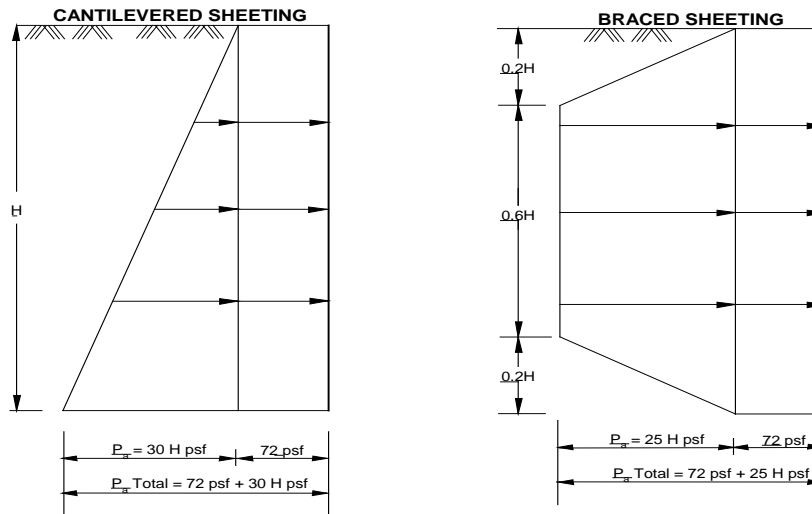
Use of alternate combinations of cementitious materials may be permitted if the combinations meet design recommendations contained in American Concrete Institute guideline ACI 318-11.

The soils were also tested for soil reactivity (pH) and electrical resistivity (ohm-cm). The test results indicate that the on-site soils have a soil reactivity of 7.3, an electrical resistivity of 1,800 ohm-cm and a chloride content of 32 ppm. A neutral or non-corrosive soil has a soil reactivity ranging from 5.5 to 8.4. Generally, soils that could be considered moderately corrosive to ferrous metals have resistivity values of about 3,000 ohm-cm to 10,000 ohm-cm. Soils with resistivity values less than 3,000 ohm-cm can be considered corrosive and soils with resistivity values less than 1,000 ohm-cm can be considered extremely corrosive. Chloride contents of approximately 500 ppm or greater are generally considered corrosive.

Based on our preliminary analysis, it appears that the underlying onsite soils are corrosive to ferrous metals. Protection of buried pipes utilizing coatings on all underground pipes; clean backfills and a cathodic protection system can be effective in controlling corrosion. At a minimum all ferrous pipes should be coated or wrapped and all pipes shall be bedded in clean sand and designed by the project design professional for utilities. As RMA Group, Inc. does not practice corrosion engineering, a qualified corrosion engineer may be consulted to further assess the corrosive properties of the soil and design of a cathodic protection system.

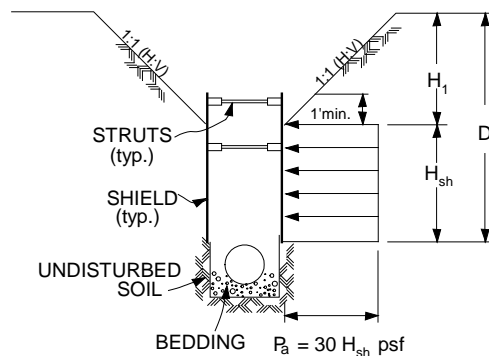
3.19 Temporary Slopes

Excavation of utility trenches will require either temporary sloped excavations or shoring. Temporary excavations in existing alluvial soils may be safely made at an inclination of 1:1 or flatter. If vertical sidewalls are required in excavations greater than 5 feet in depth, the use of cantilevered or braced shoring is recommended. Excavations less than 5 feet in depth may be constructed with vertical sidewalls without shoring or shielding. Our recommendations for lateral earth pressures to be used in the design of cantilevered and/or braced shoring are presented below. These values incorporate a uniform lateral pressure of 72 psf to provide for the normal construction loads imposed by vehicles, equipment, materials, and workmen on the surface adjacent to the trench excavation. However, if vehicles, equipment, materials, etc., are kept a minimum distance equal to the height of the excavation away from the edge of the excavation, this surcharge load need not be applied.



SHORING DESIGN: LATERAL SHORING PRESSURES

Design of the shield struts should be based on a value of 0.65 times the indicated pressure, P_a , for the approximate trench depth. The wales and sheeting can be designed for a value of 2/3 the design strut value.



HEIGHT OF SHIELD, H_{sh} = DEPTH OF TRENCH, D_t , MINUS DEPTH OF SLOPE, H_1

TYPICAL SHORING DETAIL

Placement of the shield may be made after the excavation is completed or driven down as the material is excavated from inside of the shield. If placed after the excavation, some overexcavation may be required to allow for the shield width and advancement of the shield. The shield may be placed at either the top or the bottom of the pipe zone. Due to the anticipated thinness of the shield walls, removal of the shield after construction should have negligible effects on the load factor of pipes. Shields may be successively placed with conventional trenching equipment.

Vehicles, equipment, materials, etc. should be set back away from the edge of temporary excavations a minimum distance of 15 feet from the top edge of the excavation. Surface waters should be diverted away from temporary excavations and prevented from draining over the top of the excavation and down the slope face. During periods of heavy rain, the slope face should be protected with sandbags to prevent drainage over the

edge of the slope, and a visqueen liner placed on the slope face to prevent erosion of the slope face.

Periodic observations of the excavations should be made by the geotechnical consultant to verify that the soil conditions have not varied from those anticipated and to monitor the overall condition of the temporary excavations over time. If at any time during construction conditions are encountered which differ from those anticipated, the geotechnical consultant should be contacted and allowed to analyze the field conditions prior to commencing work within the excavation.

Cal/OSHA construction safety orders should be observed during all underground work.

3.20 Utility Trench Backfill

The onsite fill soils will not be suitable for use as pipe bedding for buried utilities. All pipes should be bedded in a sand, gravel or crushed aggregate imported material complying with the requirements of the Standard Specifications for Public Works Construction Section 306-1.2.1. Crushed rock products that do not contain appreciable fines should not be utilized as pipe bedding and/or backfill. Bedding materials should be densified to at least 90% relative compaction (ASTM D1557) by mechanical methods. The geotechnical consultant should review and approve of proposed bedding materials prior to use.

All utility trench backfill within street right of way, utility easements, under or adjacent to sidewalks, driveways, or building pads should be observed and tested by the geotechnical consultant to verify proper compaction. Trenches excavated adjacent to foundations should not extend within the footing influence zone defined as the area within a line projected at a 1:1 drawn from the bottom edge of the footing. Trenches crossing perpendicular to foundations should be excavated and backfilled prior to the construction of the foundations. The excavations should be backfilled in the presence of the geotechnical engineer and tested to verify adequate compaction beneath the proposed footing.

Cal/OSHA construction safety orders should be observed during all underground work.

3.21 Pavement Sections

Asphalt Pavement

Two R-value tests were performed on the anticipated subgrade soil at the site in order to provide information on their soil properties for design of pavement structural sections. The R-value test was done in compliance with CTM-301. In the course of running the test the sample was unable to be compacted at the pressure required by the test method without extruding around the mold, therefore, in accordance with the test methods an R-value of 12 and 9 was assumed to the soil. Structural sections were designed using the procedures outlined in Chapter 630 of the California Highway Design Manual (Caltrans, 2017). This procedure uses the principle that the pavement structural section must be of adequate thickness to distribute the load from the design traffic index (TI) to the subgrade soils in such a manner that the stresses from the applied loads do not exceed the strength of the soil (R-value).

Per the proposal, we have provided alternate structural sections for traffic indexes 3, 4, 5, 6, and 7. Selection of the final pavement structural section should be based on economic considerations which are beyond the scope of this investigation. Recommended structural sections using the R-value of 9 are as follows:

Traffic Index	3	4	5	6	7
Pavement Section with Base	3.0" AC 6.0" Base	4.5" AC 6.0 Base6	5.5" AC 6.0" Base	7.5" AC 6.0" Base	9.0" AC 6.0" Base
Full Depth Section	4.5"	6.0"	7.0"	9.5"	12"

Prior to paving, the subgrade soils should be scarified and the moisture adjusted to within 2% of the optimum moisture content. The subgrade soils should be compacted to a minimum of 90% relative compaction if overlain by aggregate base or 95% relative compaction if base is not used. All aggregate base courses should be compacted to a minimum of 95% relative compaction.

PCC Pavement

Portland cement concrete (PCC) pavements for areas which are not subject to traffic loads may be designed with a minimum thickness of 4.0 inches of Portland cement concrete on compacted native soils with a minimum of 6x6-10/10 welded wire mesh placed at mid-height in the slab (see Section 3.14 for more information for construction of non-vehicular concrete pavements).

If light traffic loads such as car parking and access areas are anticipated, PCC pavements should be designed for a minimum thickness of 5.0 inches of Portland cement concrete on 5.0 inches of crushed aggregate base. A minimum of number 4 reinforcing steel placed 24 inches on center placed at mid-height in the slab may be placed to limit cracking. Control joints should be constructed into the pavement at a maximum of 12.5 feet spacing.

For heavier traffic loads such as bus aisles delivery and trash truck lanes, PCC pavements should be designed for a minimum thickness of 6.0 inches of Portland cement concrete on 6.0 inches of crushed aggregate base. A minimum of number 4 reinforcing steel placed 24 inches on center placed at mid-height in the slab may be placed to limit cracking. Control joints should be constructed into the pavement at a maximum of 15 feet spacing.

Prior to paving, the subgrade soils should be scarified and the moisture adjusted to within 2% of the optimum moisture content. The subgrade soils should be compacted to a minimum of 90% relative compaction if overlain by aggregate base. All aggregate base courses should be compacted to a minimum of 95% relative compaction.

3.22 Infiltration Assessment

Based upon the near surface stiff to hard clay soils, we would anticipate very low infiltration rates at the site, probably below 0.1 minutes/inch. We would not recommend infiltration of stormwater at the site.

3.23 Plan Review

Once a formal grading and foundation plans are prepared for the subject property, this office should review the plans from a geotechnical viewpoint, comment on changes from the plan used during preparation of this report and revise the recommendations of this report where necessary.

3.24 Geotechnical Observation and Testing During Rough Grading

The geotechnical engineer should be contacted to provide observation and testing during the following stages of grading:

- During the clearing and grubbing of the site.
- During the demolition of any existing structures, buried utilities or other existing improvements.
- During excavation and overexcavation of compressible soils.
- During all phases of grading including ground preparation and filling operations.
- When any unusual conditions are encountered during grading.

A final geotechnical report summarizing conditions encountered during grading should be submitted upon completion of the rough grading operations.

3.25 Post-Grading Geotechnical Observation and Testing

After the completion of grading the geotechnical engineer should be contacted to provide additional observation and testing during the following construction activities:

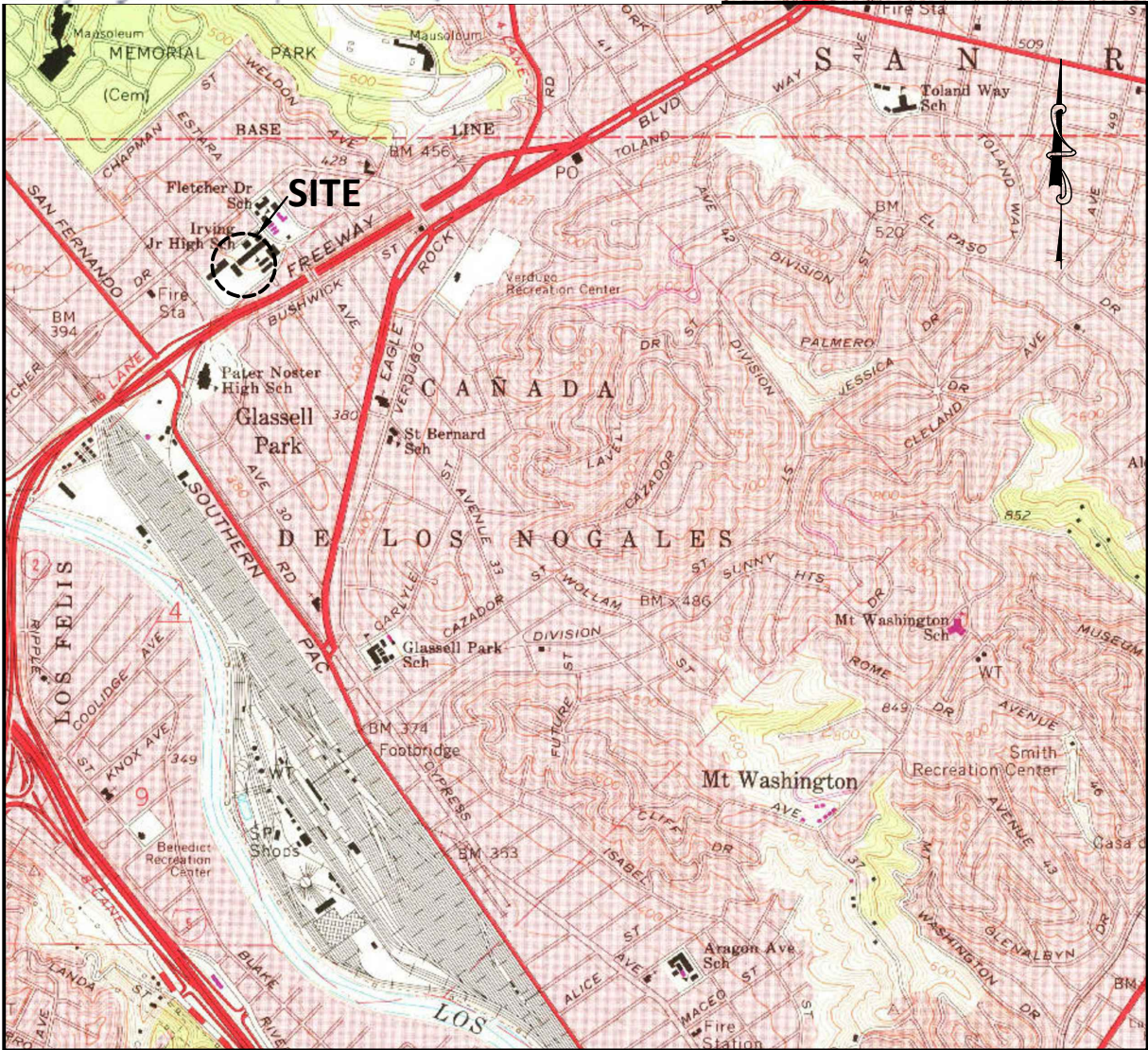
- During trenching and backfilling operations of buried improvements and utilities to verify proper backfill and compaction of the utility trenches.
- After excavation and prior to placement of reinforcing steel or concrete within footing trenches to verify that footings are properly founded in competent materials.
- During fine or precise grading involving the placement of any fills underlying driveways, sidewalks, walkways, or other miscellaneous concrete flatwork to verify proper placement, mixing and compaction of fills.
- When any unusual conditions are encountered during construction.

4.00 CLOSURE

The findings, conclusions and recommendations in this report were prepared in accordance with generally accepted engineering and geologic principles and practices. No other warranty, either expressed or implied, is made. This report has been prepared for Los Angeles Unified School District to be used solely for design purposes. Anyone using this report for any other purpose must draw their own conclusions regarding required construction procedures and subsurface conditions.

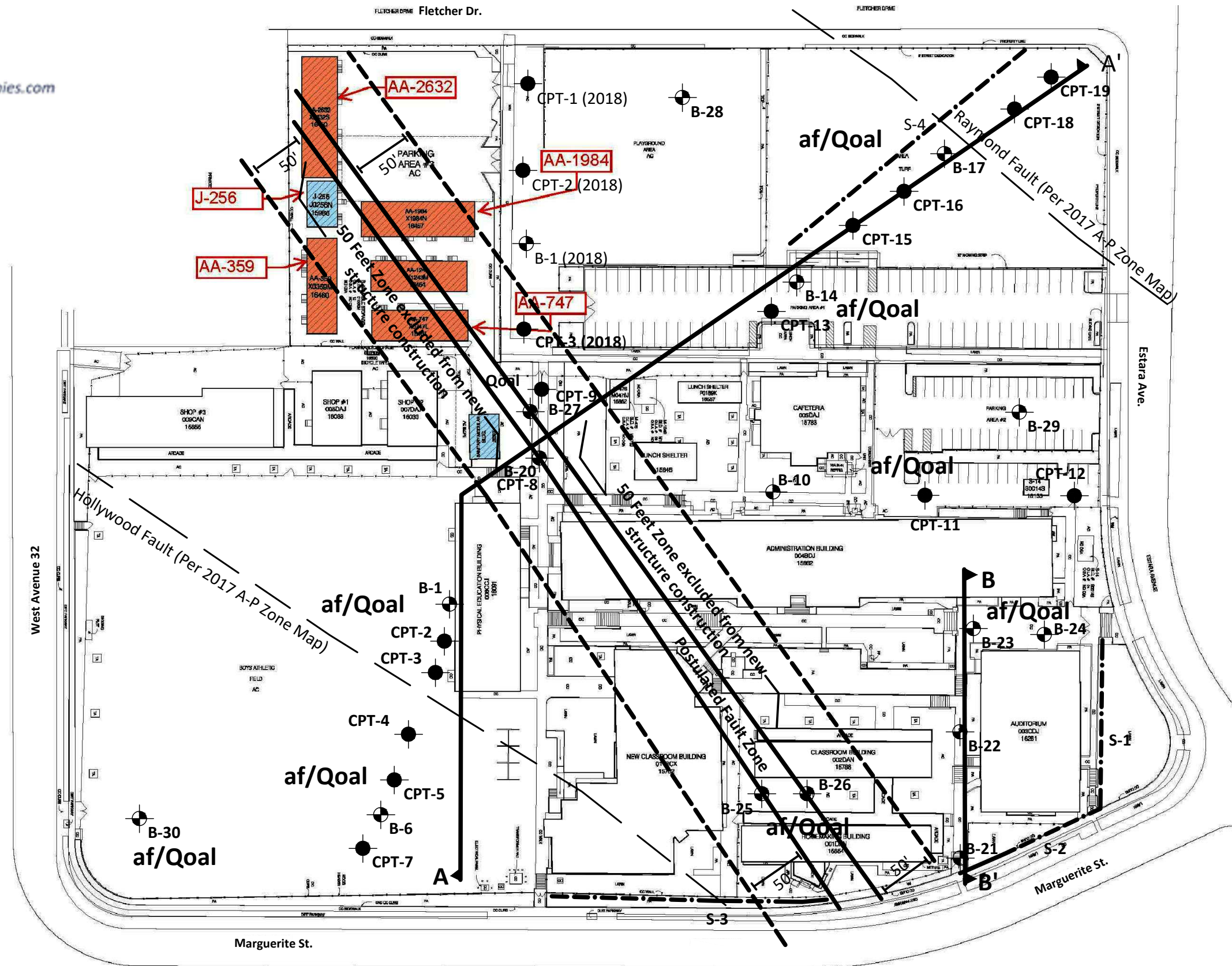
The geotechnical and geologic consultant should be retained during the earthwork and foundation phases of construction to monitor compliance with the design concepts and recommendations and to provide additional recommendations as needed. Should subsurface conditions be encountered during construction that are different from those described in this report, this office should be notified immediately so that our recommendations may be re-evaluated.

FIGURES AND TABLES



SITE LOCATION MAP
Scale: 1" = 2,000'

Base Map: U.S. Geological Survey Los Angeles 7.5-Minute Quadrangle, 1966

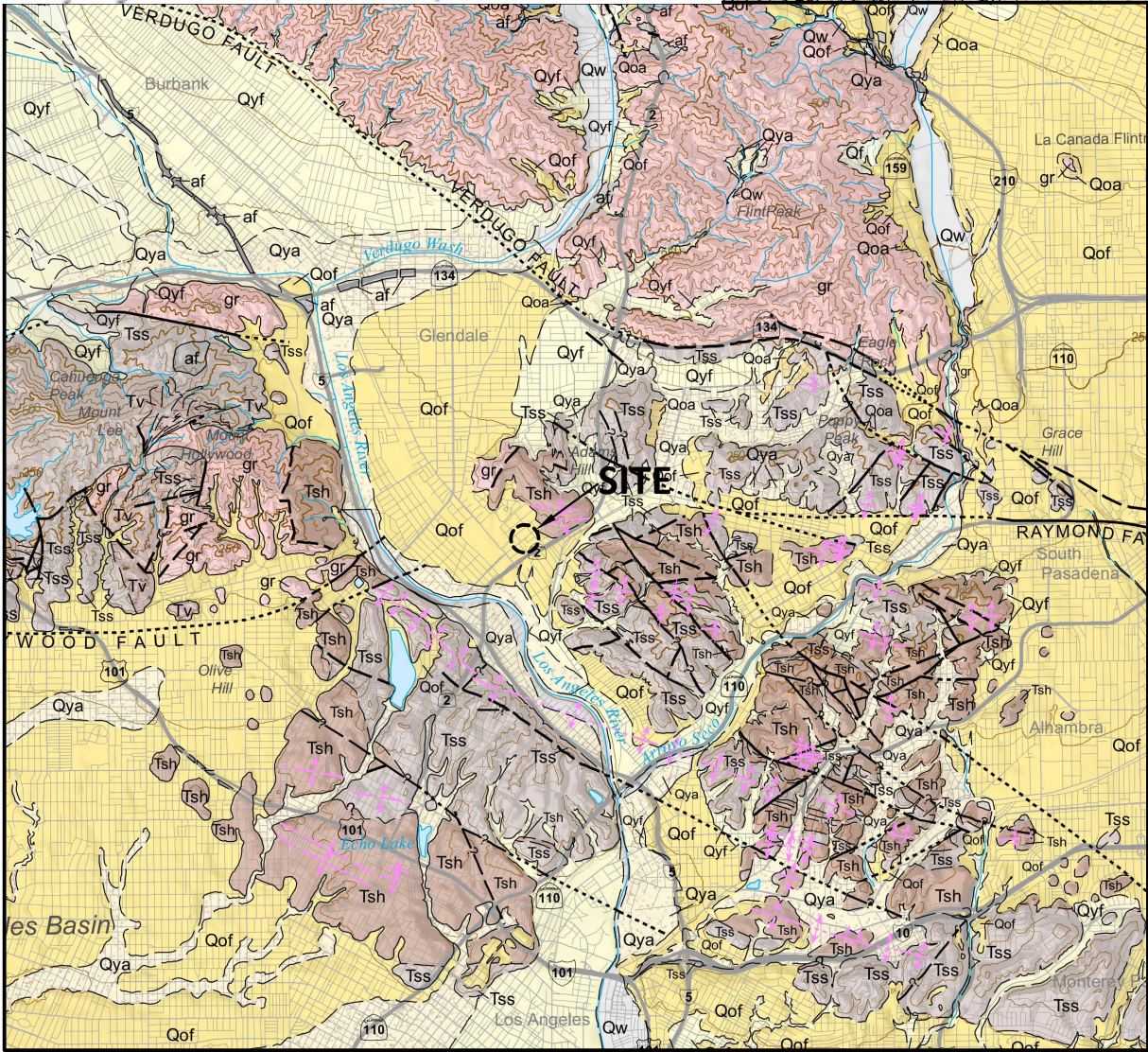


Geologic Legend

- Location of Seismic Lines
- Approximate fault location per Earthquake Fault Zone Map (2017)
- Approximate location of exploratory boring
- Approximate location of CPT
- Geologic cross-section

Scale 1" = 85'
Optimized for printing at 11" x 17"

SITE GEOLOGIC MAP



REGIONAL GEOLOGIC LOCATION MAP

Scale: 1" = 2,000'

Qyf- Young Alluvium Fan Deposits

Qya - Young Alluvium Deposits

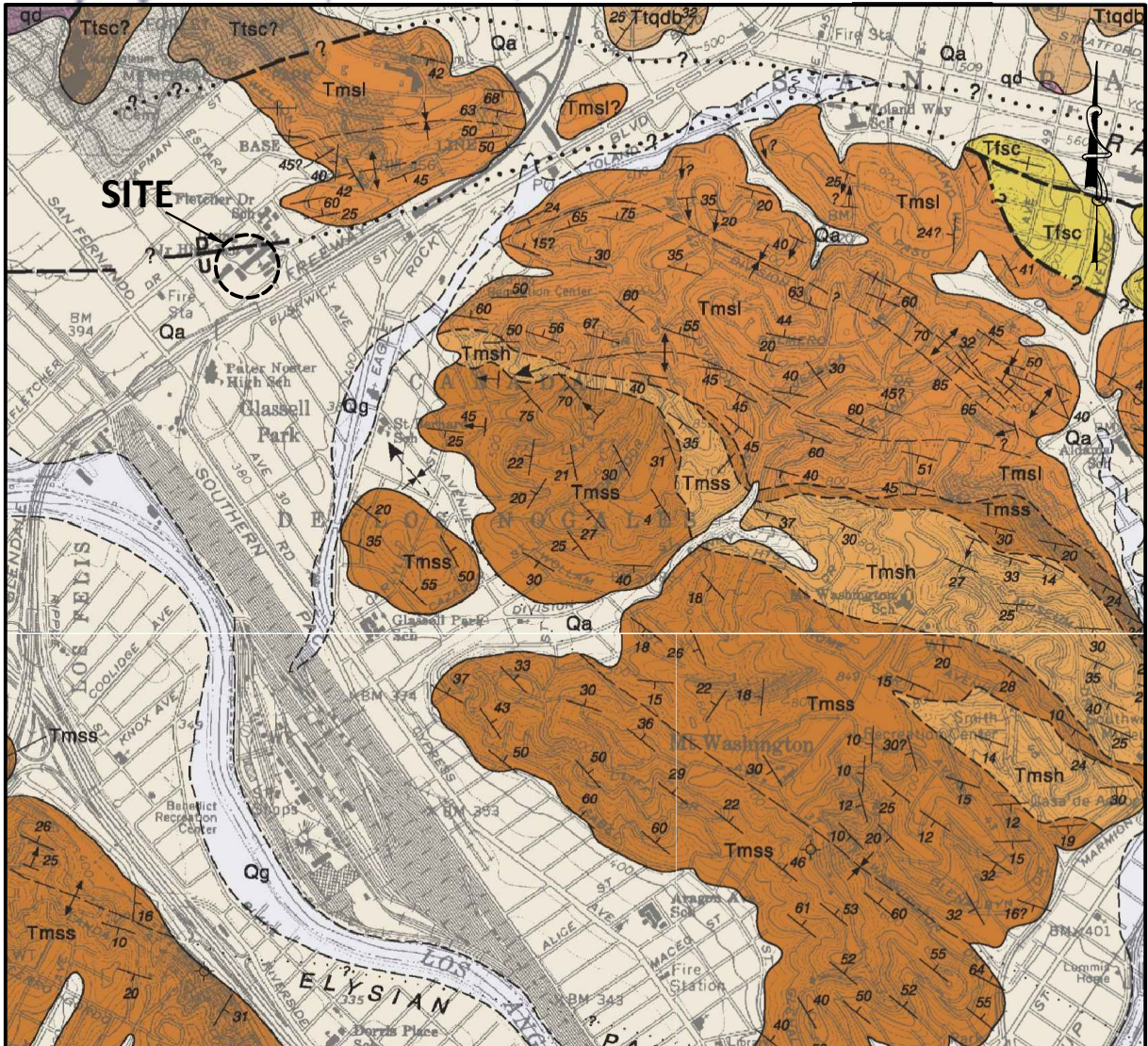
Qof - Old Alluvium Fan Deposit

Tss - Coarse Grained Tertiary age Formations

Tsh - Fine-grained Tertiary age Formations



Base Map: Bedrossian, CEG, and Roffers, Geologic Compilation of Quaternary Surficial Deposits in Southern California Los Angeles 30' x 60' Quadrangle, 2012



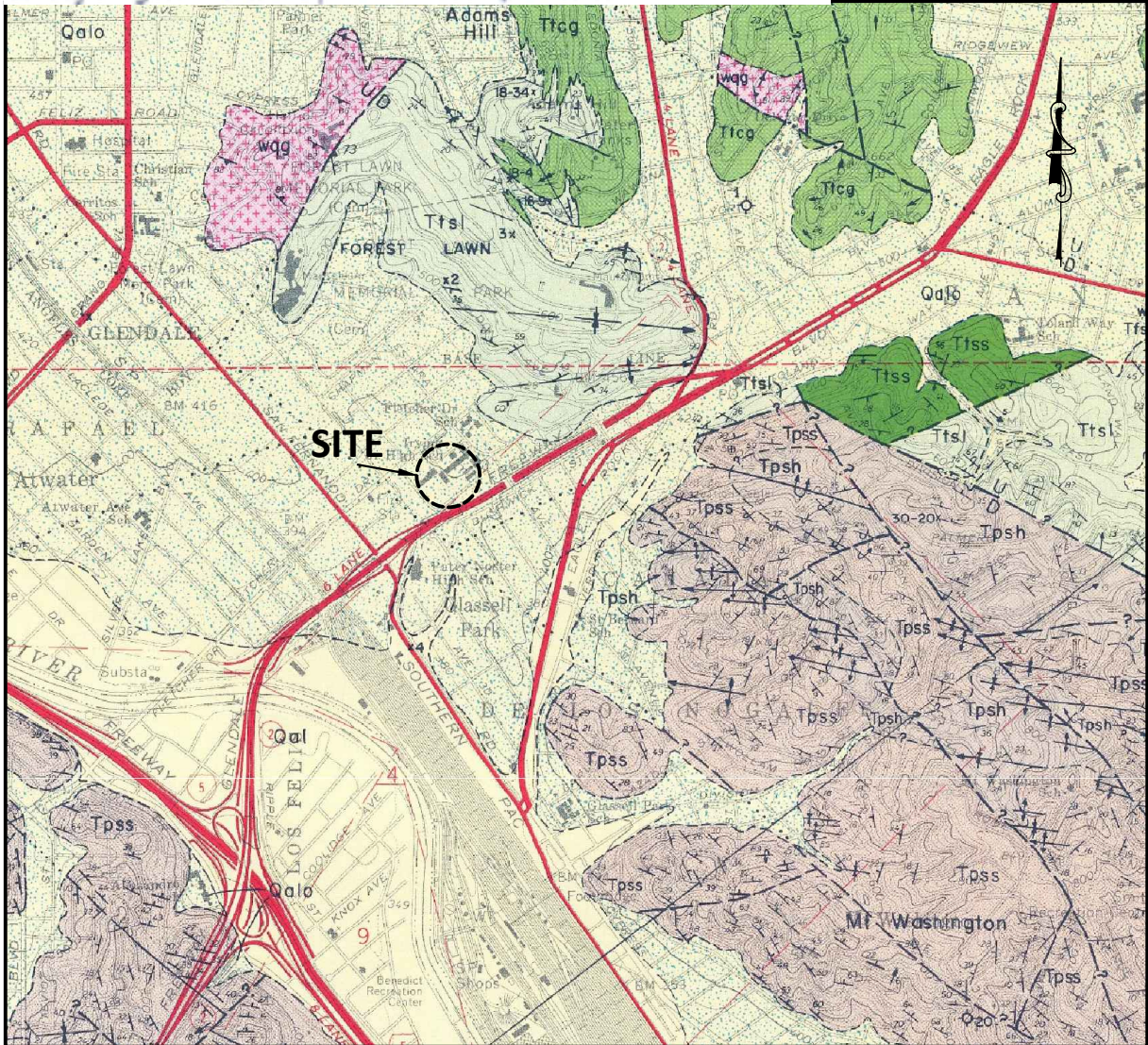
REGIONAL GEOLOGIC MAP - DIBBLE

Scale: 1" = 2,000'

Partial Legend

- Qg - Stream channel deposits
- Qa - Alluvium
- Tfsc - Sandstone/Conglomerate
- Tmss, Tmsh, Tmsl - Monterey Formation: Siltstone/Sandstone
- Ttsc, Ttqdb - Topanga Formation: Shalestone/Siltstone
- qd - Granitic and metamorphic rocks

Source: Dibblee, T.W., and Ehrenspeck, H.E., ed., 1989, Geologic Map of the Los Angeles Quadrangle, Los Angeles County, California, Dibblee Foundation Map DF-22



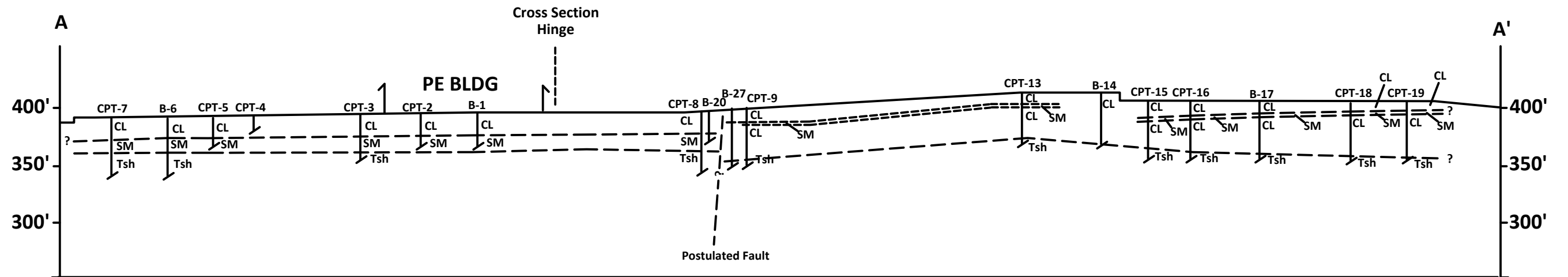
REGIONAL GEOLOGIC MAP -LAMAR

Scale: 1" = 2,000'

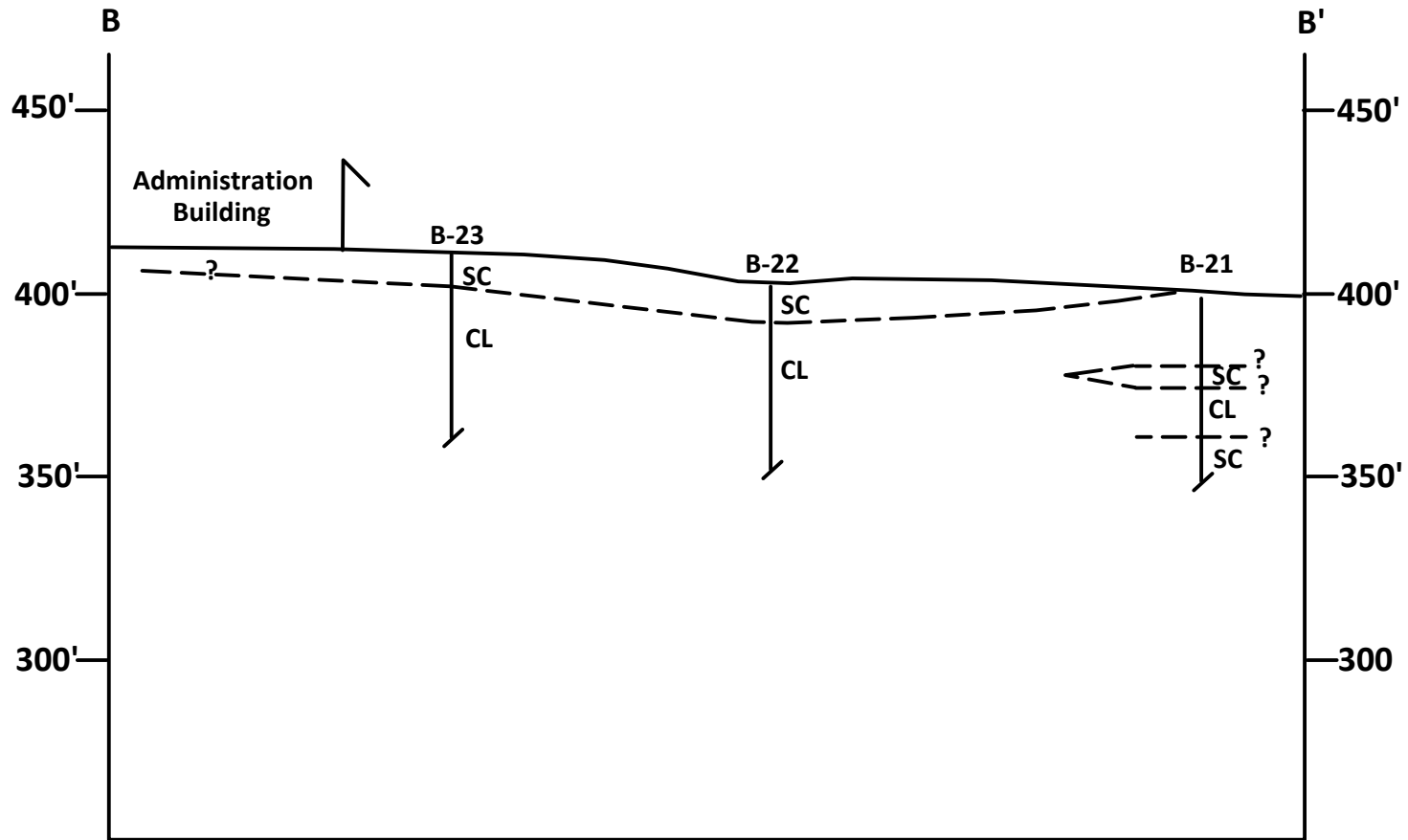
Partial Legend

- Qal - Alluvium
- Qalo - Older Alluvium
- Ttsl - Topanga Formation
- Tpss, Tpsh - Puente Formation
- wqd - Granitic and metamorphic rocks

Source: Lamar, Geologic Map of the Elysian Park - Repetto Hills Area, Los Angeles County, California, 1970



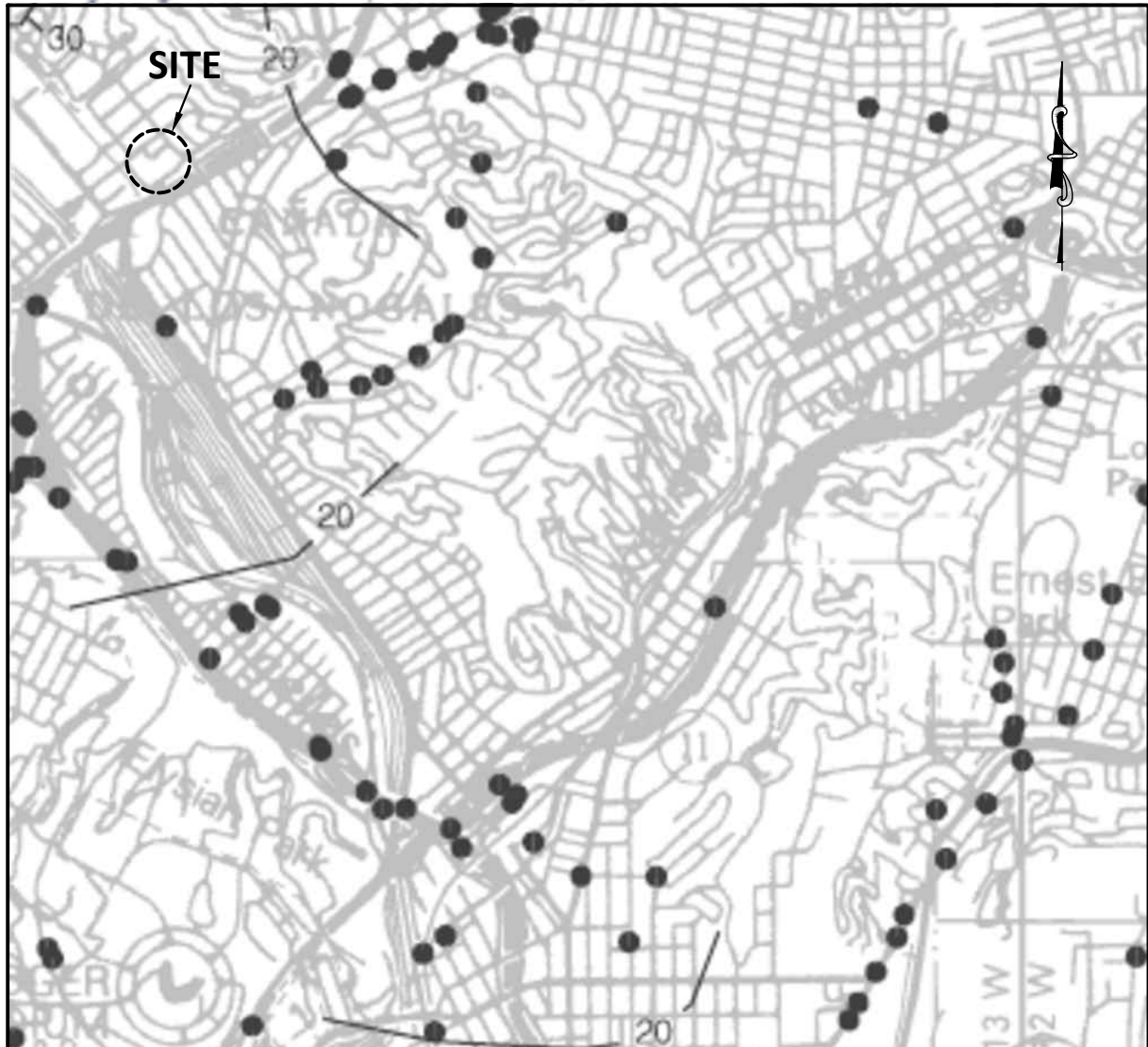
GEOLOGIC CROSS SECTION A-A'
Horizontal Scale: 1" = 100'
Vertical Scale: 1" = 100'



GEOLOGIC CROSS SECTION B-B'

Horizontal Scale: 1" = 50'

Vertical Scale: 1" = 50'

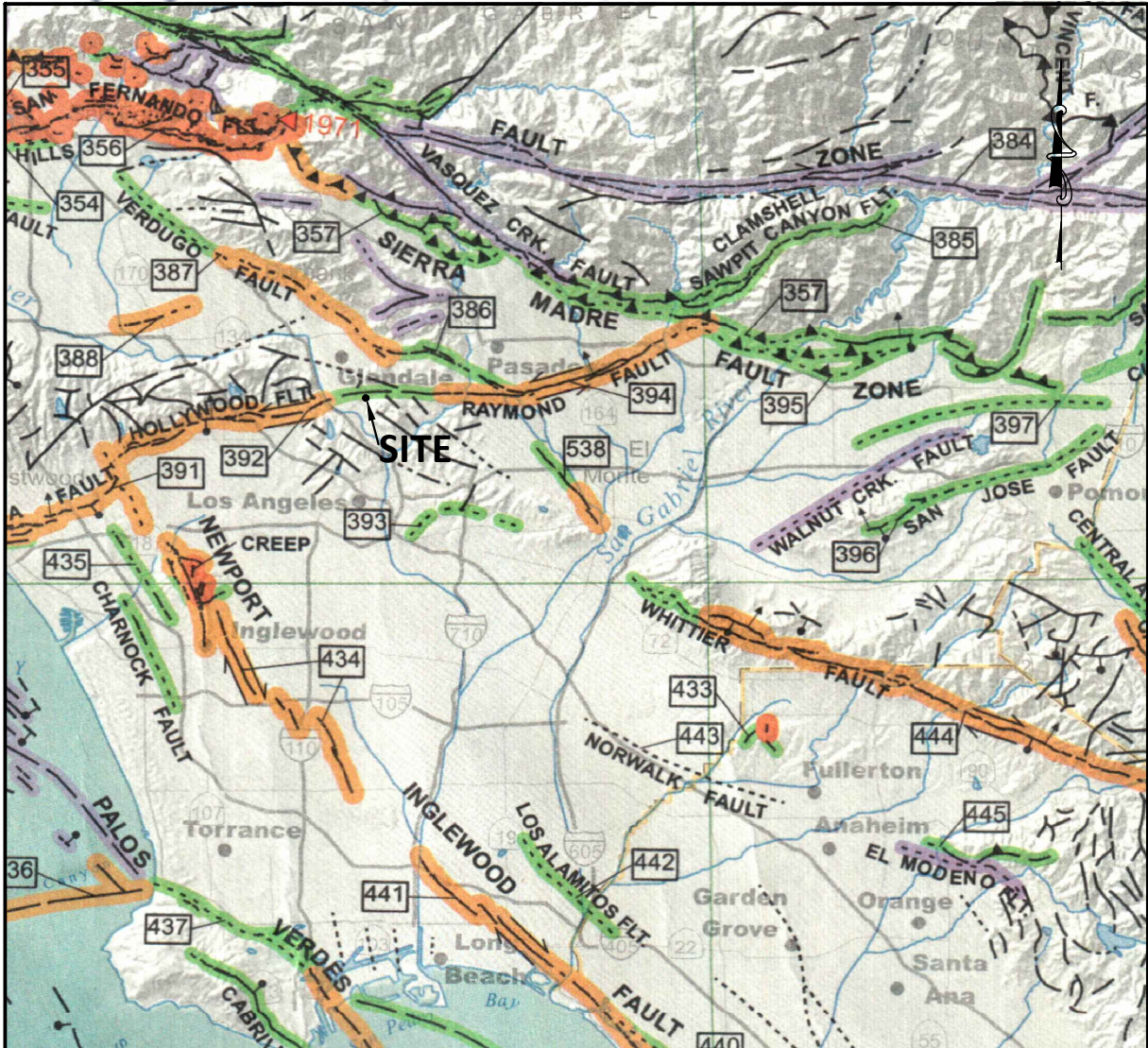


HISTORICAL GROUNDWATER CONTOUR MAP

Scale: 1" = 3,500'

—20— Depth to groundwater in feet

Base Map: Historically High Ground Water Contours and Borehole Locations, Los Angeles 7.5-Minute Quadrangle, Los Angeles County, California, 1998



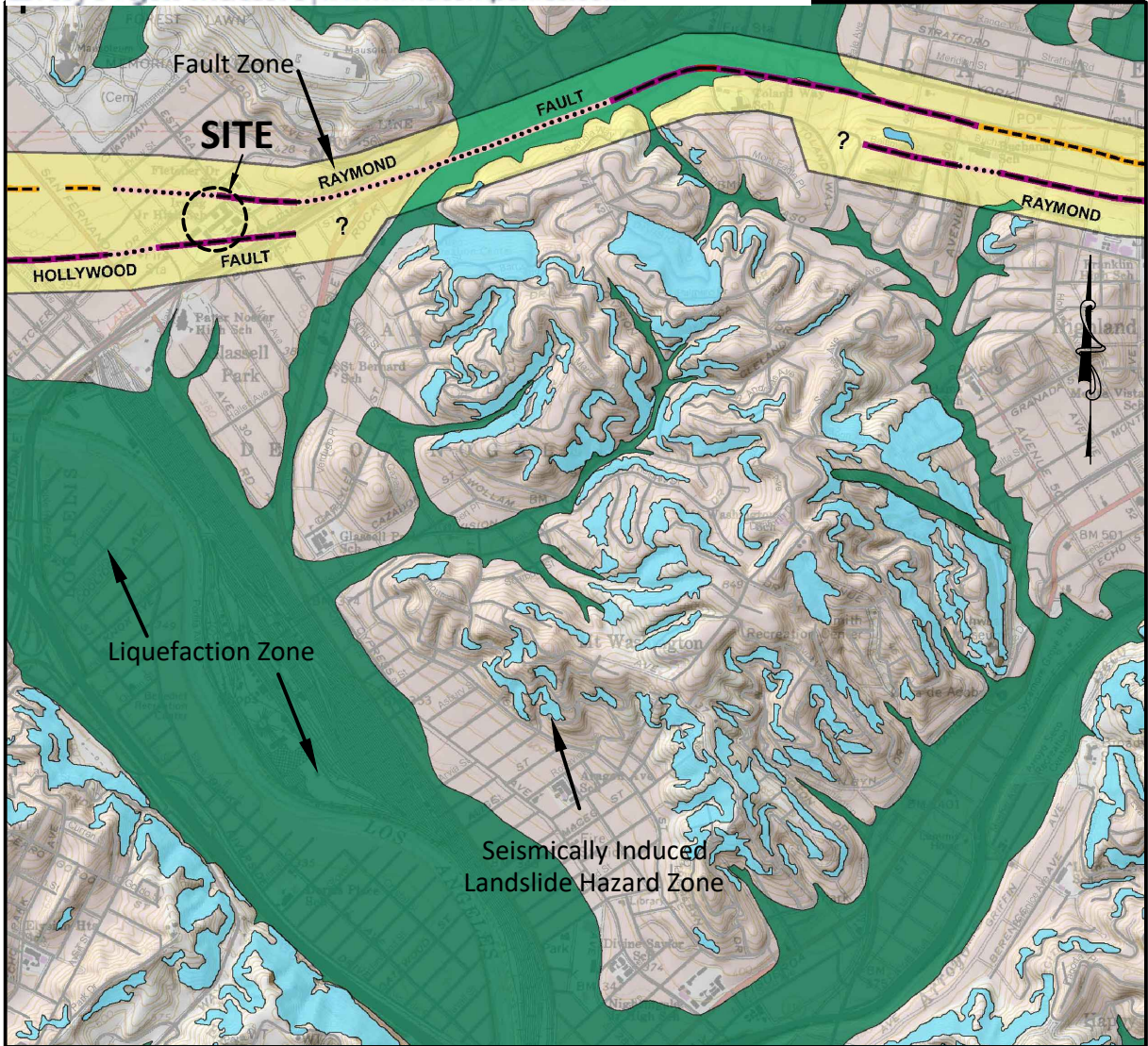
REGIONAL FAULT MAP

Scale: 1" ≈ 7.3 miles

Partial Legend

- Orange - Holocene fault displacement
- Green - Late Quaternary fault displacement
- Purple - Quaternary fault
- Black - Pre-Quaternary fault

Base Map: California Geological Survey Fault Activity Map of California, 2010



SEISMIC HAZARD ZONE MAP

ALQUIST-PRIOLO EARTHQUAKE FAULT ZONES

Earthquake Fault Zones

Zone boundaries are delineated by straight-line segments; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.



Active Fault Traces

Faults considered to have been active during Holocene time and to have potential for surface rupture: Solid Line in Black or Red where Accurately Located; Long Dash in Black or Solid Line in Purple where Approximately Located; Short Dash in Black or Solid Line in Orange where Inferred; Dotted Line in Black or Solid Line in Rose where Concealed; Query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.



Scale: 1" = 2,500'
(2017)

SEISMIC HAZARD ZONES

Liquefaction Zones

Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.



Earthquake-Induced Landslide Zones

Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.



OVERLAPPING ALQUIST-PRIOLO AND SEISMIC HAZARD ZONES



Overlap of Earthquake Fault Zone and Liquefaction Zone

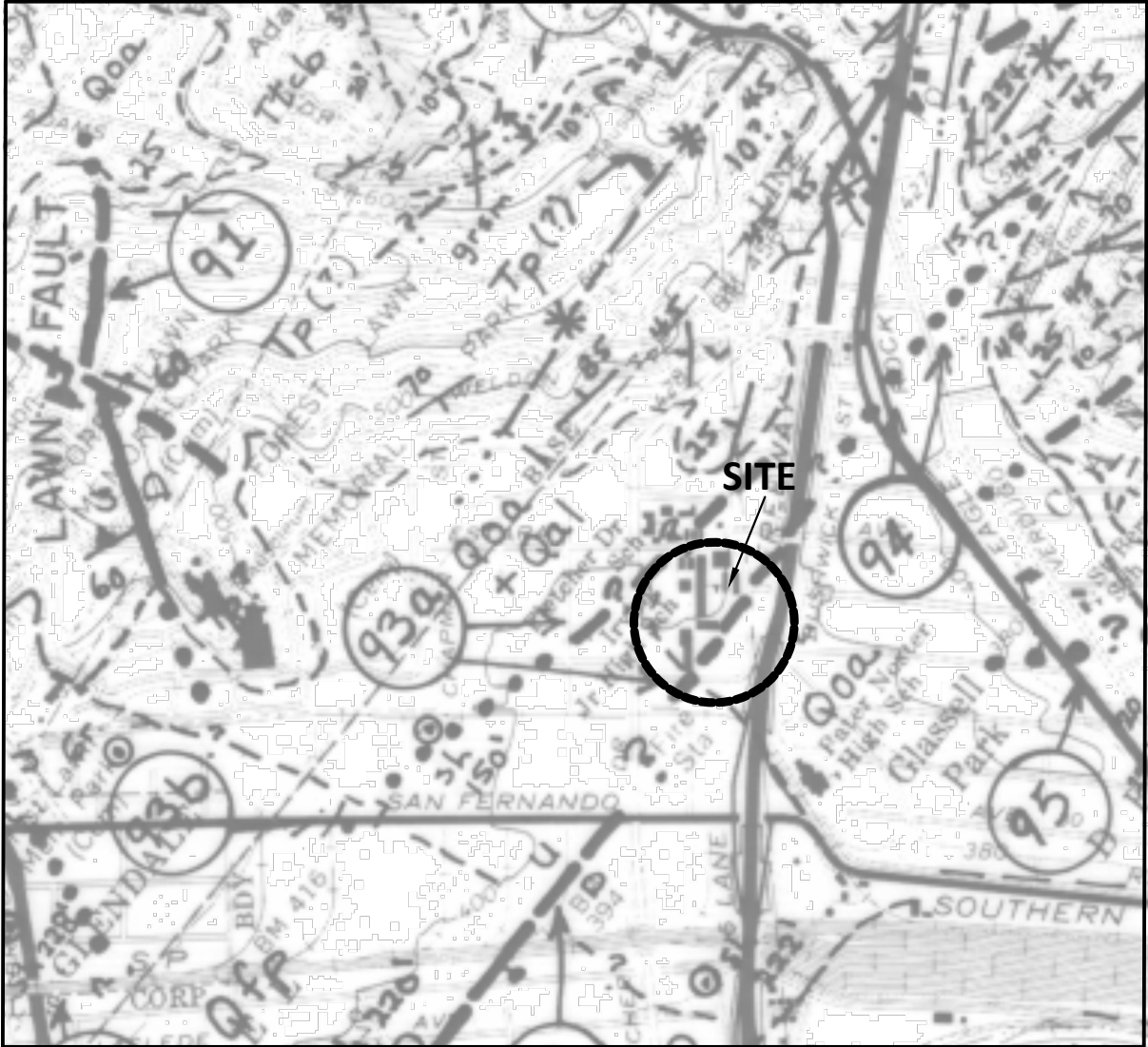
Areas that are covered by both Earthquake Fault Zone and Liquefaction Zone.



Overlap of Earthquake Fault Zone and Earthquake-Induced Landslide Zone

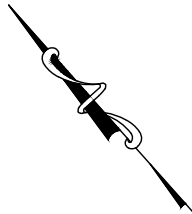
Areas that are covered by both Earthquake Fault Zone and Earthquake-Induced Landslide Zone.

Base Map: California Division of Mines and Geology, Seismic Hazard Zone Map, Los Angeles 7.5-Minute Quadrangle, 2017

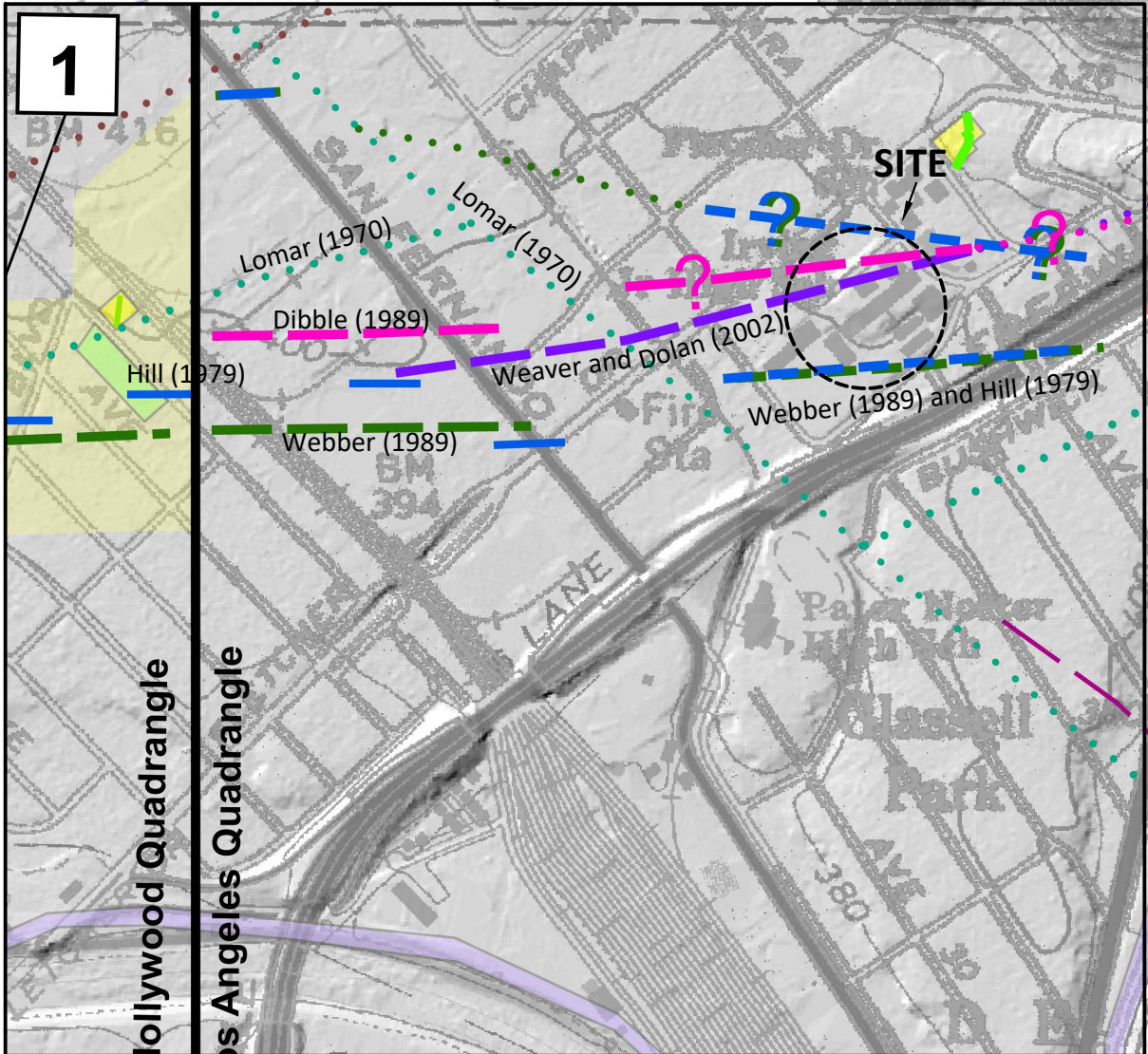


WEBER PRELIMINARY GEOLOGIC MAP

Scale: 1" = 1,000'



Base Map: Weber, Preliminary Geologic Map of the North-Central Los Angeles Area, Los Angeles, County, California Showing Features Related to Character and Regency of Faulting , 1980



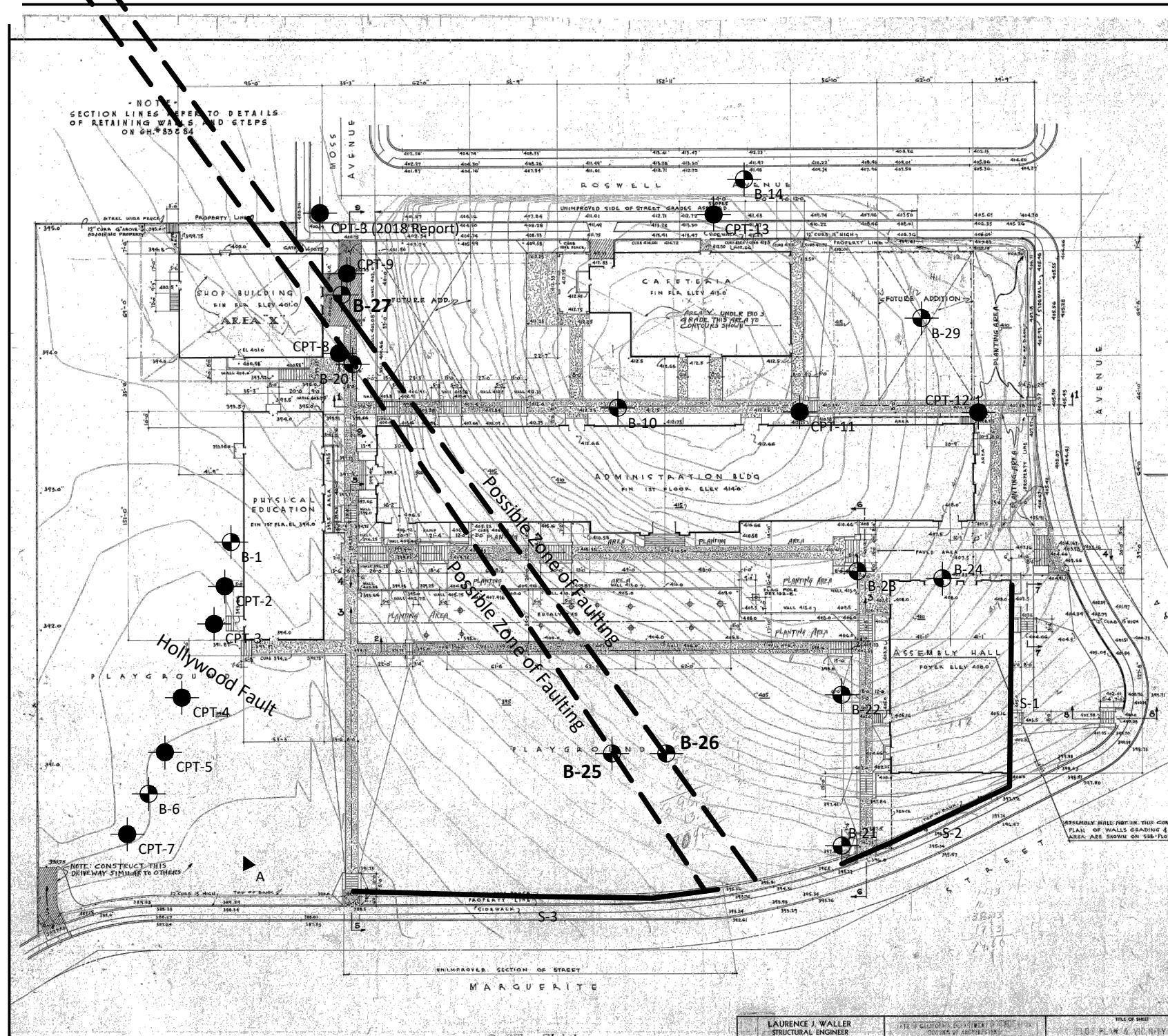
FER 260 FAULT LOCATION MAP

Scale: 1" = 1,000'




Base Map: Hernandez, J.L., 2017, The Hollywood and Raymond Faults in the Los Angeles 7.5-Minute Quadrangle Los Angeles County, California: California Geological Survey Fault Evaluation Report FER-260




SITE TOPOGRAPHIC MAP

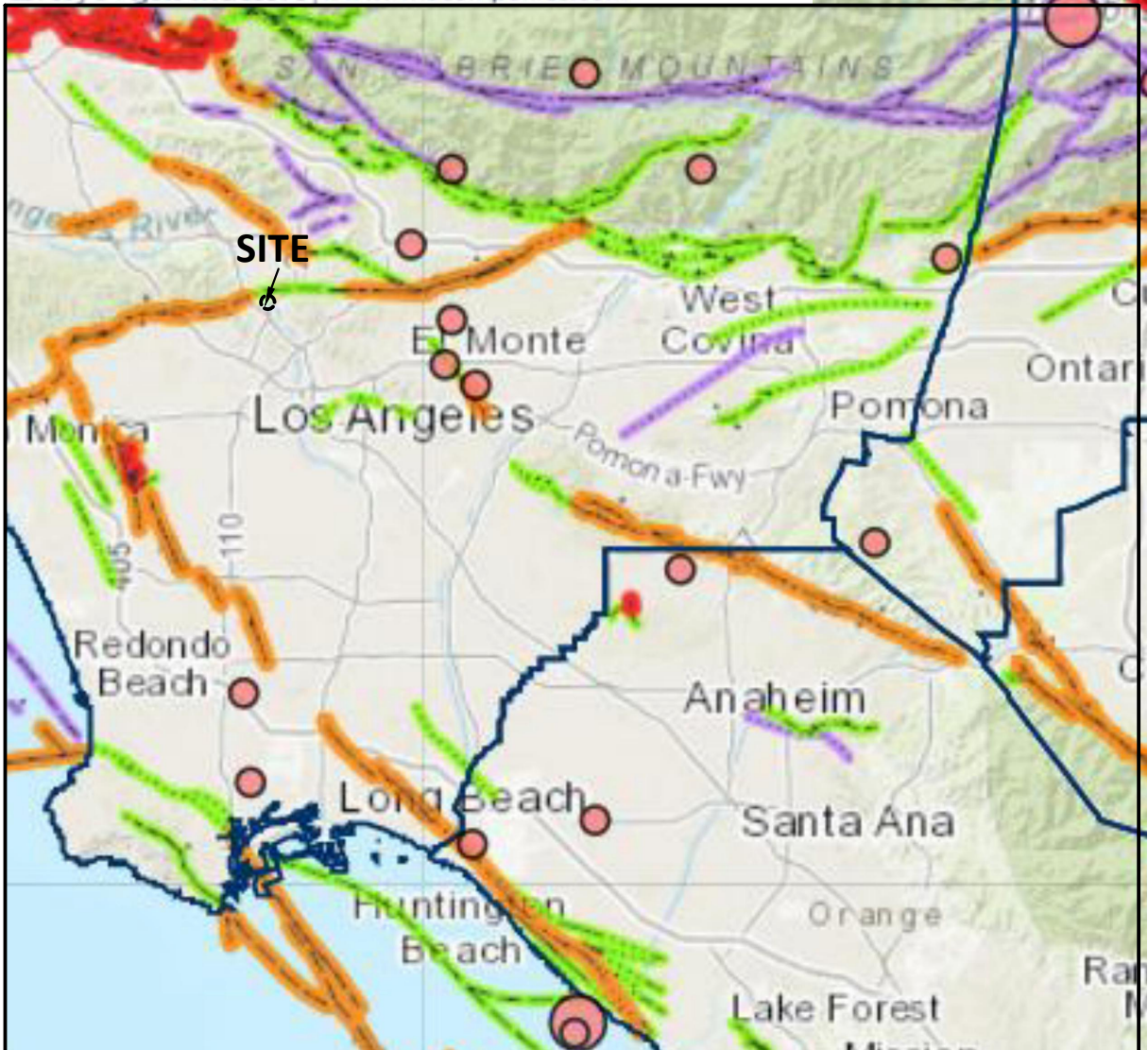


Scale: 1" = 100'

Geologic Legend

 - Location of Seismic Lines
S-1

-  - Older Alluvium
-  - Approximate location of exploratory boring
B-1
-  - Approximate location of CPT
CPT-1



HISTORIC EARTHQUAKE MAP

Scale: 1" = 35,000'



Base Map: Topozada, T. R., C. R. Real, and D. L. Parke (1981). Preparation of isoseismal maps and summaries of reported effects for pre-1900 California earthquakes, Calif. Div. Mines Geol, 2010.

NOTABLE FAULTS WITHIN 100 KILOMETERS AND SEISMIC DATA

Fault Zone & geometry	Distance (km)	Distance (mi.)	Maximum Moment Magnitude	Slip Rate (mm/yr)
Anacapa-Dume (r-ll-o)	44	27	7.5	3.0
Channel Islands Thrust (r)	96	60	7.5	1.5
Chino-Central Ave. (rl-r-o)	47	29	6.7	1.0
Clamshell-Sawpit (r)	23	14	6.5	0.5
Cleghorn (ll-ss)	75	47	6.5	3.0
Coronado Bank (rl-ss)	99	62	7.4	3.0
Cucamonga (r)	47	29	6.9	5.0
Elsinore - Glen Ivy (rl-ss)	63	39	6.8	5.0
Hollywood (ll-r-o)	0.1	0	6.4	1.0
Holser (r)	44	27	6.5	0.4
Malibu Coast (ll-r-o)	29	18	6.7	0.3
Newport-Inglewood (rl-ss)	16	10	6.9	1.5
North Frontal - Western (r)	92	57	7.2	1.0
Northridge (r)	24	15	7.0	1.5
Oak Ridge (r)	54	34	7.0	4.0
Palos Verde (rl-ss)	34	21	7.3	3.0
Puente Hills Blind Thrust (r)	8	5	7.1	0.7
Raymond (ll-r-o)	0.1	0	6.5	1.5
San Andreas (rl-ss)	9	6	7.5	24.0
San Cayetano (r)	60	37	7.0	6.0
San Gabriel (rl-ss)	23	14	7.2	1.0
San Jacinto (rl-ss)	69	43	6.7	12.0
San Joaquin Hills (r)	55	34	6.6	0.5
San Jose (ll-r-o)	35	22	6.4	0.5
Santa Monica (ll-r-o)	17	11	6.6	1.0
Santa Susana (r)	33	21	6.7	5.0
Santa Ynez (ll-ss)	80	50	7.0	2.0
Sierra Madre (r)	12	7	7.2	2.0
San Fernando (r)	19	12	6.7	2.0
Simi-Santa Rosa (ll-r-o)	46	29	7.0	1.0
Upper Elysian Park (r)	4	2	6.4	1.3
Verdugo (r)	5	3	6.9	0.5
Whittier (rl-ss)	25	16	6.8	2.5

Notes:

Fault geometry - (ss) strike slip, (r) reverse, (n) normal, (rl) right lateral, (ll) left lateral, (o) oblique
 Fault and Seismic Data - California Geological Survey (Cao), 2003

HISTORIC STRONG EARTHQUAKES IN SOUTHERN CALIFORNIA SINCE 1812

Date	Event	Causitive Fault	Magnitude	Epicentral Distance (miles)
Dec. 12, 1812	Wrightwood	San Andreas?	7.3	29
July 19, 1855	Los Angeles	unknown	7.0	4
Jan. 9, 1857	Fort Tejon	San Andreas	7.9	209
Dec. 16, 1858	San Bernardino Area	uncertain	6.0	56
Feb. 9, 1890	San Jacinto	uncertain	6.3	124
May 28, 1892	San Jacinto	uncertain	6.3	125
July 30, 1894	Lytle Creek	uncertain	6.0	40
July 22, 1899	Cajon Pass	uncertain	6.4	46
Dec. 25, 1899	San Jacinto	San Jacinto	6.7	77
Sept. 20, 1907	San Bernardino Area	uncertain	5.3	68
May 15, 1910	Elsinore	Elsinore	6.0	58
April 21, 1918	Hemet	San Jacinto	6.8	78
July 23, 1923	San Bernardino	San Jacinto	6.0	56
March 11, 1933	Long Beach	Newport-Inglewood	6.4	32
April 10, 1947	Manix	Manix	6.4	117
Dec. 4, 1948	Desert Hot Springs	San Andreas or Banning	6.5	110
July 21, 1952	Wheeler Ridge	White Wolf	7.3	77
Feb. 9, 1971	San Fernando	San Fernando	6.6	22
July 8, 1986	North Palm Springs	Banning or Garnet Hills	5.6	97
Oct. 1, 1987	Whittier Narrows	Puente Hills Thrust	6.0	11
Dec. 3, 1988	Pasadena	Raymond	5.0	6.7
Feb. 28, 1990	Upland	San Jose	5.5	32
June 28, 1991	Sierra Madre	Clamshell Sawpit	5.8	18
April 22, 1992	Joshua Tree	Eureka Peak	6.1	114
June 28, 1992	Landers	Johnson Valley & others	7.3	107
June 28, 1992	Big Bear	uncertain	6.5	83
Jan. 17, 1994	Northridge	Northridge Thrust	6.7	19
Oct. 16, 1999	Hector Mine	Lavic Lake	7.1	121

Notes:

Earthquake data: U.S.G.S. P.P. 1515 & online data, Southern California Earthquake Center & California Geological Survey online data

Magnitudes prior to 1932 are estimated from intensity.

Magnitudes after 1932 are moment, local or surface wave magnitudes.

Site Location:

Site Longitude: - 118.24244

Site Latitude: 34.11664



APPENDIX A
FIELD INVESTIGATION

APPENDIX A

FIELD INVESTIGATION

A-1.00 FIELD EXPLORATION

A-1.01 Number of Borings

Our subsurface investigation consisted of 8 exploratory borings drilled with a CME-75 rig, 12 CPT Tests, and 4 Seismic lines and 1 boring and 3 CPTs from a prior investigation performed by this office in .

A-1.02 Location of Borings

A Geologic Map showing the approximate locations of the borings is presented as Figure 2.

A-1.03 Boring Logging

Logs of borings were prepared by one of our staff and are attached in this appendix. The logs contain factual information and interpretation of subsurface conditions between samples. The strata indicated on these logs represent the approximate boundary between earth units and the transition may be gradual. The logs show subsurface conditions at the dates and locations indicated, and may not be representative of subsurface conditions at other locations and times.

Identification of the soils encountered during the subsurface exploration was made using the field identification procedure of the Unified Soils Classification System (ASTM D2488). A legend indicating the symbols and definitions used in this classification system and a legend defining the terms used in describing the relative compaction, consistency or firmness of the soil are attached in this appendix. Bag samples of the major earth units were obtained for laboratory inspection and testing, and the in-place density of the various strata encountered in the exploration was determined

PARTICLE SIZE LIMITS		MAJOR DIVISIONS	GROUP SYMBOLS	TYPICAL NAMES		
U.S. STANDARD SIEVE SIZE No. 200 No. 40 No. 10 No. 4 3/4 in. 3 in. 12 in.	BOULDERS	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size.)	 CLEAN GRAVELS (Little or no fines)	GW Well graded gravel, gravel-sand mixtures, little or no fines.		
	COBBLES		 GRAVELS WITH FINES (Appreciable amt. of fines)	GP Poorly graded gravel or gravel-sand mixtures, little or no fines.		
	GRAVEL		(More than 50% of material is LARGER than No. 200 sieve size)	COARSE GRAINED SOILS	 CLEAN SANDS (Little or no fines)	GM Silty gravels, gravel-sand-silt mixtures.
					 SANDS WITH FINES (Appreciable amount of fines)	GC Clayey gravels, gravel-sand-clay mixtures.
	SAND		(More than 50% of coarse fraction is SMALLER than the No. 4 sieve size)	SANDS	 CLEAN SANDS (Little or no fines)	SW Well graded sands, gravelly sands, little or no fines.
					 SANDS WITH FINES (Appreciable amount of fines)	SP Poorly graded sands or gravelly sands, little or no fines.
	FINE	(More than 50% of material is SMALLER than No. 200 sieve size)	FINE GRAINED SOILS	 SILTS AND CLAYS (Liquid limit LESS than 50)	SM Silty sands, sand-silt mixtures.	
				 SILTS AND CLAYS (Liquid limit GREATER than 50)	SC Clayey sands, sand-clay mixtures.	
	SILT OR CLAY	(More than 50% of material is SMALLER than No. 200 sieve size)	FINE GRAINED SOILS	 SILTS AND CLAYS (Liquid limit LESS than 50)	ML Inorganic silts and very fine sands, rock flour silty or clayey fine sands or clayey silts with slight plasticity	
				 SILTS AND CLAYS (Liquid limit GREATER than 50)	CL Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.	
				 SILTS AND CLAYS (Liquid limit GREATER than 50)	OL Organic silts and organic silty clays of low plasticity.	
				 SILTS AND CLAYS (Liquid limit GREATER than 50)	MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.	
	SILT OR CLAY	(More than 50% of material is SMALLER than No. 200 sieve size)	FINE GRAINED SOILS	 SILTS AND CLAYS (Liquid limit GREATER than 50)	CH Inorganic clays of high plasticity, fat clays.	
				 SILTS AND CLAYS (Liquid limit GREATER than 50)	OH Organic clays of medium to high plasticity, organic silts.	
HIGHLY ORGANIC SOILS		 HIGHLY ORGANIC SOILS	Pt Peat and other highly organic soils.			

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

UNIFIED SOIL CLASSIFICATION SYSTEM

I. SOIL STRENGTH/DENSITY

BASED ON STANDARD PENETRATION TESTS

Apparent Density of sand		Consistency of clay	
Penetration Resistance N (blows/Ft)	Apparent density	Penetration Resistance N (blows/ft)	Consistency
0-4	Very Loose	<2	Very Soft
4-10	Loose	2-4	Soft
10-30	Medium Dense	4-8	Medium Stiff
30-50	Dense	8-15	Stiff
>50	Very Dense	15-30	Very Stiff
		>30	Hard

N = Number of blows of 140 lb. weight falling 30 in. to drive 2-in OD sampler 1 ft.

BASED ON RELATIVE COMPACTION

Compactness of sand		Consistency of clay	
% Compaction	Compactness	% Compaction	Consistency
<75	Loose	<80	Soft
75-83	Medium Dense	80-85	Medium Stiff
83-90	Dense	85-90	Stiff
>90	Very Dense	>90	Very Stiff

II. SOIL MOISTURE

Description	Criteria
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but not visible water
Wet	Visible free water, usually soil is below water table

SOIL DESCRIPTION LEGEND

Exploratory Boring Log

Boring No. B-1

Sheet 1 of 2

Date Drilled: 12-20-21
 Logged By: JP
 Location: 34.116006, -118.241626
 Elevation (ft): 397'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description <small>This log contains factual information and interpretation of the subsurface conditions between the samples. The stratum indicated on this log represent the approximate boundary between earth units and the transition may be gradual. The log show subsurface conditions at the date and location indicated, and may not be representative of subsurface conditions at other locations and times.</small>
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 2"						--		Asphalt: 2" Base: None
2" - 5'	R	25		18.3	107.5	CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
5' - 10'	R	64		12.9	119.2	CL		SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
10' - 15'	S	22		15.3				
15' - 20'	S	41		8.1		SM		SILTY SAND (SM); dense; light brown; slightly moist; trace of fine gravel.
20' - 25'	S	43		3.7				

Sample Types:

- Ring Sample
- Bulk Sample
- Groundwater
- Tube Sample
- SPT Sample
- End of Boring

Exploratory Boring Log

Boring No. B-1

Sheet 2 of 2

Date Drilled: 12-20-21

Drilling Equipment: CME-75

Logged By: JP

Boring Hole Diameter: 8"

Location: 34.116006, -118.241626

Drive Weights: 140 lbs.

Elevation (ft): 397'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	80/5"		2.4		-		Topanga Formation (Tsh) SILTY SAND STONE; very dense; light brown; slightly moist; fine grained.
35	[S]	75/6"		4.1				
40								Total depth 36.5' No Groundwater encountered Bore hole backfilled
45								
50								

Sample Types:

- [R] - Ring Sample [] - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-6

Sheet 1 of 2

Date Drilled: 12-20-21

Drilling Equipment: CME-75

Logged By: JP

Boring Hole Diameter: 6'

Location: 34.115637, -118.241363

Drive Weights: 140 lbs.

Elevation (ft): 393'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
						--		Asphalt: 2" Base: None
						CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
						CL		SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity
5	[S]	36		15.6	117.0			
10	[S]	62		10.1	122.8			
15	[S]	32		13.8				
20	[S]	21		7.7		SM		SILTY SAND (SM); medium dense to dense; red brown; slightly moist; trace of fine gravel.
25	[S]	43		7.2				

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-6

Sheet 2 of 2

Date Drilled: 12-20-21

Drilling Equipment: CME-75

Logged By: JP

Boring Hole Diameter: 8"

Location: 34.115637, -118.241363

Drive Weights: 140 lbs.

Elevation (ft): 393'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	70/6"		3.0		-		Topanga Formation (Tsh) SILTY SAND STONE; very dense; light brown; slightly moist; fine grained.
35	[S]	85/6"		3.5				
40	[S]	77		4.3				
45	[S]	80/6"		3.7				
50	[S]	30		18.4				
								Total depth 51.5' No Groundwater encountered Bore hole backfilled

Sample Types:

- [R] - Ring Sample [] - Bulk Sample ∇ - Groundwater
- [T] - Tube Sample [S] - SPT Sample ▴ - End of Boring

Exploratory Boring Log

Boring No. B-10

Sheet 1 of 2

Date Drilled: 12-20-21

Drilling Equipment: CME-75

Logged By: JP

Boring Hole Diameter: 6'

Location: 34.116702, -118.241158

Drive Weights: 140 lbs.

Elevation (ft): 413'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
5 10 15 20 25	[S]	19		19.5		CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
	[S]	20		18.5		CL		SANDY lean CLAY (CL); hard; dark brown; dry; trace of fine gravel and calcium carbonate stringers; medium plasticity
	[S]	26		12.3				Color grades to dark brown.
	[S]	31		23.6				
								Total depth 21.5' No groundwater encountered. Bore hole backfilled

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-14

Sheet 1 of 2

Date Drilled: 12-21-21
 Logged By: JP
 Location: 34.117049, -118.241496
 Elevation (ft): 411'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
								<p>This log contains factual information and interpretation of the subsurface conditions between the samples. The stratum indicated on this log represent the approximate boundary between earth units and the transition may be gradual. The log show subsurface conditions at the date and location indicated, and may not be representative of subsurface conditions at other locations and times.</p> <p>Asphalt: 4" Base: 6"</p>
5	R	51		13.0	120.0	SC		Artificial fill/Disturbed soil; CLAYEY SAND (SC); hard; dark brown; moist; medium plasticity.
10	R	45		11.1	109.4	SC		CLAYEY SAND (SC); dense to very dense; light brown; slightly moist; trace of fine gravel.
15	S	20		19.1		CL		SANDY lean CLAY (CL); very stiff; gray; moist; trace of fine gravel and calcium carbonate stringers; medium plasticity Perched groundwater encountered at ~16'-19'
20	S	21		26.3				Color grades to brown.
25	S	13		24.4				

Sample Types:

- Ring Sample
- Bulk Sample
- Groundwater
- Tube Sample
- SPT Sample
- End of Boring

Exploratory Boring Log

Boring No. B-14

Sheet 2 of 2

Date Drilled: 12-21-21
 Logged By: JP
 Location: 34.117049, -118.241496
 Elevation (ft): 411'

Drilling Equipment: CME-75
 Boring Hole Diameter: 8"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	29		24.3		CL		This log contains factual information and interpretation of the subsurface conditions between the samples. The stratum indicated on this log represent the approximate boundary between earth units and the transition may be gradual. The log show subsurface conditions at the date and location indicated, and may not be representative of subsurface conditions at other locations and times. SANDY lean CLAY (CL); hard; brown; moist; trace of fine gravel; medium plasticity
35	[S]	34		22.5				
40	[S]	26		25.0				
45	[S]	51		22.6				
50	[S]	29		26.7				
								Total depth 51.5' No groundwater encountered Bore hole backfilled

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring



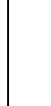




Exploratory Boring Log

Boring No. B-17







Sheet 1 of 2

Date Drilled: 12-21-21
 Logged By: JP
 Location: 34.117579, -118.241314
 Elevation (ft): 403'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
								Asphalt: 2" Base: None
						CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
5	R	67		13.0	119.2	CL		SANDY lean CLAY (CL); stiff; red brown; moist; trace of fine gravel; medium plasticity
10	R	82/6"		3.6	113.3	SM		SILTY SAND (SM); dense; light brown; slightly moist; trace of fine gravel.
15	S	17		19.7		CL		SANDY lean CLAY (CL); hard; dark brown; dry; trace of fine gravel; medium plasticity
20	S	28		16.7		SM		SILTY SAND (SM); medium dense; light brown; slightly moist; trace of fine gravel. Perched groundwater encountered at ~19'-23'
25	S	22		19.2		CL		SANDY lean CLAY (CL); hard; dark brown; moist; trace of fine gravel; medium plasticity

Sample Types:

-  - Ring Sample
-  - Bulk Sample
-  - Groundwater
-  - Tube Sample
-  - SPT Sample
-  - End of Boring

Exploratory Boring Log

Boring No. B-17

Sheet 2 of 2

Date Drilled: 12-21-21

Drilling Equipment: CME-75

Logged By: JP

Boring Hole Diameter: 8"

Location: 34.117579, -118.241314

Drive Weights: 140 lbs.

Elevation (ft): 403'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	15		22.1		CL		SANDY lean CLAY (CL); very stiff to hard; brown; hard; trace of fine gravel with calcium carbonate stringers; medium plasticity
35	[S]	19		28.2				
40	[S]	21		24.3				
45	[S]	41		22.5				
50	[S]	40		31.2				
								Total depth 51.5' Visible water zone @ 20' Bore hole backfilled

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-20

Sheet 1 of 2

Date Drilled: 12-21-21
 Logged By: JP
 Location: 34.116412, -118.241680
 Elevation (ft): 402'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
5 10 15 20 25	[S]	19		19.5		CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
	[S]	20		18.5		CL		SANDY lean CLAY (CL); hard; dark brown; dry; trace of fine gravel and calcium carbonate stringers; medium plasticity
	[S]	26		12.3				Color grades to dark brown.
	[S]	31		23.6				
								Total depth 31.5' No groundwater encountered. Bore hole backfilled
						SM		SILTY SAND (SM); dense; light brown; slightly moist; trace of fine gravel.

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-21

Sheet 1 of 2

Date Drilled: 11-22-21
 Logged By: JP
 Location: 34.116368, -118.240158
 Elevation (ft): 401'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 5	R	29		13.4	114.7	CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
5 - 10	R	44		10.5	119.2	CL		SANDY lean CLAY (CL); very stiff; brown; moist; trace of fine gravel; medium plasticity
10 - 15								Increase in poorly graded sand and trace gravel content, hard.
15 - 20	S	18		17.6				Perched groundwater encountered at ~15'-19' Atterberg @15' : LL-32 PL-15 PI-17
20 - 25	S	28		14.5		SC		CLAYEY SAND (SC); dense; dark brown; moist; trace of fine gravel. Percent #200 Passing @ 20': 35.5%
25 - 30	S	21		20.1		CL		SANDY lean CLAY (CL); very stiff; brown; moist; trace of fine gravel; medium plasticity

Sample Types:

- Ring Sample
- Bulk Sample
- Groundwater
- Tube Sample
- SPT Sample
- End of Boring

Exploratory Boring Log

Boring No. B-21

Sheet 2 of 2

Date Drilled: 11-22-21
 Logged By: JP
 Location: 34.116368, -118.240158
 Elevation (ft): 401'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 8"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	30		15.8		CL		<p>This log contains factual information and interpretation of the subsurface conditions between the samples. The stratum indicated on this log represent the approximate boundary between earth units and the transition may be gradual. The log show subsurface conditions at the date and location indicated, and may not be representative of subsurface conditions at other locations and times.</p> <p>SANDY lean CLAY (CL); hard; brown; moist; trace of fine gravel; medium plasticity</p> <hr/> <p>CLAYEY SAND (SC); medium dense to dense; dark brown; moist; trace of fine gravel. Percent #200 Passing @ 35': 35.9%</p> <p>Increase in moisture, wet.</p> <p>Total depth 51.5' Perched water layer @15' Bore hole backfilled</p>
35	[S]	34		13.9		SC		
40	[S]	19		12.1				
45	[S]	22		21.1				
50	[S]	33		13.6				

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-22

Sheet 1 of 2

Date Drilled: 11-23-21
 Logged By: JP
 Location: 34.116554, -118.240375
 Elevation (ft): 407'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
5	[S]	16		13.2		SC		Artificial fill/Disturbed soil; CLAYEY SAND (SC); hard; dark brown; moist; medium plasticity.
						SC		CLAYEY SAND (SC); medium dense; red brown; moist; trace of fine gravel.
10	[S]	25		5.9				
15	[S]	28		17.0		CL		SANDY lean CLAY (CL); very stiff to hard; red brown; moist; trace of fine gravel; medium plasticity
20	[S]	31		19.2				Perched groundwater encountered at ~18'-22' Visible water zone, wet.
25	[S]	39		12.9				Increase in sand content, decrease in moisture, moist.

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-22

Sheet 2 of 2

Date Drilled: 11-23-21

Drilling Equipment: Mini mole LAR

Logged By: JP

Boring Hole Diameter: 8"

Location: 34.116554, -118.240375

Drive Weights: 140 lbs.

Elevation (ft): 407'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
29	S	29				CL		<p>SANDY lean CLAY (CL); hard; yellow brown; dry; trace of fine gravel; medium plasticity</p>
35	S	62						
40	S	32						
45	S	30						
50	S	56						
								<p>Total depth 51.5' Perched water layer at 20' Bore hole backfilled</p>

Sample Types:

- R - Ring Sample B - Bulk Sample - Groundwater
- T - Tube Sample S - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-23

Sheet 1 of 2

Date Drilled: 11-23-21
 Logged By: JP
 Location: 34.116746, -118.240548
 Elevation (ft): 411'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
5	[R]	20		5.0	99.7	CL		Artificial fill/Disturbed soil; CLAYEY SAND (SC); hard; dark brown; moist; medium plasticity.
						SC		CLAYEY SAND (SC); medium dense; yellow brown; dry; trace of fine gravel.
10	[S]	18		11.0		CL		SANDY lean CLAY (CL); very stiff; red brown; dry; trace of fine gravel; medium plasticity @10', 2" layer of poorly graded sand.
	[S]	13		11.3				
15	[S]	19		17.1				
20	[S]	15		22.7				Perched groundwater encountered at ~18'-22'
25	[S]	29		25.1				Increase in sand content, decrease in moisture, moist.

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-23

Sheet 2 of 2

Date Drilled: 11-23-21

Drilling Equipment: Mini mole LAR

Logged By: JP

Boring Hole Diameter: 8"

Location: 34.116746, -118.240548

Drive Weights: 140 lbs.

Elevation (ft): 411'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	36		27.5		CL		<p>SANDY lean CLAY (CL); hard; yellow brown; moist; trace of fine gravel; medium plasticity</p>
35	[S]	36		27.9				
40	[S]	33		34.5				
45	[S]	31		36.3				
50	[S]	27		23.8				
								<p>Total depth 51.5' Perched water layer at 20' Bore hole backfilled</p>

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-24

Sheet 1 of 2

Date Drilled: 11-24-21
 Logged By: JP
 Location: 34.116868, -118.240373
 Elevation (ft): 409'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 6"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
						SC		Artificial fill/Disturbed soil; CLAYEY SAND (SC); hard; dark brown; moist; medium plasticity.
5	R	21		4.0	106.3	SC		CLAYEY SAND (SC); medium dense; red brown; moist; trace of fine gravel. Percent #200 Passing @ 4': 46.7%
10	R	52		4.0	123.4	CL		SANDY lean CLAY (CL); hard to very stiff; red brown; moist; trace of fine gravel; medium plasticity
15	S	19		17.4				Perched groundwater encountered at ~15'-18' Atterberg @15' : LL-40 PL-14 PI-26
20	S	16		14.8				Decrease in moisture, moist.
25	S	20		18.0				

Sample Types:

- Ring Sample
- Bulk Sample
- Groundwater
- Tube Sample
- SPT Sample
- End of Boring

Exploratory Boring Log

Boring No. B-24

Sheet 2 of 2

Date Drilled: 11-24-21

Drilling Equipment: Mini mole LAR

Logged By: JP

Boring Hole Diameter: 8"

Location: 34.116868, -118.240373

Drive Weights: 140 lbs.

Elevation (ft): 409'

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	22		25.8		CL		<p>This log contains factual information and interpretation of the subsurface conditions between the samples. The stratum indicated on this log represent the approximate boundary between earth units and the transition may be gradual. The log show subsurface conditions at the date and location indicated, and may not be representative of subsurface conditions at other locations and times.</p> <p>SANDY lean CLAY (CL); hard; yellow brown; moist; trace of fine gravel; medium plasticity</p> <p>Increase in moisture, wet.</p> <p>Total depth 51.5' Perched water layer at 15' Bore hole backfilled</p>
35	[S]	39		25.4				
40	[S]	34		33.7				
45	[S]	29		26.5				
50	[S]	54		34.1				

Sample Types:

- [R] - Ring Sample [] - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-25

Sheet 1 of 2

Date Drilled: 12-20-22
 Logged By: SL
 Location: 34.116177, -118.240697
 Elevation (ft): 401'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
5	[S]	32				CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown; moist; medium plasticity.
						CL		SANDY lean CLAY (CL); very stiff; brown; moist; trace of gravel; medium plasticity
								Increase in sand and trace gravel content, hard.
								CLAYEY SAND (SC); dense; dark brown; moist; trace of gravel.
10	[S]	37						
15	[S]	30						
20	[S]	42						
25	[S]	36				CL		SANDY lean CLAY (CL); very stiff; brown; moist; trace of fine gravel; medium plasticity

Sample Types:

- [R] - Ring Sample [B] - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring




Exploratory Boring Log

Boring No. B-25



Sheet 2 of 2

Date Drilled: 12-20-22
 Logged By: SL
 Location: 34.116177, -118.240697
 Elevation (ft): 401'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 8"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
35	[S]	80/5"		2.4		CL		SANDY lean CLAY (CL); very stiff; brown; moist; trace of fine gravel; medium plasticity
35	[S]	75/6"		4.1				
40								Topanga Formation (Tsh) SILTY SAND STONE; very dense; light brown; slightly moist; fine grained.
45								Total depth 41.0' No Groundwater encountered Bore hole backfilled
50								

Sample Types:

- [R] - Ring Sample [] - Bulk Sample  - Groundwater
- [T] - Tube Sample [S] - SPT Sample  - End of Boring

Exploratory Boring Log

Boring No. B-26

Sheet 1 of 2

Date Drilled: 12-20-22
 Logged By: SL
 Location: 34.116242, -118.240595
 Elevation (ft): 401'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 5	[S]	36				CL		Artificial fill/Disturbed soil; SANDY lean CLAY (CL); hard; dark brown
5 - 10	[S]	33				SC		CLAYEY SAND (SC); dense to very dense; light brown; slightly moist; trace of fine gravel.
10 - 15	[S]	33				CL		SANDY lean CLAY (CL); very stiff; gray; moist; trace of fine gravel and calcium carbonate stringers; medium plasticity
15 - 20	[S]	41				CL		
20 - 25	[S]	31				CL		Color grades to brown.

Sample Types:

- [R] - Ring Sample [B] - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-26

Sheet 2 of 2

Date Drilled: 12-20-22
 Logged By: SL
 Location: 34.116242, -118.240595
 Elevation (ft): 401'

Drilling Equipment: Mini mole LAR
 Boring Hole Diameter: 8"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
	[S]	41				CL		<p>SANDY lean CLAY (CL); hard; brown; moist; trace of fine gravel; medium plasticity</p>
35	[S]	38						
40	[S]	56						
45	[S]	55						
50	[S]	66						
								<p>Total depth 51.5' No groundwater encountered Bore hole backfilled</p>

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-27

Sheet 1 of 2

Date Drilled: 1-9-23
 Logged By: SL
 Location: 34.116495, -118.241779
 Elevation (ft): 408'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
								Asphalt: 2" Base: None
5	[S]	37				SC		CLAYEY SAND (SC); dense to very dense; light brown; slightly moist; trace of fine gravel.
10	[S]	54						
15	[S]	52				CL		SANDY lean CLAY (CL); very stiff; gray; moist; trace of fine gravel and calcium carbonate stringers; medium plasticity
20	[S]	60						
25	[S]	57						Transitions to gray brown.

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-27

Sheet 2 of 2

Date Drilled: 1-9-23
 Logged By: SL
 Location: 34.116495, -118.241779
 Elevation (ft): 403'

Drilling Equipment: CME-75
 Boring Hole Diameter: 8"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
35	[S]	71				CL		SANDY lean CLAY (CL); hard; brown; moist; trace of fine gravel; medium plasticity
35	[S]	73						
40	[S]	50-6"						
40								Topanga Formation (Tsh) SILTY SAND STONE; very dense; light brown; slightly moist; fine grained.
45								Total depth 41.5' No groundwater encountered Bore hole backfilled
50								

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-28

Sheet 1 of 1

Date Drilled: 1-9-23
 Logged By: SL
 Location: 34.117202, -118.242035
 Elevation (ft): 400'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 2								Asphalt: 2" Base: None
2 - 15.5	S	35	[Hatched Box]			SC	[Diagonal Dotted Pattern]	CLAYEY SAND (SC); dense to very dense; light brown; slightly moist; traces of gravel.
5	S	57						
10	S	59						
15							[End of Boring Symbol]	Total depth 15.5' No groundwater encountered Bore hole backfilled
20								
25								

Sample Types:

- [R] - Ring Sample [Hatched Box] - Bulk Sample [Wavy Line] - Groundwater
- [T] - Tube Sample [S] - SPT Sample [End of Boring Symbol] - End of Boring

Exploratory Boring Log

Boring No. B-29

Sheet 1 of 1

Date Drilled: 1-9-23
 Logged By: SL
 Location: 34.117178, -118.240795
 Elevation (ft): 412'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 2.5								Asphalt: 2" Base: None
2.5 - 10.5	[S]	55				SC		CLAYEY SAND (SC); dense to very dense; light brown; slightly moist; traces of gravel.
10.5 - 15	[S]	55						Total depth 10.5' No groundwater encountered Bore hole backfilled
15 - 20	[S]	55						
20 - 25	[S]							

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-30

Sheet 1 of 1

Date Drilled: 1-9-23
 Logged By: SL
 Location: 34.115289, -118.241847
 Elevation (ft): 398'

Drilling Equipment: CME-75
 Boring Hole Diameter: 6'
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 2								Asphalt: 2" Base: None
2 - 10.5	[S]	56				SC		CLAYEY SAND (SC); dense to very dense; light brown; slightly moist; traces of gravel.
10.5 - 15	[S]	55						Total depth 10.5' No groundwater encountered Bore hole backfilled
15 - 20	[S]							
20 - 25	[S]							

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

SUMMARY
OF
CONE PENETRATION TEST DATA

Project:

**Irving STEAM Magnet School
Los Angeles, CA
November 22, 2021**

Prepared for:

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- CPT Classification/Soil Behavior Chart
- Summary of Shear Wave Velocities
- CPT Data Files (sent via email)

SUMMARY OF CONE PENETRATION TEST DATA

1. INTRODUCTION

This report presents the results of a Cone Penetration Test (CPT) program carried out for the Irving STEAM Magnet School project located in Los Angeles, California. The work was performed by Kehoe Testing & Engineering (KTE) on November 22, 2021. The scope of work was performed as directed by RMA Group personnel.

2. SUMMARY OF FIELD WORK

The fieldwork consisted of performing CPT soundings at seven locations to determine the soil lithology. A summary is provided in **TABLE 2.1**.

LOCATION	DEPTH OF CPT (ft)	COMMENTS/NOTES:
CPT-8	46	Refusal
CPT-9	47	Refusal
CPT-13	50	
CPT-15	50	
CPT-16	50	
CPT-18	50	
CPT-19	50	

TABLE 2.1 - Summary of CPT Soundings

3. FIELD EQUIPMENT & PROCEDURES

The CPT soundings were carried out by **KTE** using an integrated electronic cone system manufactured by Vertek. The CPT soundings were performed in accordance with ASTM standards (D5778). The cone penetrometers were pushed using a 30-ton CPT rig. The cone used during the program was a 15 cm² cone with a cone net area ratio of 0.83. The following parameters were recorded at approximately 2.5 cm depth intervals:

- Cone Resistance (qc)
- Sleeve Friction (fs)
- Dynamic Pore Pressure (u)
- Inclination
- Penetration Speed

At location CPT-13, shear wave measurements were obtained at approximately 10-foot intervals. The shear wave is generated using an air-actuated hammer, which is located inside the front jack of the CPT rig. The cone has a triaxial geophone, which recorded the shear wave signal generated by the air hammer.

The above parameters were recorded and viewed in real time using a laptop computer. Data is stored at the KTE office for up to 2 years for future analysis and reference. A complete set of baseline readings was taken prior to each sounding to determine temperature shifts and any zero load offsets. Monitoring base line readings ensures that the cone electronics are operating properly.

4. CONE PENETRATION TEST DATA & INTERPRETATION

The Cone Penetration Test data is presented in graphical form in the attached Appendix. These plots were generated using the CPeT-IT program. Penetration depths are referenced to ground surface. The soil behavior type on the CPT plots is derived from the attached CPT SBT plot (Robertson, "Interpretation of Cone Penetration Test...", 2009) and presents major soil lithologic changes. The stratigraphic interpretation is based on relationships between cone resistance (q_c), sleeve friction (f_s), and penetration pore pressure (u). The friction ratio (R_f), which is sleeve friction divided by cone resistance, is a calculated parameter that is used along with cone resistance to infer soil behavior type. Generally, cohesive soils (clays) have high friction ratios, low cone resistance and generate excess pore water pressures. Cohesionless soils (sands) have lower friction ratios, high cone bearing and generate little (or negative) excess pore water pressures.

The CPT data files have also been provided. These files can be imported in CPeT-IT (software by GeoLogismiki) and other programs to calculate various geotechnical parameters.

It should be noted that it is not always possible to clearly identify a soil type based on q_c , f_s and u . In these situations, experience, judgement and an assessment of the pore pressure data should be used to infer the soil behavior type.

If you have any questions regarding this information, please do not hesitate to call our office at (714) 901-7270.

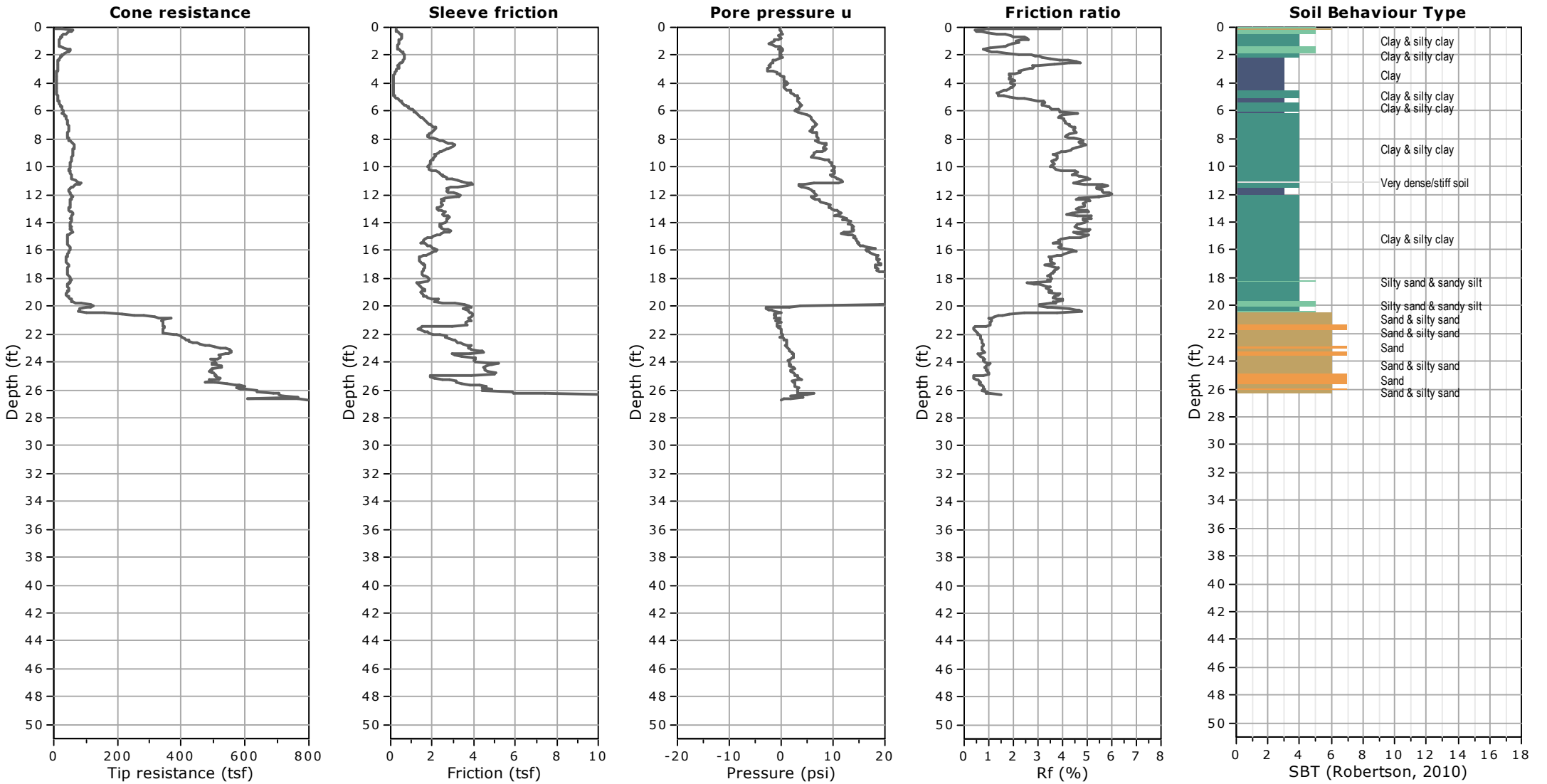
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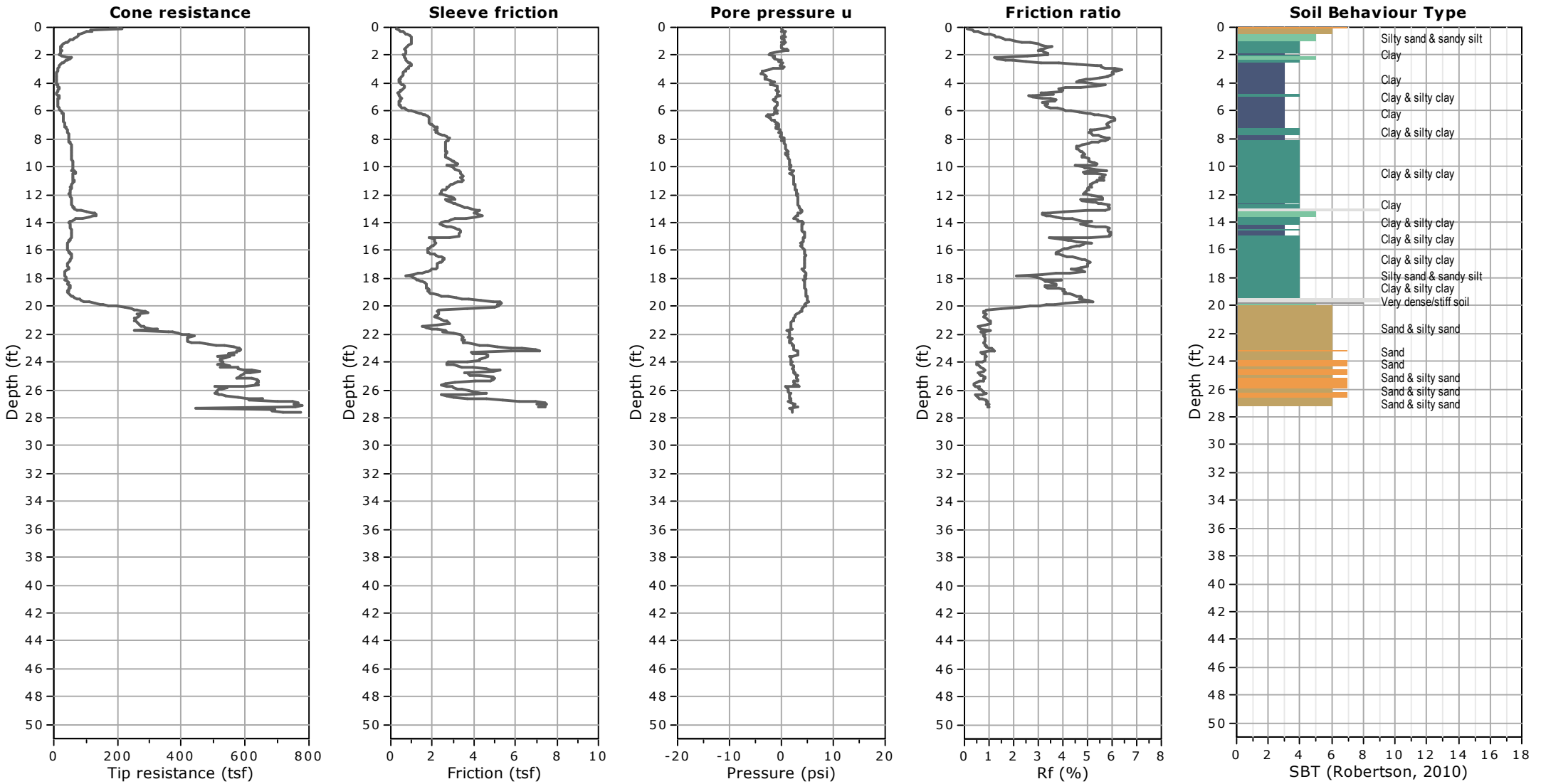
KEHOE TESTING & ENGINEERING

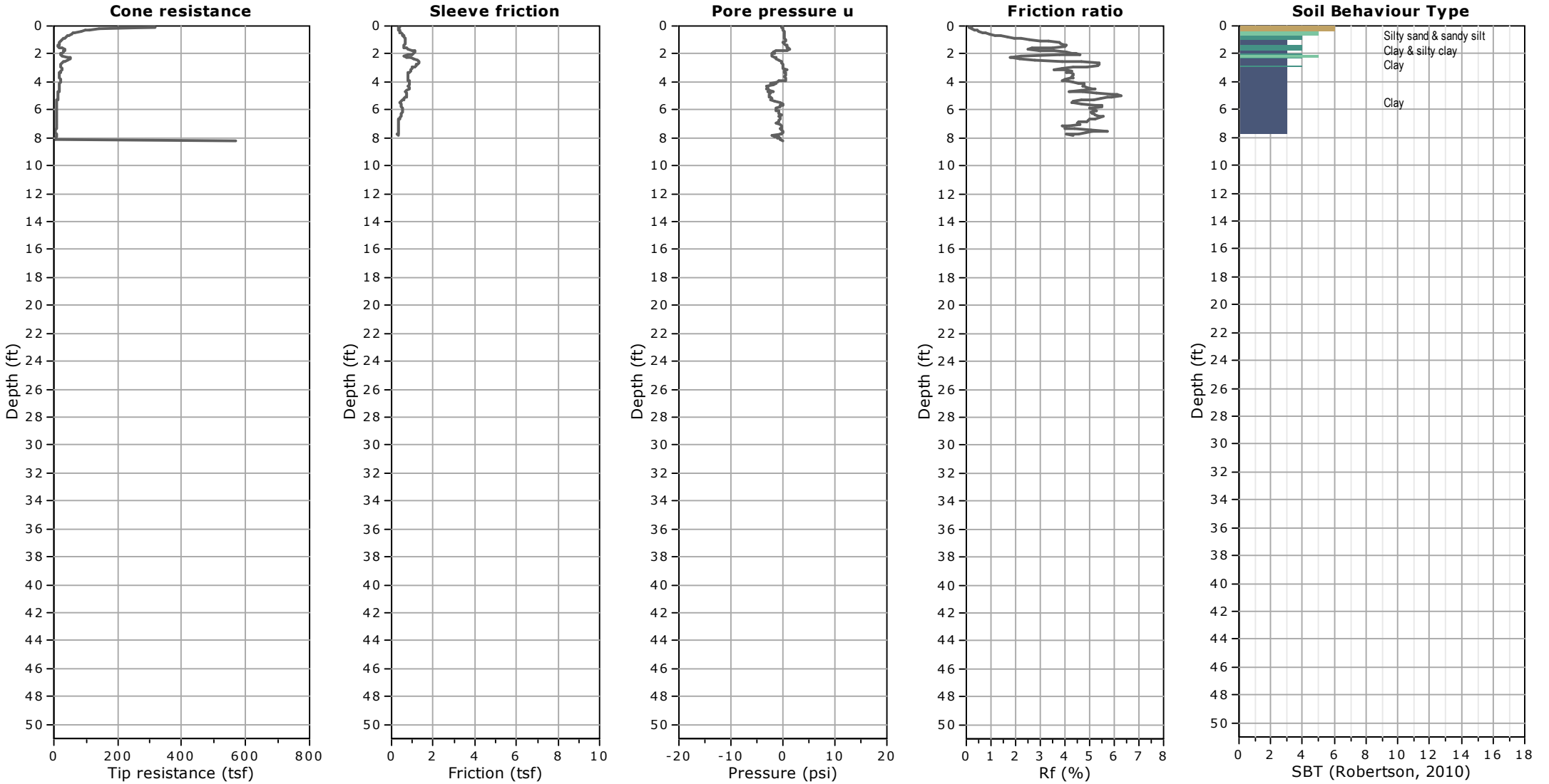


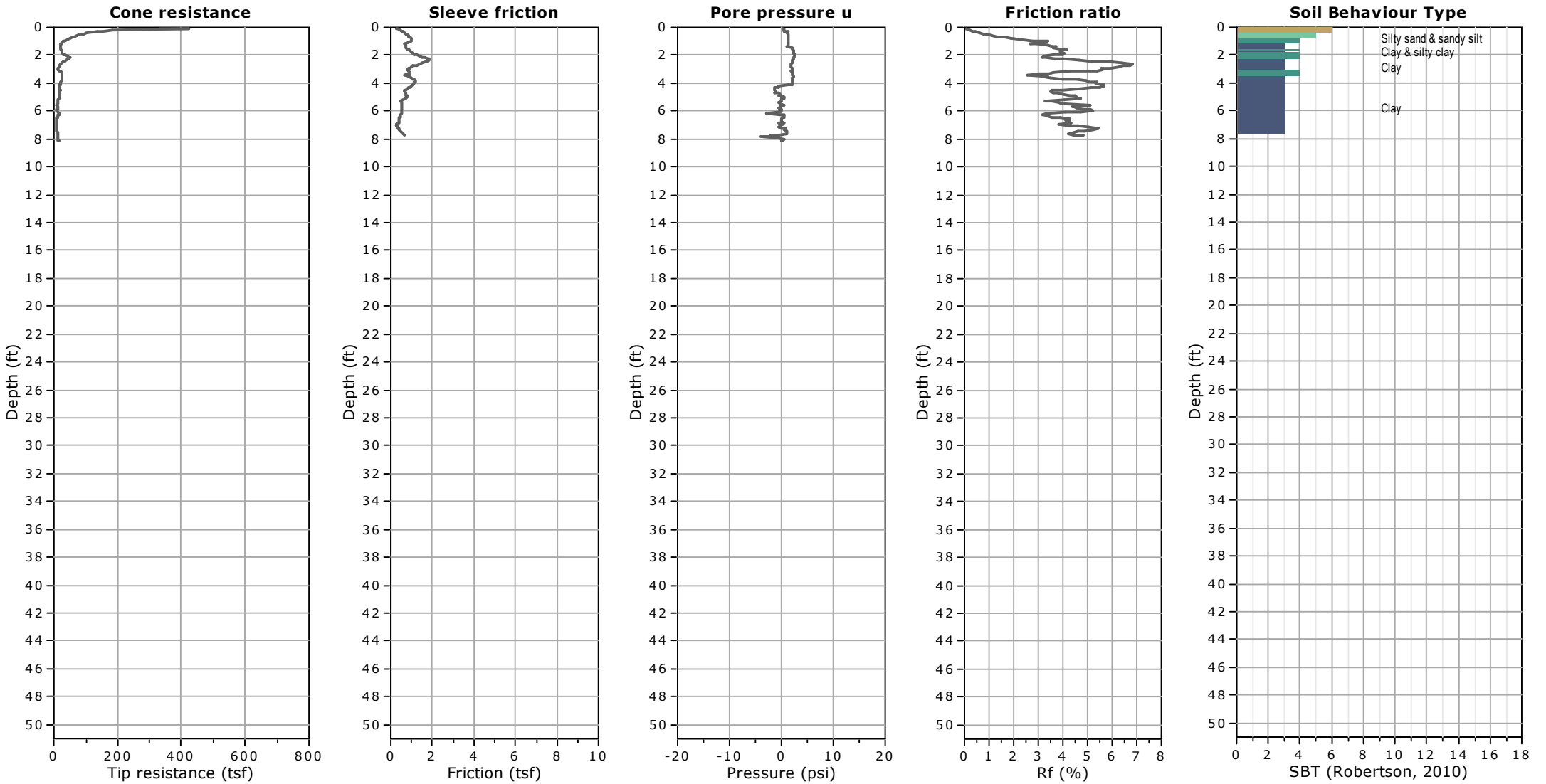
Steven P. Kehoe
President

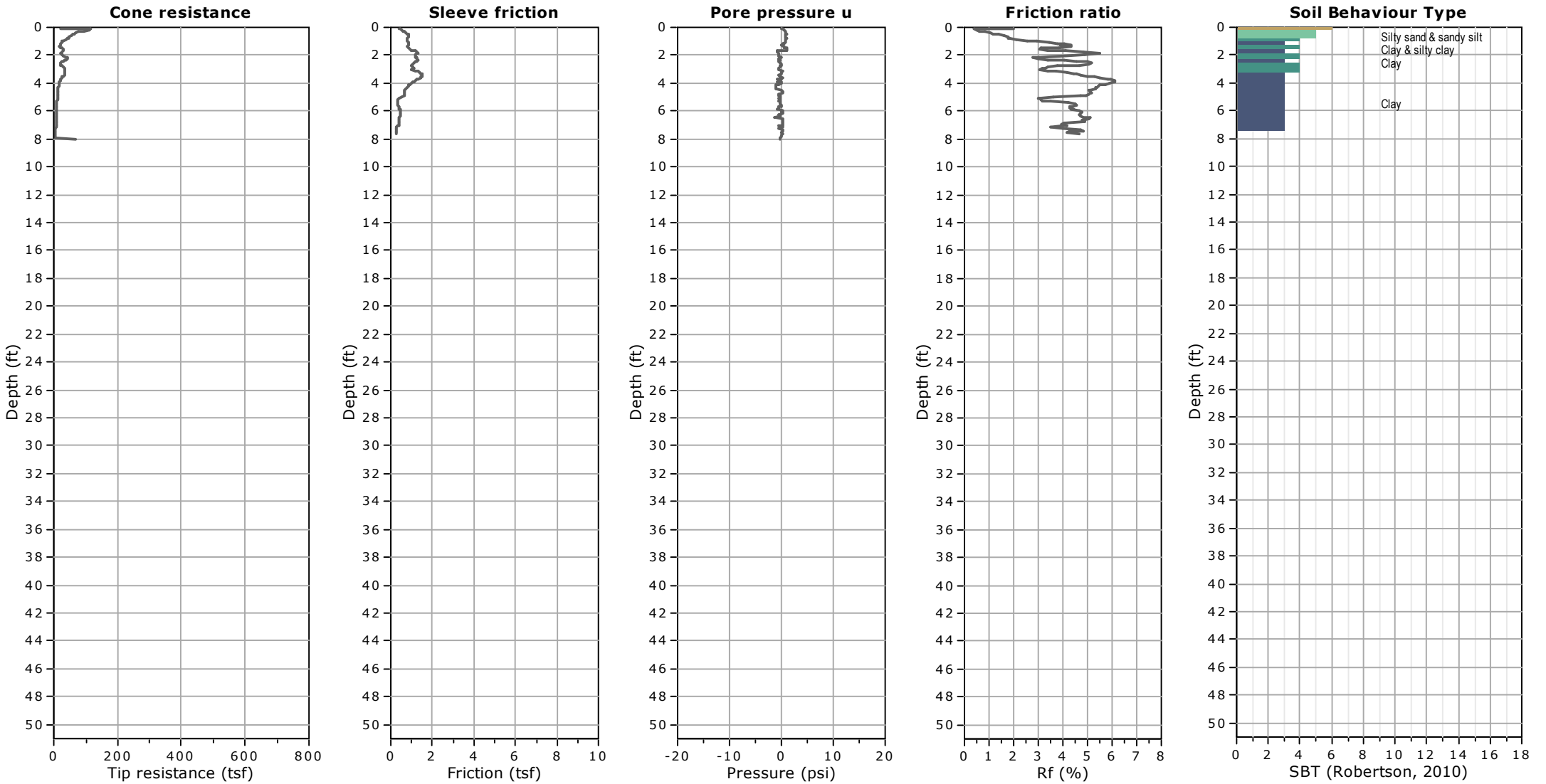
APPENDIX

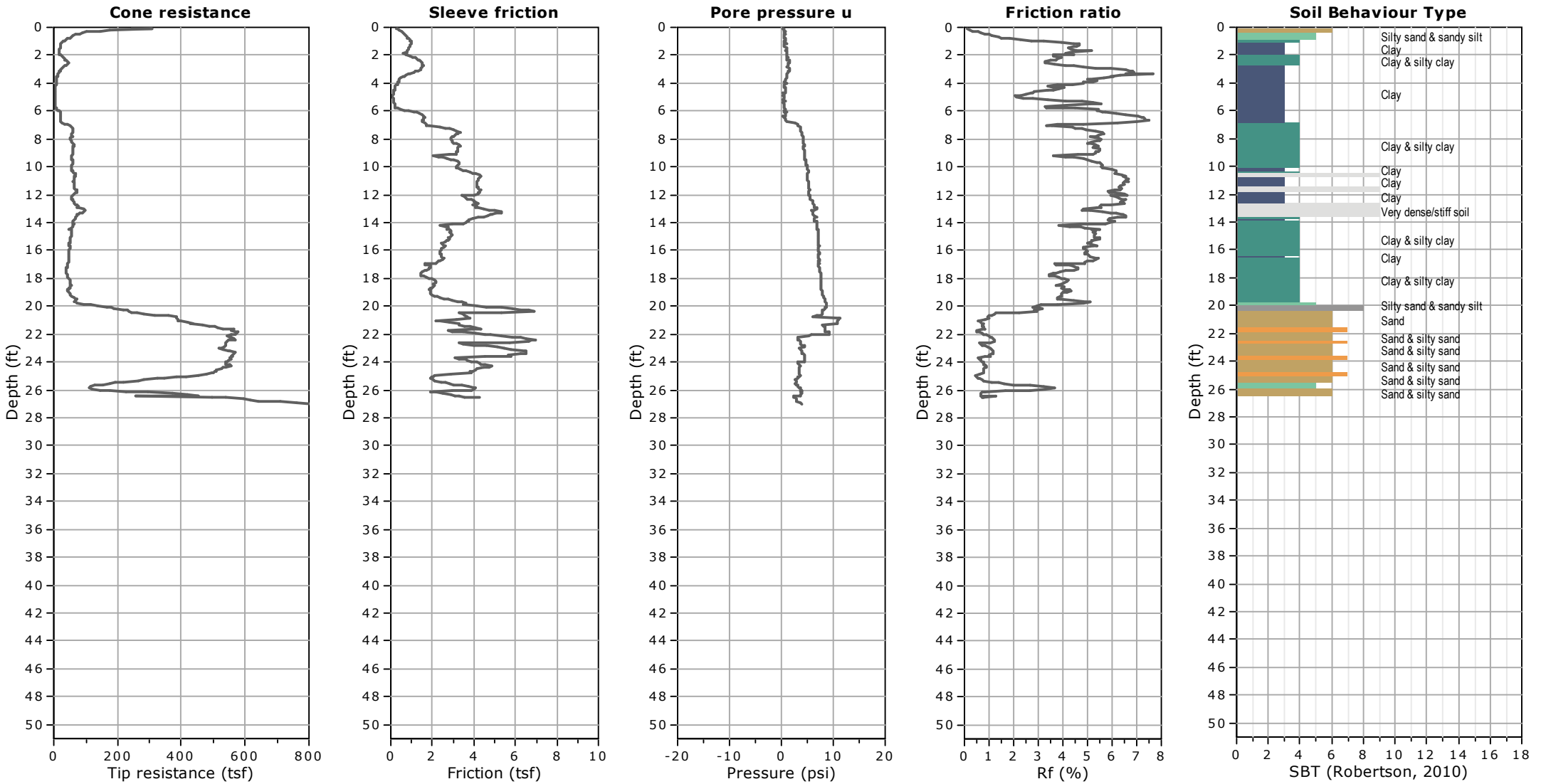


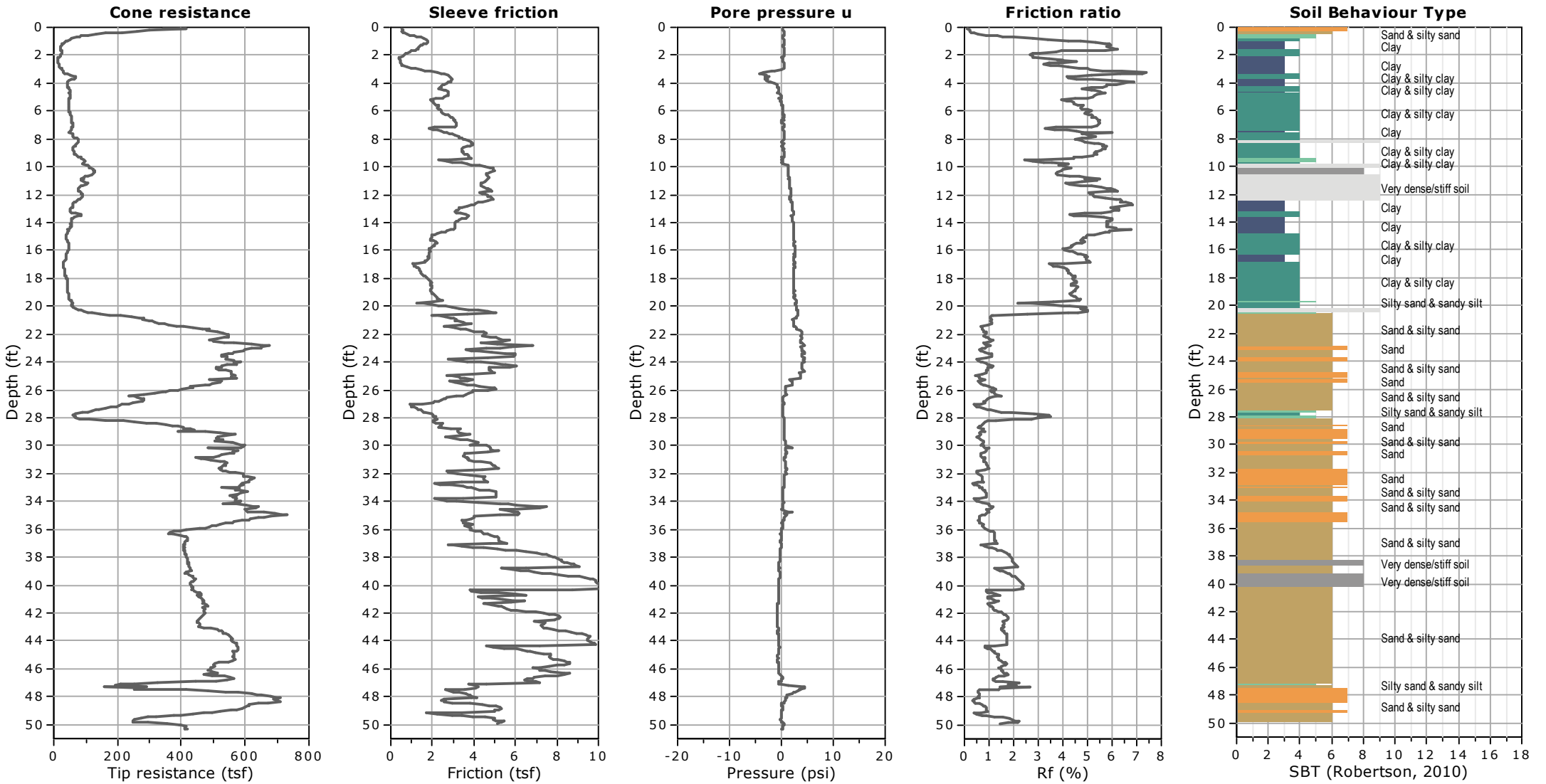


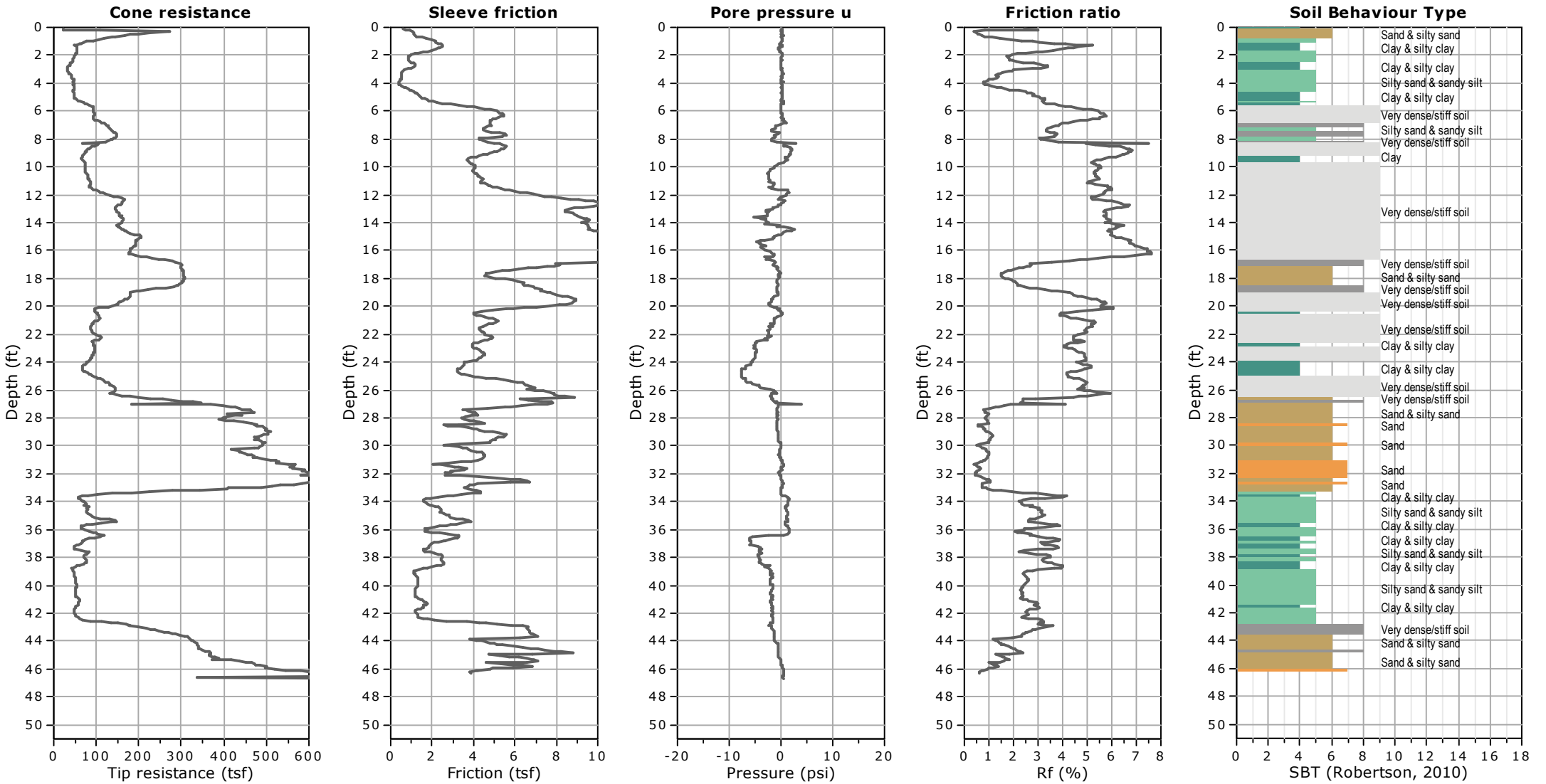


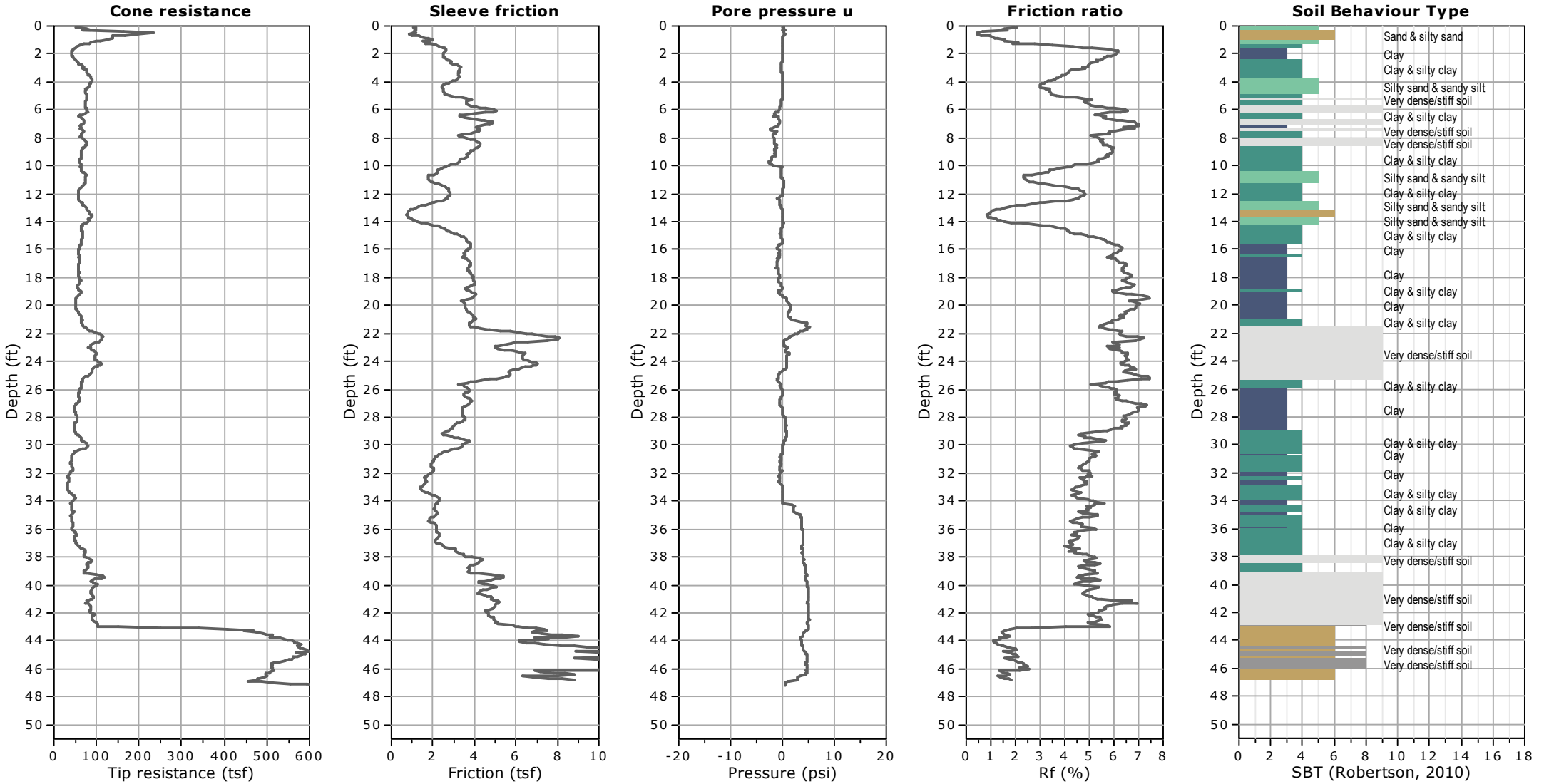


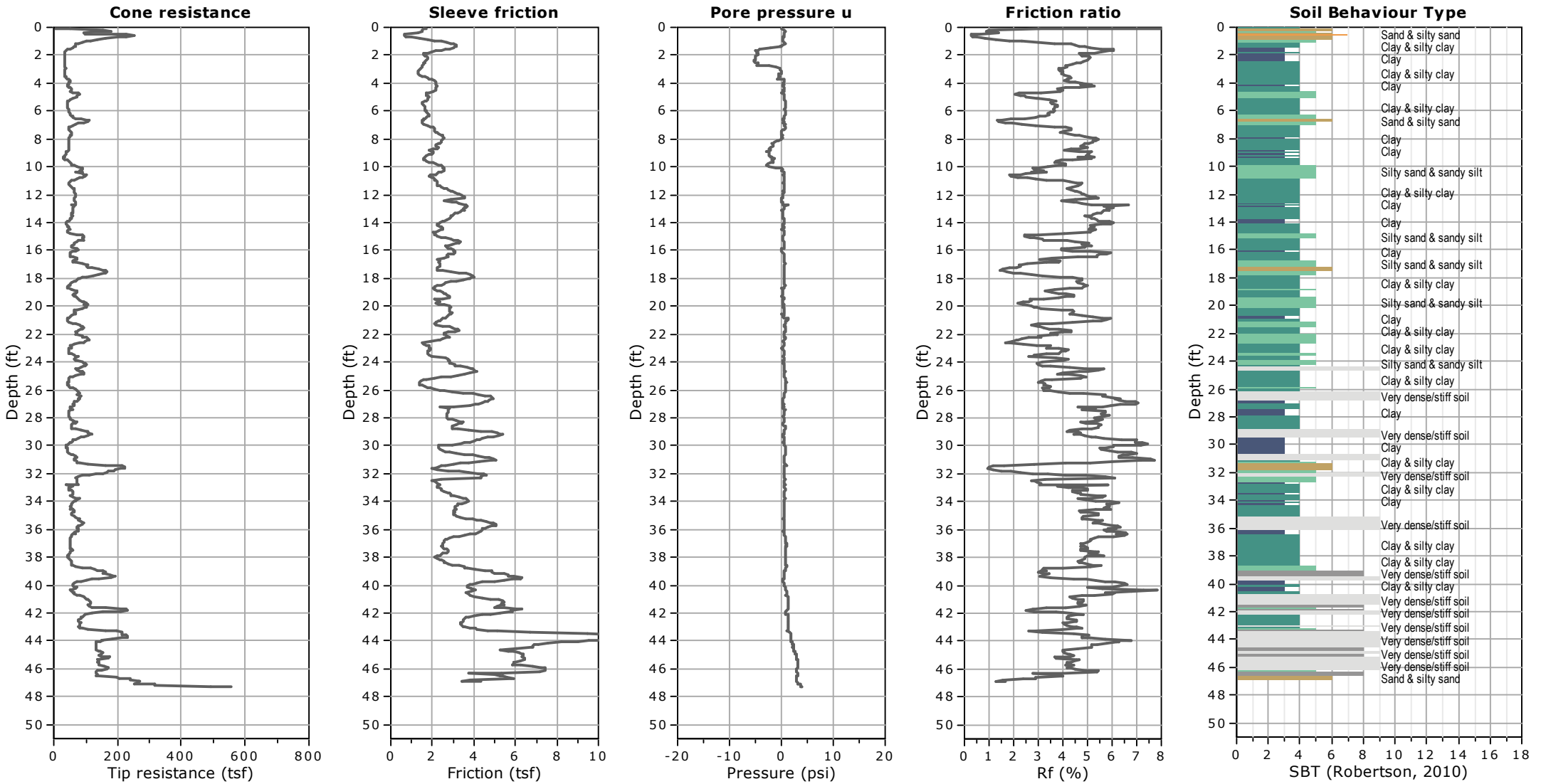


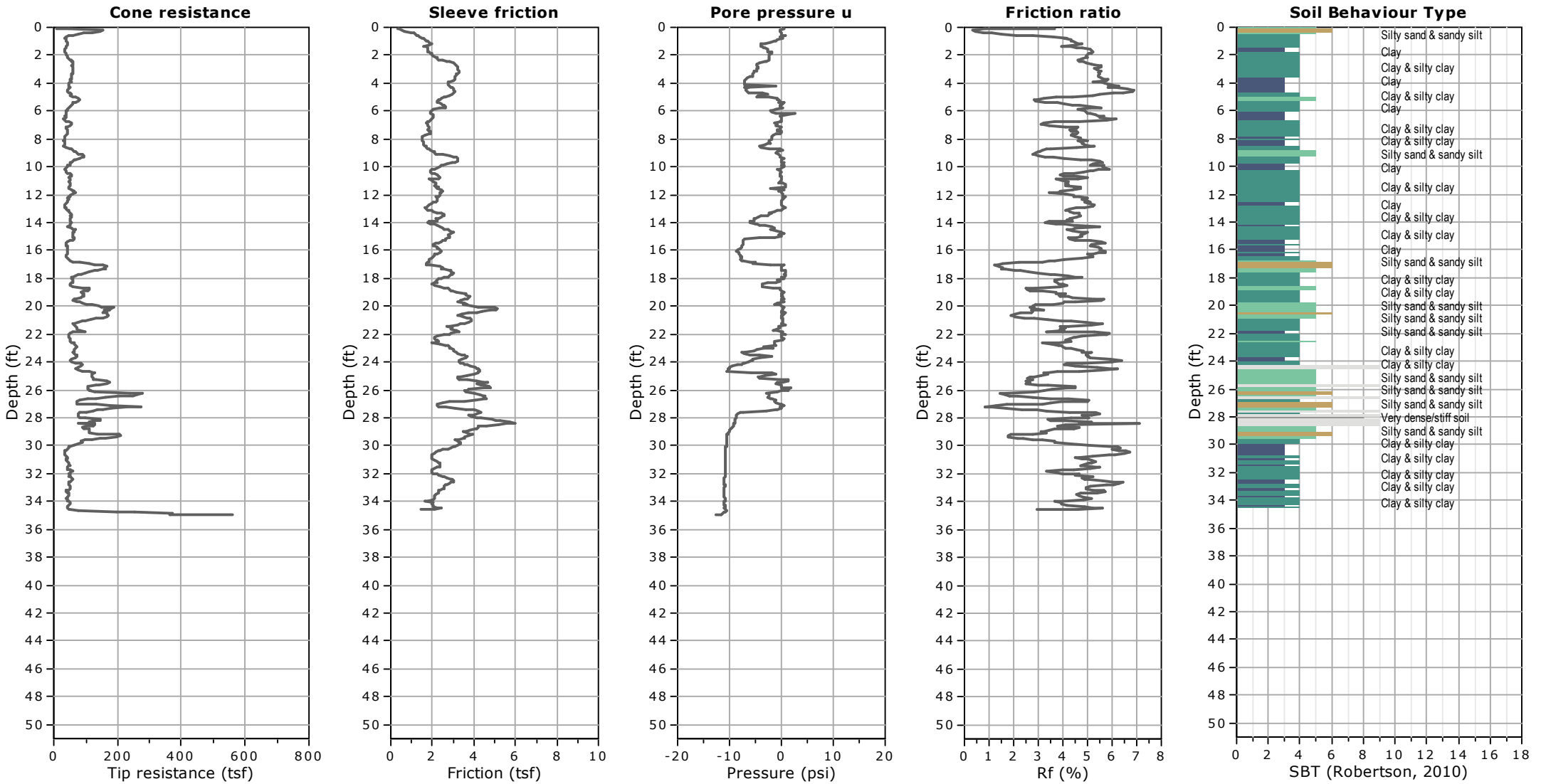


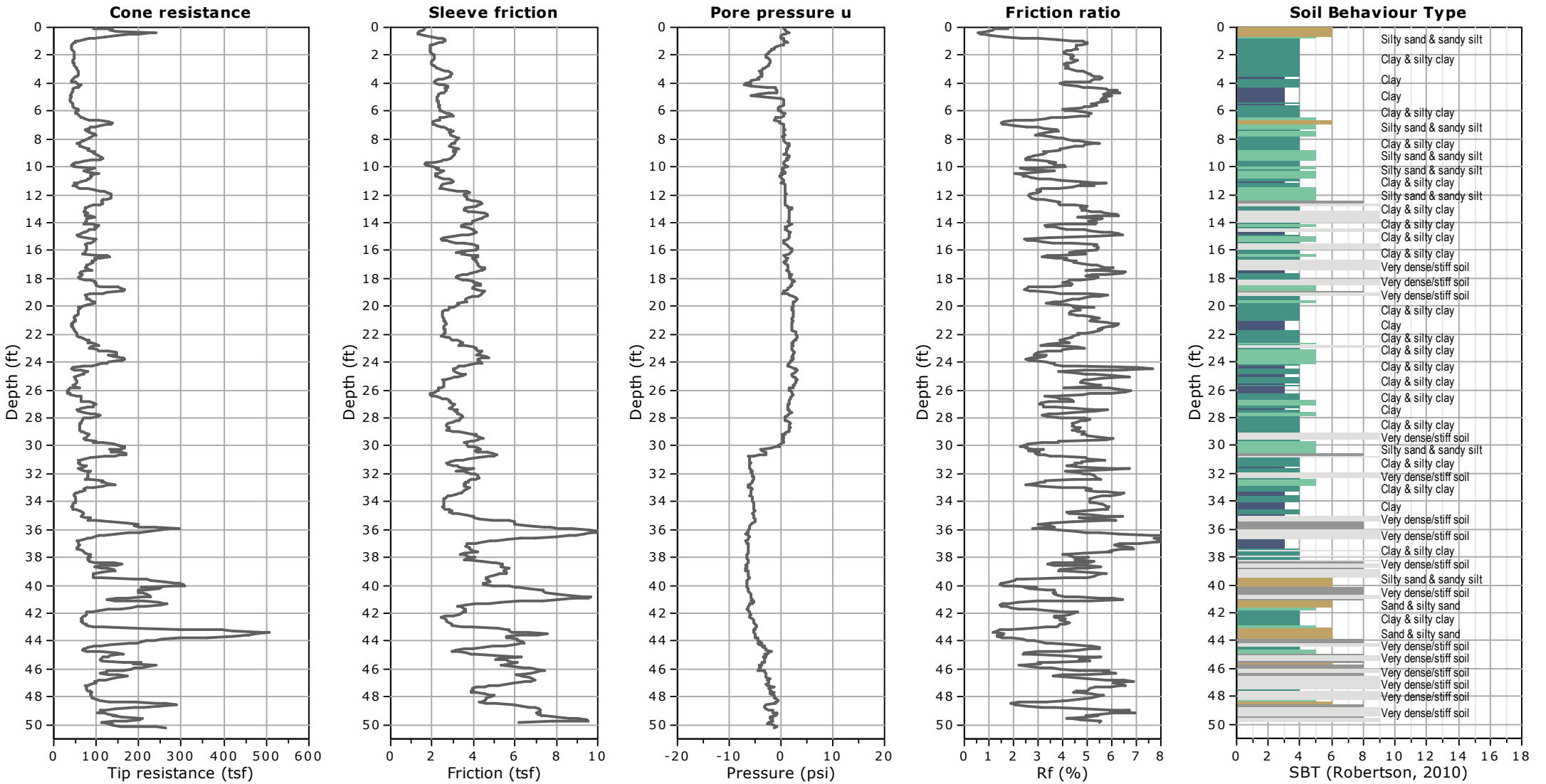


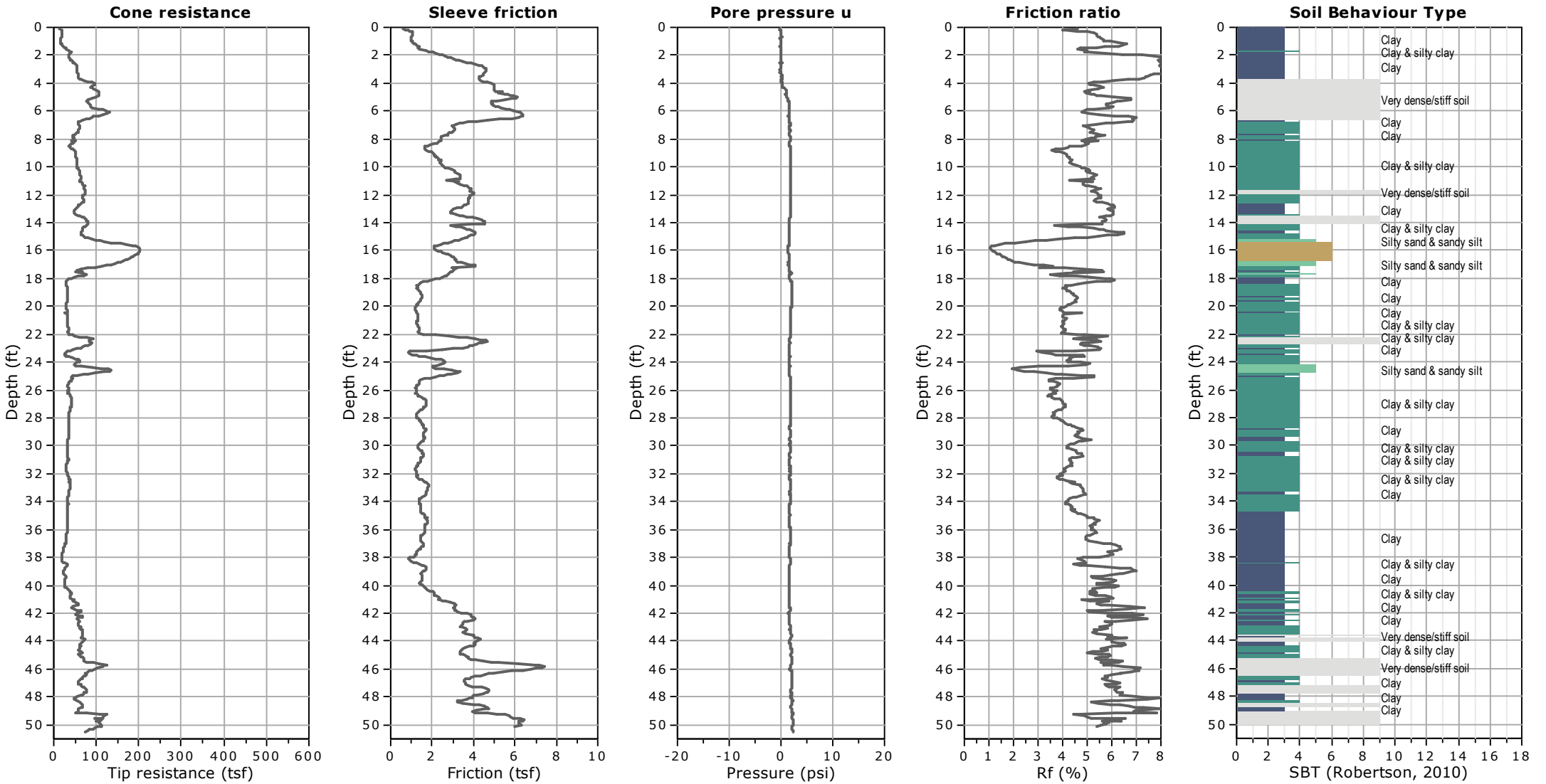


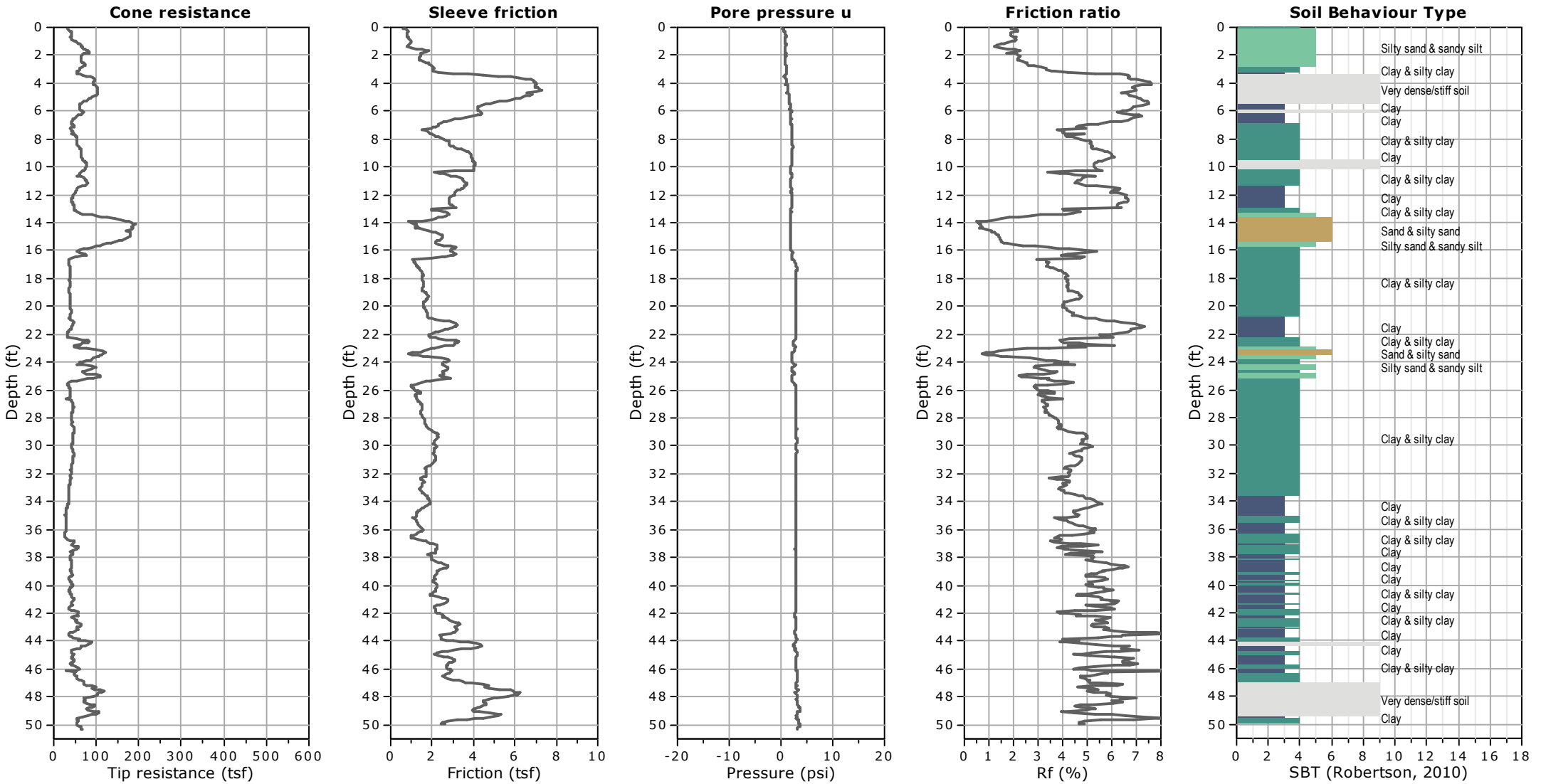


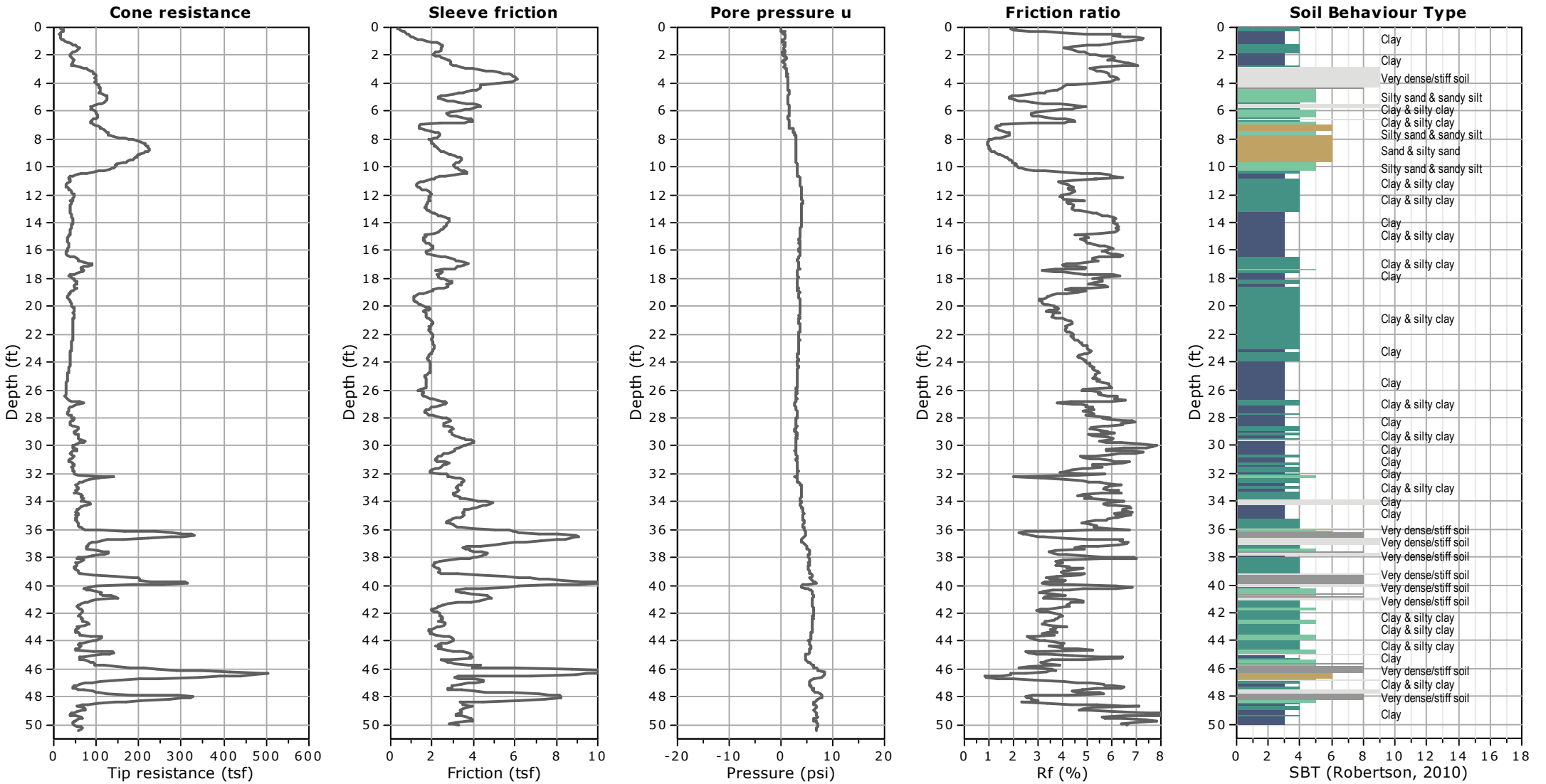


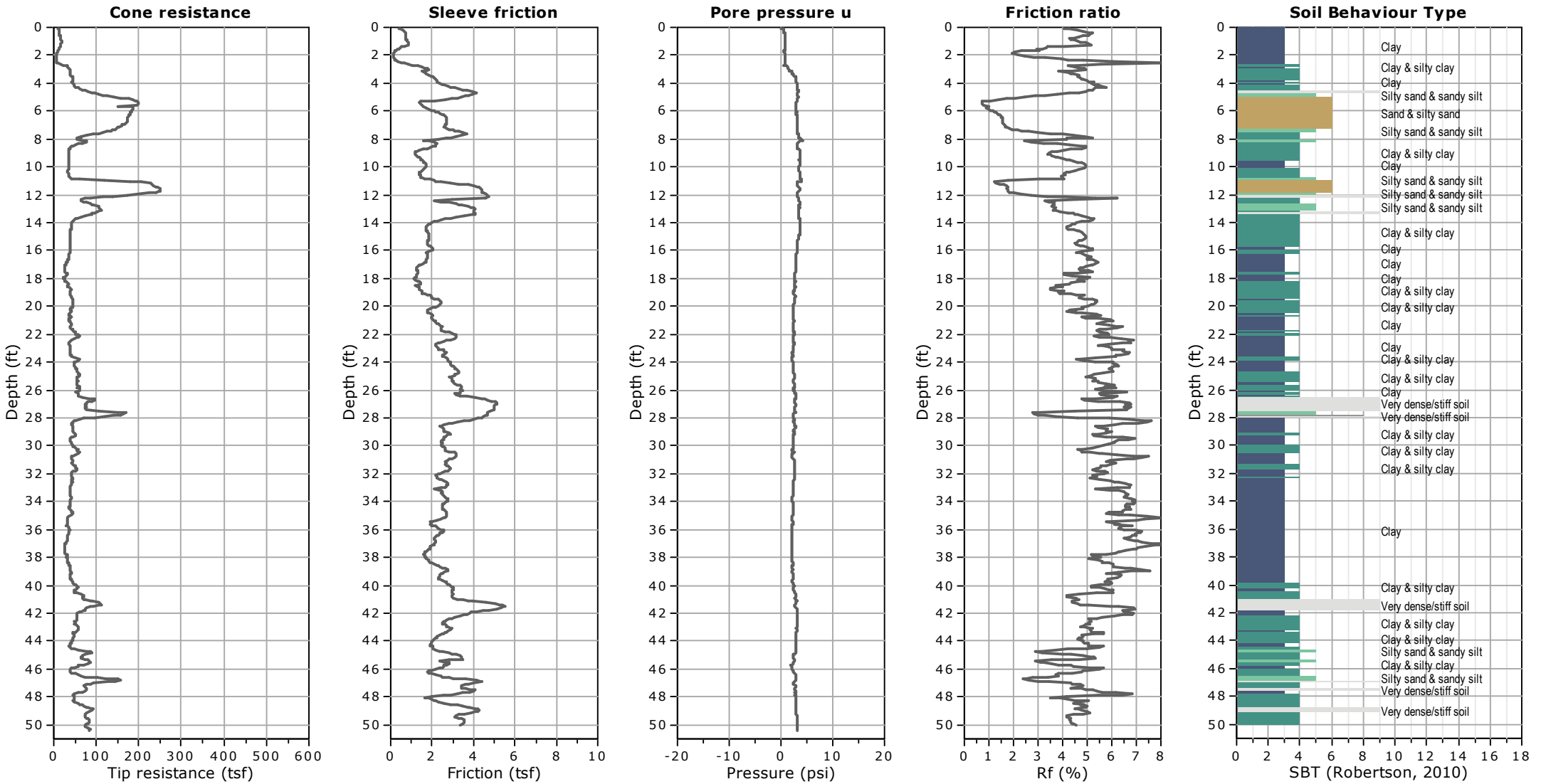


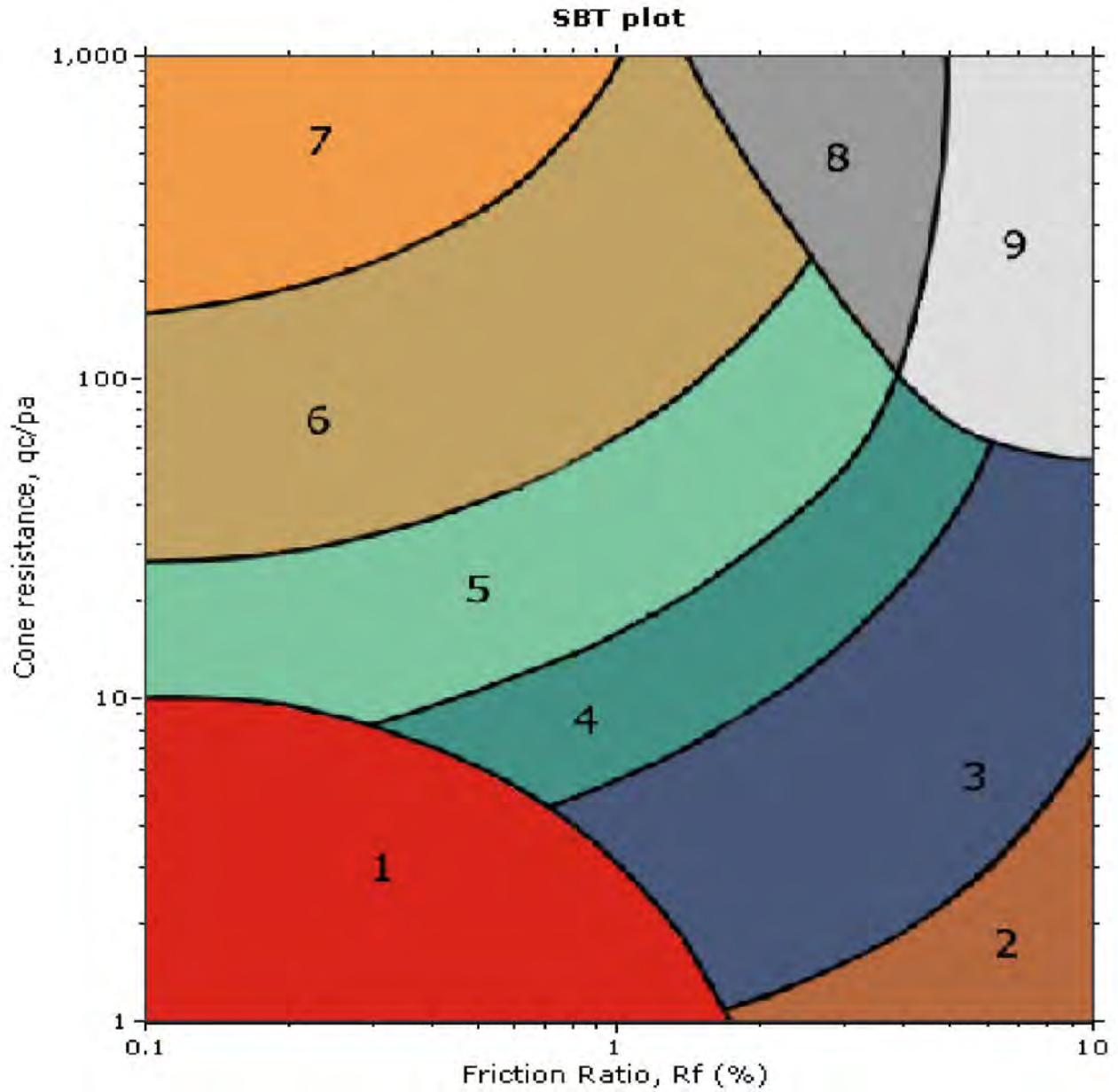












SBT legend

- | | | |
|---|---|---|
| ■ 1. Sensitive fine grained | ■ 4. Clayey silt to silty clay | ■ 7. Gravelly sand to sand |
| ■ 2. Organic material | ■ 5. Silty sand to sandy silt | ■ 8. Very stiff sand to clayey sand |
| ■ 3. Clay to silty clay | ■ 6. Clean sand to silty sand | ■ 9. Very stiff fine grained |

RMA Group
Irving STEAM Magnet School
Los Angeles, CA

CPT Shear Wave Measurements

Location	Tip Depth (ft)	Geophone Depth (ft)	Travel Distance (ft)	S-Wave Arrival (msec)	S-Wave Velocity from Surface (ft/sec)	Interval S-Wave Velocity (ft/sec)
CPT-13	9.97	8.97	9.19	10.60	867	
	20.01	19.01	19.11	18.08	1057	1327
	30.02	29.02	29.09	27.06	1075	1111
	40.09	39.09	39.14	34.88	1122	1285
	50.10	49.10	49.14	42.40	1159	1330

Shear Wave Source Offset - 2 ft

S-Wave Velocity from Surface = Travel Distance/S-Wave Arrival
Interval S-Wave Velocity = (Travel Dist2-Travel Dist1)/(Time2-Time1)

Exploratory Boring Log

Boring No. B-1

Sheet 1 of 2

Date Drilled: 10-22-18

Drilling Equipment: CME -75

Logged By: KR D

Boring Hole Diameter: 8"

Location: See Boring Location Map

Drive Weights: 140 lbs.

Elevation (ft):

Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
0 - 4						CH		4" AC, 4" CAB Brown sandy clay with trace gravel, cohesive, non-plastic, moist, stiff. 77.5% Passing #200. EI=64 LL=55, PL=9; PI=46
4 - 8	[S]	12		19.6		CL		Orange brown fine sandy clay with minor gravel sized gray sandstone clasts, moist, medium stiff. LL=44, PL=12; PI=32, LI=0.24
8 - 12	[S]	14		20.3		CH		Orange brown fine sandy clay with minor gravel sized gray sandstone clasts, moist, medium stiff. LL=59, PL=15; PI=44, LI=0.12
12 - 16	[S]	20		16.4		CL		Orange brown silty clay with trace gravel sized yellow sandstone clasts, cohesive, moist, stiff to very stiff. LL=32, PL=18; PI=14
16 - 20	[S]	19		26.2				Slight trace gravel, very moist.
20 - 25	[S]	25		21.8				LL=47, PL=17; PI=30, LI=0.16, -0.11

Sample Types:

- [R] - Ring Sample - Bulk Sample - Groundwater
- [T] - Tube Sample [S] - SPT Sample - End of Boring

Exploratory Boring Log

Boring No. B-1

Sheet 2 of 2

Date Drilled: 10-22-18
 Logged By: KRD
 Location: See Boring Location Map
 Elevation (ft):

Drilling Equipment: CME -75
 Boring Hole Diameter: 8"
 Drive Weights: 140 lbs.
 Drop: 30"

Depth (ft)	Samples			Moisture Content (%)	Dry Density (pcf)	USCS	Graphic Symbol	Material Description
	Sample Type	Blows (blows/ft)	Bulk Sample					
35	S	18		21.8		CL		Orange brown silty clay with trace gravel sized yellow sandstone clasts, cohesive, moist, very stiff.
35	S	34		13.1		SC		Brown to light brown clayey sand, moist, dense. 47.6% Passing #200. LL=36, PL=20; PI=16
40	S	30		16.8		ML		Light brown silt with trace to minor very coarse sand to gravel size sandstone and siltstone clasts, very stiff to hard.
45	S	35		22.0		CH		Dark brown clay with trace gray gravel sized sandstone clasts, plastic, moist, hard. LL=52, PL=15; PI=37, LI=0.19
50	S	80/11"		13.0		BDX		Topanga Formation: Sandstone, fine grained, slightly moist, very dense. Total depth 51.5' No groundwater encountered. Hole backfilled the same day per LADPW permit.

Sample Types:

- Ring Sample
- Bulk Sample
- Groundwater
- Tube Sample
- SPT Sample
- End of Boring

SUMMARY
OF
CONE PENETRATION TEST DATA

Project:

Irving STEAM Magnet School
3010 Estara Avenue
Los Angeles, CA
October 22, 2018

Prepared for:

Mr. Aubrey Smith
RMA Group
12130 Santa Margarita Court
Rancho Cucamonga, CA 91730
Office (909) 989-1751 / Fax (909) 989-4287

Prepared by:



KEHOE TESTING & ENGINEERING

5415 Industrial Drive
Huntington Beach, CA 92649-1518
Office (714) 901-7270 / Fax (714) 901-7289
www.kehoetesting.com

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- 1. INTRODUCTION**
- 2. SUMMARY OF FIELD WORK**
- 3. FIELD EQUIPMENT & PROCEDURES**
- 4. CONE PENETRATION TEST DATA & INTERPRETATION**

APPENDIX

- CPT Plots
- CPT Classification/Soil Behavior Chart
- CPT Data Files (sent via email)

SUMMARY OF CONE PENETRATION TEST DATA

1. INTRODUCTION

This report presents the results of a Cone Penetration Test (CPT) program carried out for the Irving STEAM Magnet School project located at 3010 Estara Avenue in Los Angeles, California. The work was performed by Kehoe Testing & Engineering (KTE) on October 22, 2018. The scope of work was performed as directed by RMA Group personnel.

2. SUMMARY OF FIELD WORK

The fieldwork consisted of performing CPT soundings at three locations to determine the soil lithology. Groundwater measurements and hole collapse depths provided in **TABLE 2.1** are for information only. The readings indicate the apparent depth to which the hole is open and the apparent water level (if encountered) in the CPT probe hole at the time of measurement upon completion of the CPT. KTE does not warranty the accuracy of the measurements and the reported water levels may not represent the true or stabilized groundwater levels.

LOCATION	DEPTH OF CPT (ft)	COMMENTS/NOTES:
CPT-1	50	Hole open to 17.0 ft (dry)
CPT-2	50	Hole open to 19.5 ft (dry)
CPT-3	49	Refusal, hole open to 49.0 ft (dry)

TABLE 2.1 - Summary of CPT Soundings

3. FIELD EQUIPMENT & PROCEDURES

The CPT soundings were carried out by **KTE** using an integrated electronic cone system manufactured by Vertek. The CPT soundings were performed in accordance with ASTM standards (D5778). The cone penetrometers were pushed using a 30-ton CPT rig. The cone used during the program was a 15 cm² cone and recorded the following parameters at approximately 2.5 cm depth intervals:

- Cone Resistance (qc)
- Sleeve Friction (fs)
- Dynamic Pore Pressure (u)
- Inclination
- Penetration Speed

The above parameters were recorded and viewed in real time using a laptop computer. Data is stored at the KTE office for up to 2 years for future analysis and reference. A complete set of baseline readings was taken prior to each sounding to determine temperature shifts and any zero load offsets. Monitoring base line readings ensures that the cone electronics are operating properly.

4. CONE PENETRATION TEST DATA & INTERPRETATION

The Cone Penetration Test data is presented in graphical form in the attached Appendix. These plots were generated using the CPeT-IT program. Penetration depths are referenced to ground surface. The soil classification on the CPT plots is derived from the attached CPT Classification Chart (Robertson) and presents major soil lithologic changes. The stratigraphic interpretation is based on relationships between cone resistance (q_c), sleeve friction (f_s), and penetration pore pressure (u). The friction ratio (R_f), which is sleeve friction divided by cone resistance, is a calculated parameter that is used along with cone resistance to infer soil behavior type. Generally, cohesive soils (clays) have high friction ratios, low cone resistance and generate excess pore water pressures. Cohesionless soils (sands) have lower friction ratios, high cone bearing and generate little (or negative) excess pore water pressures.

The CPT data files have also been provided. These files can be imported in CPeT-IT (software by GeoLogismiki) and other programs to calculate various geotechnical parameters.

It should be noted that it is not always possible to clearly identify a soil type based on q_c , f_s and u . In these situations, experience, judgement and an assessment of the pore pressure data should be used to infer the soil behavior type.

If you have any questions regarding this information, please do not hesitate to call our office at (714) 901-7270.

Sincerely,

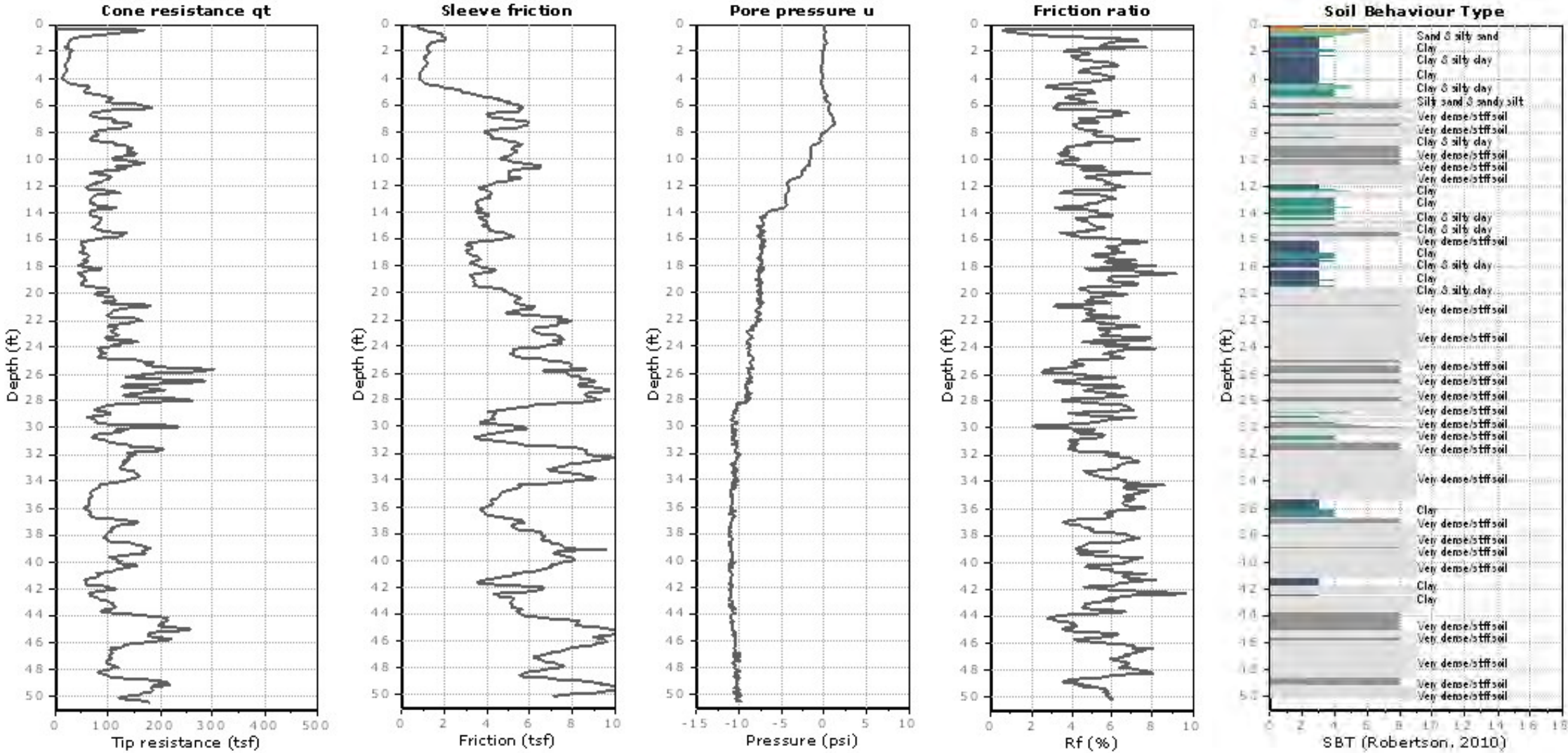
KEHOE TESTING & ENGINEERING

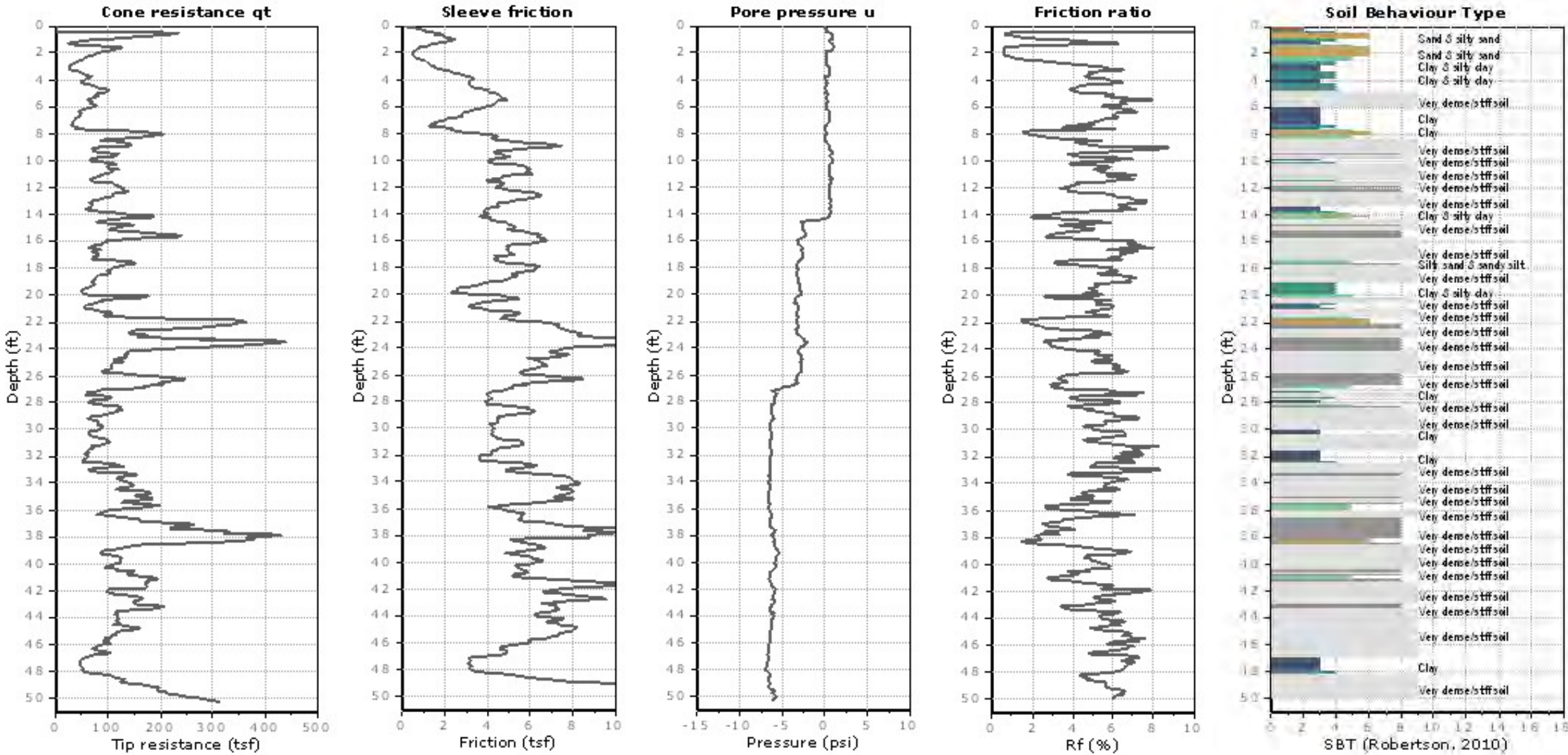
Steven P. Kehoe

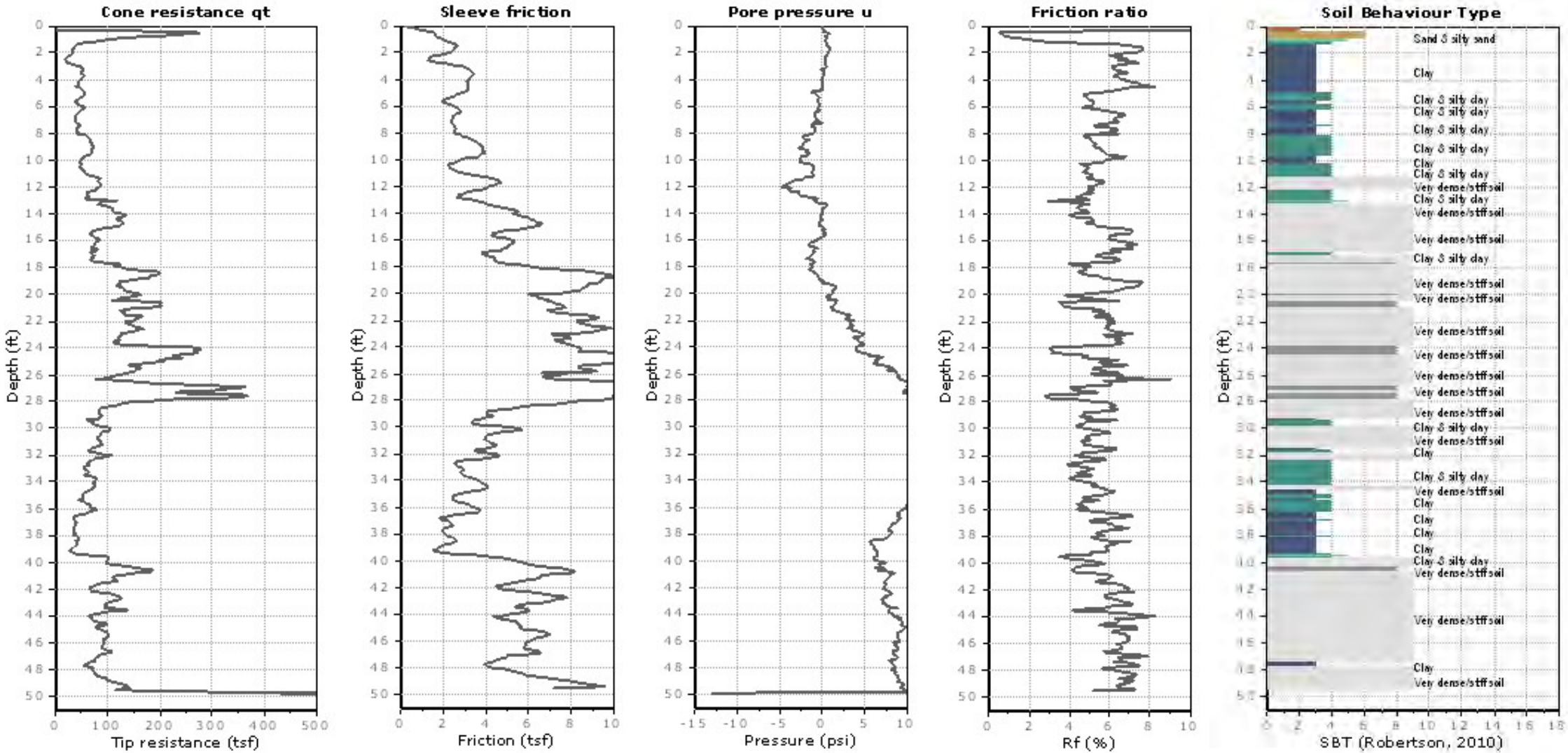
Steven P. Kehoe
President

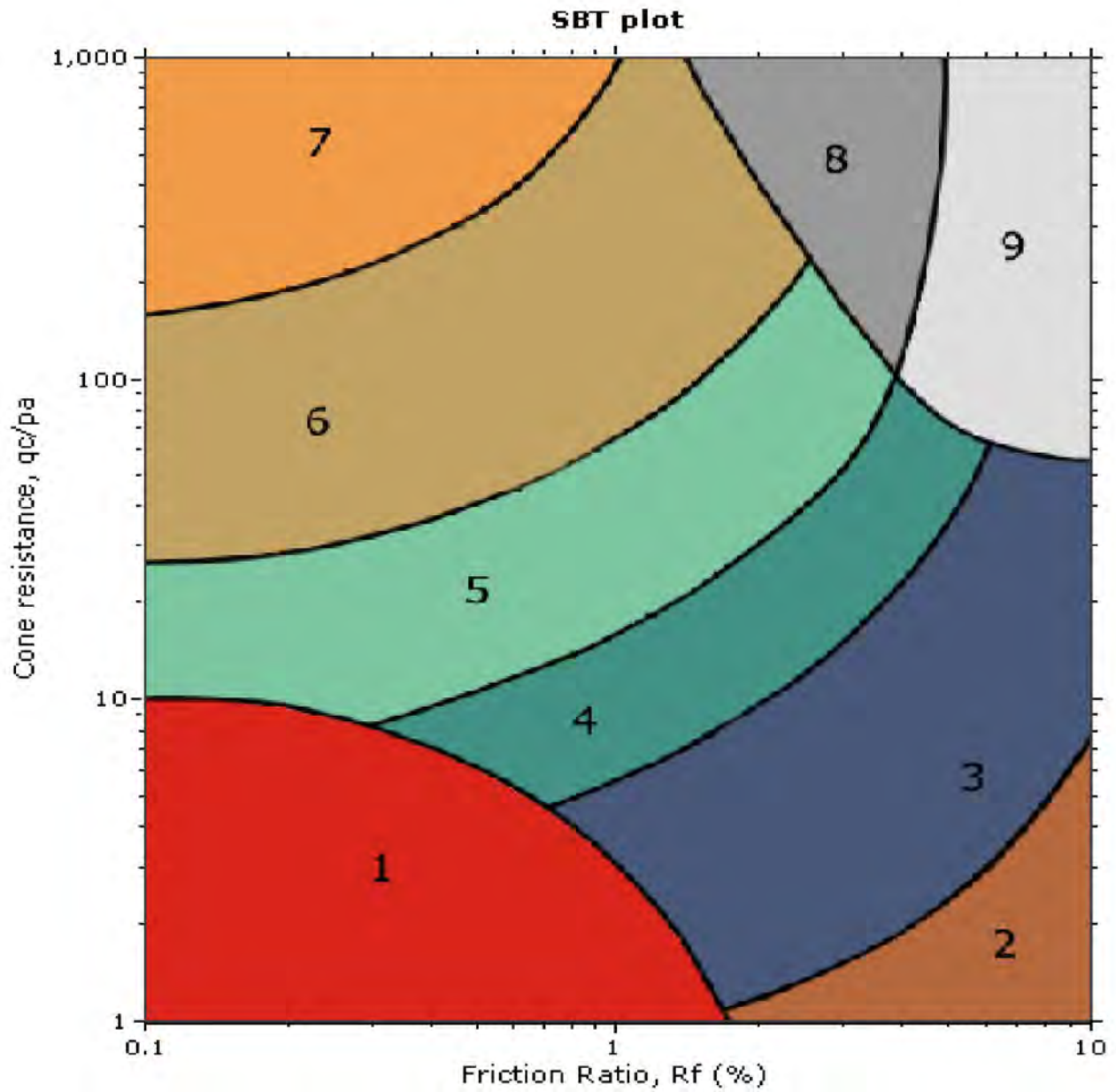
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APPENDIX









SBT legend

- | | | |
|---------------------------|------------------------------|-----------------------------------|
| 1. Sensitive fine grained | 4. Clayey silt to silty clay | 7. Gravely sand to sand |
| 2. Organic material | 5. Silty sand to sandy silt | 8. Very stiff sand to clayey sand |
| 3. Clay to silty clay | 6. Clean sand to silty sand | 9. Very stiff fine grained |



GEOPHYSICAL SURVEY

IRVING STEAM MAGNET SCHOOL MODERNIZATION PROJECT

3010 ESTARA AVENUE, LOS ANGELES, CALIFORNIA

Project No. 213736-1

December 6, 2021

Prepared for:

RMA Group, Inc.
12130 Santa Margarita Court
Rancho Cucamonga, CA 91730

Consulting Engineering Geology & Geophysics

P.O. Box 1090, Loma Linda, CA 92354 • 909 796-4667

RMA Group, Inc.
12130 Santa Margarita Court
Rancho Cucamonga, CA 91730

Attention: Mr. Ken Dowell, PG/CEG, Project Geologist/Manager

Regarding: Geophysical Survey
Irving STEAM Magnet School Modernization Project
3010 Estara Avenue, Los Angeles, California
RMA Project No. 21-1331-01

INTRODUCTION

In accordance with your request, we have completed a geophysical survey using the seismic refraction method across portions of the subject site as referenced above. We understand that the subject property is located within the limits of a designated Earthquake Fault Zone associated with the Hollywood Fault Zone, therefore, non-invasive geophysical methods have been utilized to aid in evaluating the deeper subsurface geological structure. This report will describe in detail the seismic refraction methodology, field procedures used, data processing of the various seismic modeling programs utilized, and the results of this survey, along with the representative seismic models being presented within Appendices A and B for visual and reference purposes.

As authorized by you, the following services were performed during this study:

- **Review of available pertinent published and unpublished geologic and geophysical data in our files pertaining to the site, along with a field reconnaissance.**
- **Conducting a geophysical survey, using the seismic refraction method, to aid in evaluating the deeper subsurface lithology and geologic structure present beneath the subject site. The field survey and the data analysis were performed by a licensed State of California Professional Geophysicist.**
- **Preparation of representative seismic models for the seismic traverses displaying the subsurface geologic structure using various computer data analysis programs for both comparative and quality control purposes.**
- **Preparation of this report, presenting the results of our interpretation of the geophysical data with respect to any possible anomalous structural features at depth.**

Accompanying Map and Appendices

- Plate 1 - Seismic Line Location Map
- Appendix A - Layer Velocity Models
- Appendix B - Tomographic Models
- Appendix C - References

PROJECT SUMMARY

As requested, we have performed a geophysical survey using the seismic refraction method across portions of the subject property where practical. The purpose of this geophysical study was to provide both a qualitative and quantified geophysical analysis of the subsurface geologic structure, using the seismic refraction method, in order to discern and any anomalous geologic structures that may be related to faulting beneath the subject site. Our study involved using various seismic refraction computer modeling programs for both quality control and comparative purposes, which allowed for an unbiased and more thorough analysis. Each of these modeling programs, as described in more detail further in this report, have both strengths and limitations and it was our intention to compare these models to form a more coherent representation of the interpreted subsurface geologic structure.

The locations of our seismic traverses were accomplished by use of the Google™ Earth imagery (2021) and physical structures, supplemented with GPS (Global Positioning System) coordinates, as presented on the Seismic Line Location Map, Plate 1. Seismic Line S-4 was performed along a near-perpendicular orientation to the local fault trend within the athletic field, while the other three seismic lines (S-1 through S-3) were performed along the only accessible locations that provided the sufficient survey line length, while being free from physical obstructions, buildings, and hardscape surfaces (i.e., asphalt pavement, concrete, etc.).

From a geologic standpoint, the subject school site has been mapped by Yerkes (1997), to be mantled by Holocene age undifferentiated alluvium (1,000 to 10,000± years old), that is unconsolidated and uncemented, generally comprised of gravel, sand, silt, and clay in active drainages. Localized artificial fill may also be present associated with previous grading of the school site. Presumably underlying these deposits at depth, is sedimentary bedrock of the middle Miocene age Topanga Formation, generally comprised of interbedded sandstone, shale, siltstone, and conglomerate.

SUMMARY OF SEISMIC REFRACTION SURVEY

Methodology

The seismic refraction method is well suited to identify whether there is a distinct velocity change at depth which could represent a possible subsurface structural differential. The seismic refraction method consists of measuring (at known points along the surface of the ground) the travel times of compressional waves generated by an impulsive energy source and can be used to estimate the layering, structure, and seismic acoustic velocities of subsurface horizons. Seismic waves travel down and through the soils and rocks, and when the wave encounters a contact between two earth materials having different velocities, some of the wave's energy travels along the contact at the velocity of the lower layer.

The fundamental assumption is that each successively deeper layer has a velocity greater than the layer immediately above it. As the wave travels along the contact, some of the wave's energy is refracted toward the surface where it is detected by a series of motion-sensitive transducers (geophones). The arrival time of the seismic wave at each of the geophone locations can be related to the relative seismic velocities of the subsurface layers in feet per second (fps), which can then be used to aid in interpreting both the depth and type of materials encountered.

Field Procedures

Four seismic refraction lines were performed (Seismic Line S-1 through S-4) along various portions of the subject school property, where practical. Although the seismic traverses were not surveyed, the locations, as presented on Plate 1, are considered to be fairly accurate, based on the use of Google™ Earth imagery (2020) and GPS coordinates. Seismic Lines S-1 through S-3 were each 125 feet in length which consisted of a series of twenty-four geophones that were spaced at regular 5-foot centers. Seismic Line S-4 was 200 feet in length which consisted of a series of twenty-four geophones that were spaced at regular 8-foot centers.

To produce the necessary seismic wave energy, a 16-pound sledge-hammer was used as the energy source to generate both the direct and refracted waves. Seven shot points were utilized using forward, reverse, and intermediate locations in order to obtain high resolution survey data for velocity analysis and depth modeling purposes. Each shot point used multiple hammer impacts to increase the signal to noise ratio, which provided clearer first "P"-Wave arrivals.

The seismic wave arrivals were digitally recorded in SEG-2 format on a Geometrics StrataVisor™ NZXP model signal enhancement refraction seismograph. The data was acquired using a sampling rate of 0.0625 milliseconds having a record length of 0.08 to 0.10 seconds with no acquisition filters used in order to preserve the raw wave-forms. The data on the display screen were used to analyze the arrival time of the primary seismic "P"-Waves at each geophone station for quality control purposes in the field. Each geophone and seismic shot location were surveyed using a hand level and ruler for relative topographic correction, with "0" representing the lowest elevation point along the line.

Data Reduction

All of the recorded seismic data was subsequently transferred to our office computer for further processing, analyzing, and printing purposes, using the computer programs **SIPwin** (Seismic Refraction Interpretation Program for Windows) developed by Rimrock Geophysics, Inc. (2004); **Refractor** (Geogiga, 2001-2020); and **Rayfract**™ (Intelligent Resources, Inc., 1996-2021). The associated subsurface profile models for each of these computer modeling programs are presented within Appendices A and B for visual and reference purposes.

- **SIPwin** is a ray-trace modeling program that evaluates the subsurface using layer assignments based on time-distance curves and is better suited for layered media, using the “Seismic Refraction Modeling by Computer” method (Scott, 1973). The first step in the modeling procedure is to compute layer velocities by least-squares techniques. Then the program uses the delay-time method to estimate depths to the top of layer-2. A forward modeling routine traces rays from the shot points to each geophone that received a first-arrival ray refracted along the top of layer-2. The travel time of each such ray is compared with the travel time recorded in the field by the seismic system. The program then adjusts the layer-2 depths so as to minimize discrepancies between the computed ray-trace travel times and the first arrival times picked from the seismic waveform record. The process of ray tracing and model adjustment is repeated a total of three times to improve the accuracy of depths to the top of layer-2.
- **Refractor** is seismic refraction software that also evaluates the subsurface using layer assignments utilizing interactive and interchangeable analytical methods that include the Delay-Time method, the ABC method, and the Generalized Reciprocal Method (GRM). These methods are used for defining irregular non-planar refractors and are briefly described below.
 - The Delay-Time method will measure the delay time depth to a refractor beneath each geophone rather than at shot points. Delay-time is the time spent by a wave to travel up or down through the layer (slant path) compared to the time the wave would spend if traveling along the projection of the slant path on the refractor.
 - The Plus-Minus time analysis method includes a Plus time analysis for depth analysis and a Minus time analysis for velocity determination. The basis of the Plus-Minus time analysis method lies in the travelttime reciprocity, i.e., the travelttime of a seismic wave from source to receiver is equal to the travelttime in the opposite direction if source and receiver are interchanged. It can be used to calculate the depth and velocity variations of an undulating layer boundary for slope angles less than $\sim 10^\circ$.
 - The GRM method is a technique for delineating undulating refractors at any depth from in-line seismic refraction data consisting of forward and reverse travel-times and is capable of resolving dips of up to 20% and does not over-smooth or average the subsurface refracting layers. In addition, the technique provides an approach for recognizing and compensating for hidden layer conditions.
- **Rayfract™** is seismic refraction tomography software that models subsurface refraction, transmission, and diffraction of acoustic waves which generally indicates the relative structure and velocity distribution of the subsurface using first break energy propagation modeling. An initial 1D gradient model is created using the

Delta-t-V method which gives a good initial fit between modeled and picked first breaks. This initial model is then refined automatically with a true 2D WET (Wavepath Eikonal Traveltime) tomographic inversion (Schuster and Quintus-Bosz, 1993). WET tomography models multiple signal propagation paths contributing to one first break, whereas conventional ray tracing tomography is limited to the modeling of just one ray per first break.

The combined use of these computer programs provided a more thorough analysis of the subsurface geologic and lithologic structure, and the seismic velocity characteristics, with respect to identifying any anomalous features that may be suggestive of subsurface faulting. Each computer program has a specific purpose based on the objective of the analysis. **Rayfract**[™] provided tomographic velocity and structural imaging that is very conducive to detecting strong lateral velocity characteristics, while **SIPwin** and **Refractor** are generally based on detecting layered media with some lateral velocity contrast potentially being imaged.

SUMMARY OF DATA ANALYSIS

As previously discussed, the primary purpose of the seismic refraction survey was to aid in evaluating any possible anomalous geologic structures at depth such as offset stratigraphic units (i.e., lateral velocity contrasts) that may be suggestive of subsurface faulting. For this survey we used three different computer processing software programs in order to provide a more thorough analysis of the seismic data of which are described in more detail below, along with the seismic models being presented within Appendices A and B for visual and reference purposes.

◆ **Layer Velocity Models:**

The Layer Velocity Model is a more traditional approach to modeling the subsurface and was analyzed using the computer program **SIPwin** and **Refractor** of which composite models were produced as presented in Appendix A. Based on the models derived from these programs, three distinct seismic velocity layers were encountered, all of which are believed to be alluvial deposits that are progressively older and more consolidated with depth

The uppermost velocity layer V1 is comprised of unconsolidated younger alluvial type materials and possible localized artificial fill, that have an average weighted velocity of 1,213 to 1,389 fps, generally being 3 to 8± feet in thickness. The V2 velocity layer, extends to depths of 20 to 26± feet, and has an average weighted velocity of 1,936 to 2,593 fps. These velocities most likely represents slightly-consolidated relatively older alluvial materials. The deeper V3 velocity layer underlying the subject property at depth where surveyed, has an average weighted velocity of 5,681 to 6,626 fps, which appears to consist of saturated alluvial materials (groundwater). Saturated sediments typically have velocities ranging from 5,000 fps to 7,000 fps (Milson, 1989), depending on the lithologic and consolidated nature of the subsurface

materials. This velocity range is due to the groundwater filling within the interstitial pore spaces of the alluvial materials, therefore resulting in a greater than $5,000\pm$ fps (approximate speed of sound waves in free-water). Therefore, the V2/V3 contact is believed to represent the interface of the groundwater table.

◆ **Refraction Tomographic Models:**

The **Rayfract**[™] tomographic models do not create discrete velocity layers or boundaries but rather produces a “smoothed” tomographic image that displays the velocity gradient within the limits of the seismic wave ray coverage that was sampled. The data appeared to be of good quality which was verified by the Root Mean Square Error (RMS) that is displayed on the lower right-hand corner of each tomographic model. The RMS error (misfit between picked and modeled first break times) is automatically calculated during the processing routine, with a value of less than 5.0% being preferred. The resultant models obtained values of between 2.3 to 6.2% (see the right-hand corner of the refraction tomographic models). The higher RMS value of 6.2% calculated from Seismic Line S-2 is believed to have been influenced from a storm drain running in the vicinity of the seismic traverse, causing spurious wave refractions. Based on the tomographic models that are presented within Appendix B, relatively planar velocity structural contours are depicted with the velocity gradient gradually increasing with depth.

SUMMARY OF FINDINGS AND CONCLUSIONS

The raw field data was considered to be of good quality with minor to moderate amounts of ambient “noise” being introduced during our survey, primarily from vehicular traffic along the nearby roadways/freeway and overhead power transmission lines. Therefore, analysis of the data and picking of the primary “P”-wave arrivals was therefore performed with some difficulty. All of the computer programs performed their analysis using exactly the same input data which includes first-arrival “P”-waves and survey line geometry. The resultant travel-time curve (Time-Distance Plot) that was developed from picking of the primary seismic “P”-wave data is presented on the Layer Velocity Model profiles, as presented within Appendix A.

The results of our comparative seismic analyses of the computer programs **SIPwin**, **Refractor**, and **Rayfract**[™], indicate that the seismic refraction survey line models appear to generally coincide with one another, with some minor variances due to the methods that these programs process and integrate the input data. Based on the layer velocity profiles, it appears that there is a generally thin mantle (up to $8\pm$ feet) of unconsolidated alluvial materials and/or artificial fill overlying the site, with progressively older and denser alluvial deposits at depth. Based on the seismic velocities obtained from the deeper V3 velocity layer, it is believed that the V2/V3 contact boundary represents the local groundwater table encountered at the time of our field survey. The refraction tomographic models revealed overall relatively planar structural velocity contouring.

In summary, based on the data obtained, there do not appear to be any observable anomalous conditions from a geophysical standpoint that would suggest that subsurface faulting is present within the limits of our survey traverses. No sharp lateral velocity offsets or anomalous features were imaged at depth based on the tomographic modeling, nor was there any deflection along the groundwater table interface.

CLOSURE

The field survey was performed by the undersigned on November 13, 2021 using "state of the art" geophysical equipment and techniques along accessible portions of the subject study area. The seismic data was evaluated using various seismic inversion computer programs, including using recently developed tomographic inversion techniques to provide a more thorough analysis and understanding of the subsurface structural conditions. It is important to understand that the fundamental limitation for seismic refraction surveys is known as nonuniqueness, wherein a specific seismic refraction data set does not provide sufficient information to determine a single "true" earth model. Therefore, the interpretation of any seismic data set uses "best-fit" approximations along with the geologic models that appear to be most reasonable for the local area being surveyed. It should be noted that estimates of the layer velocity boundaries are generally considered to be within $10\pm$ percent of the total depth of the contact.

Client should also understand that when using the theoretical geophysical principles and techniques discussed in this report, sources of error are possible in both the data obtained and, in the interpretation, and that the results of this survey may not represent actual subsurface conditions. These are all factors beyond **Terra Geosciences** control and no guarantees as to the results of this survey can be made. We make no warranty, either expressed or implied. If the client does not understand the limitations of this geophysical survey, additional input should be sought from the consultant.

This opportunity to be of service is sincerely appreciated. If you should have any questions regarding this report or do not understand the limitations of this study or the data that is presented, please do not hesitate to contact our office at your earliest convenience.

Respectfully submitted,
TERRA GEOSCIENCES



Donn C. Schwartzkopf
Professional Geophysicist
PGP 1002



SEISMIC LINE LOCATION MAP



Base Map: Google™ Earth imagery (2021), Seismic Line S-1 through S-4 shown as red lines, approximate mapped fault locations shown as orange lines.

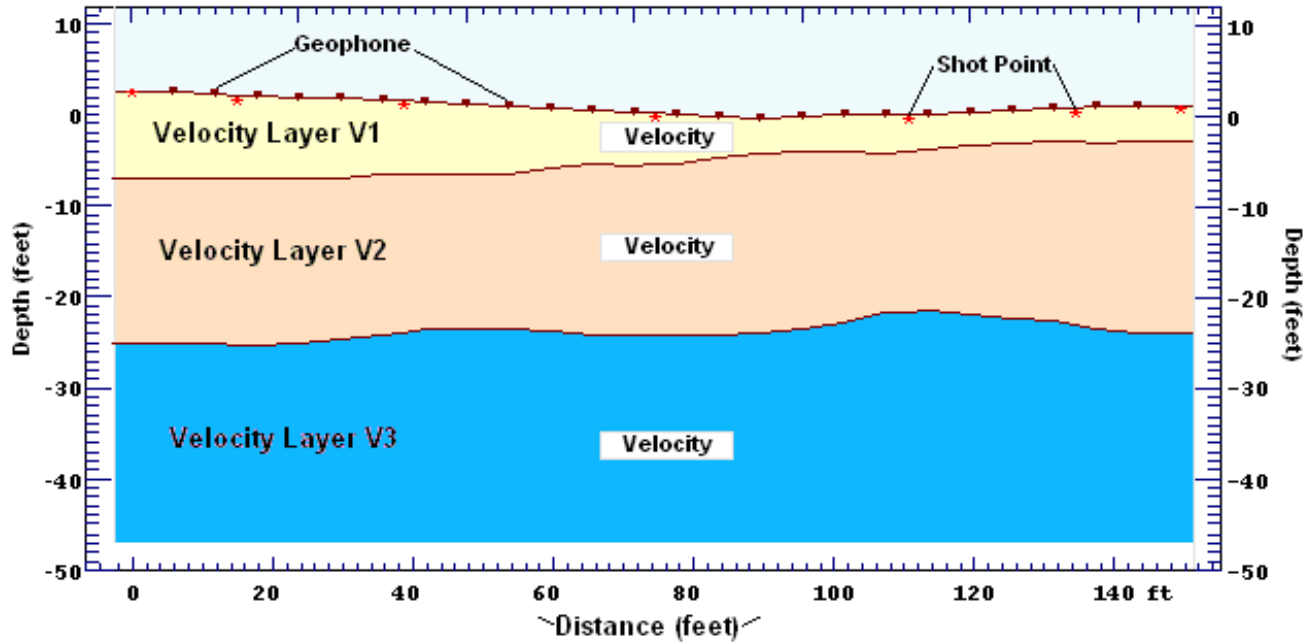
APPENDIX A

LAYER VELOCITY MODELS

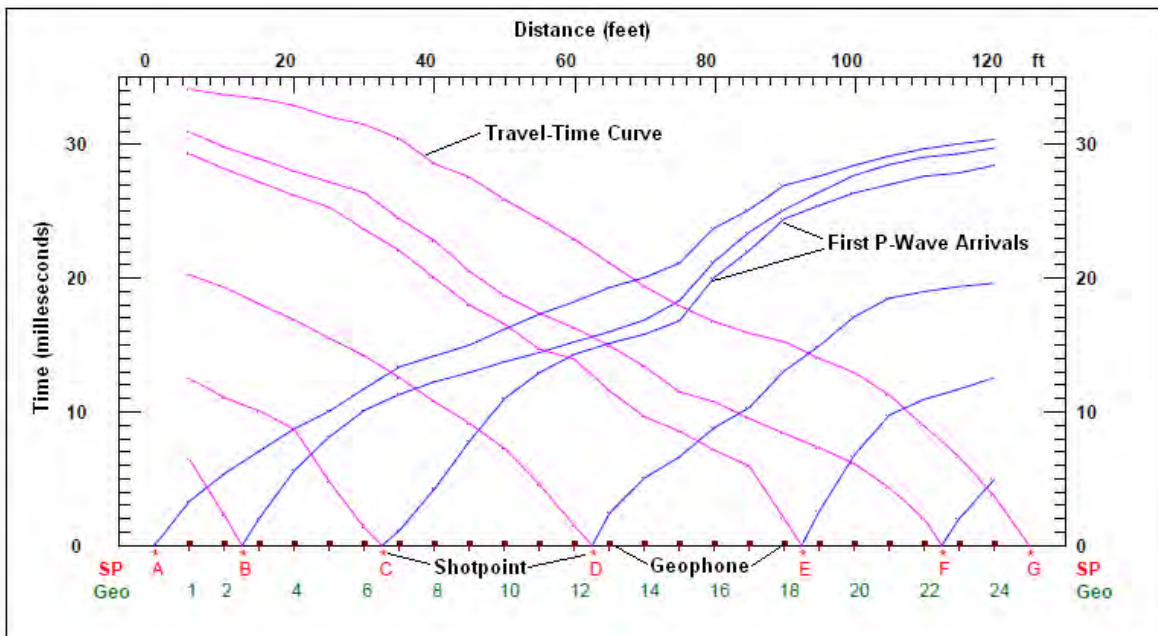


LAYER VELOCITY MODEL LEGEND

LAYER VELOCITY MODEL



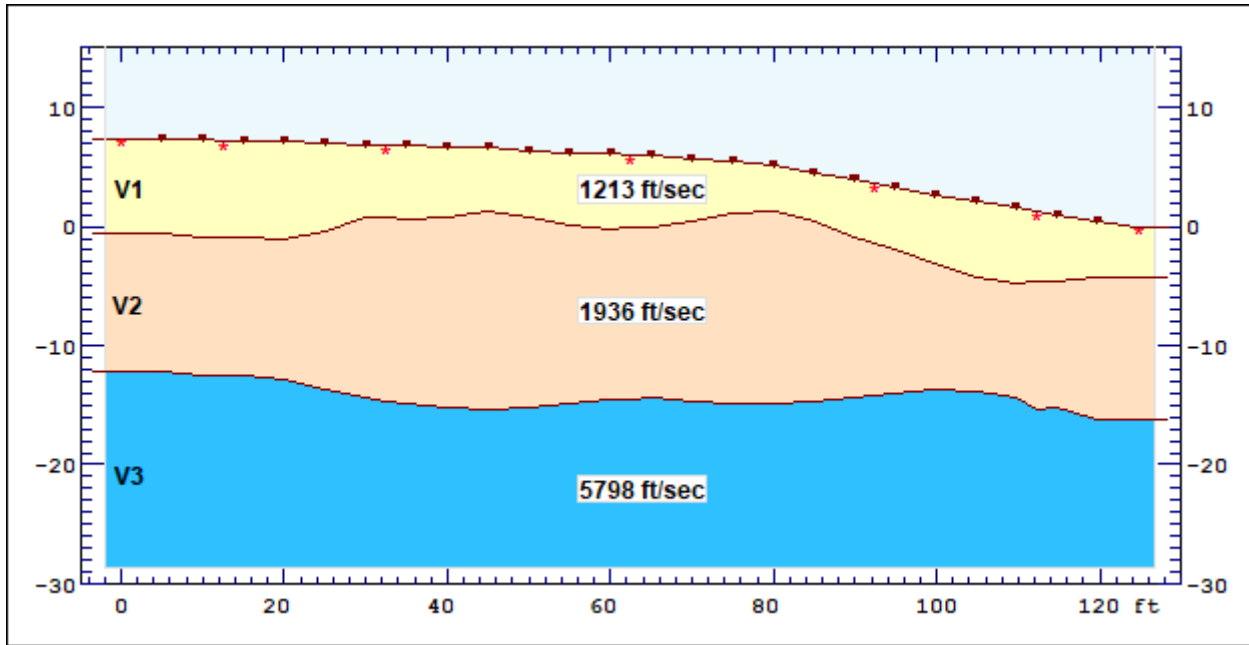
TIME-DISTANCE PLOT



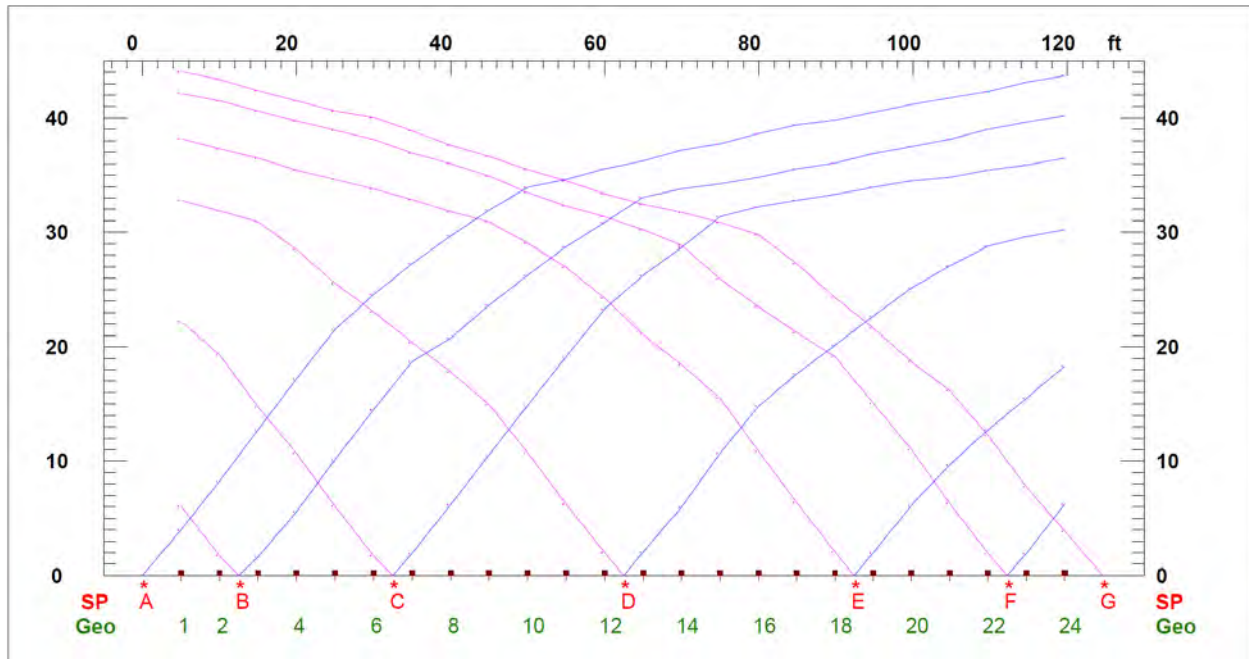
SEISMIC LINE S-1

South 40° East >

LAYER VELOCITY MODEL



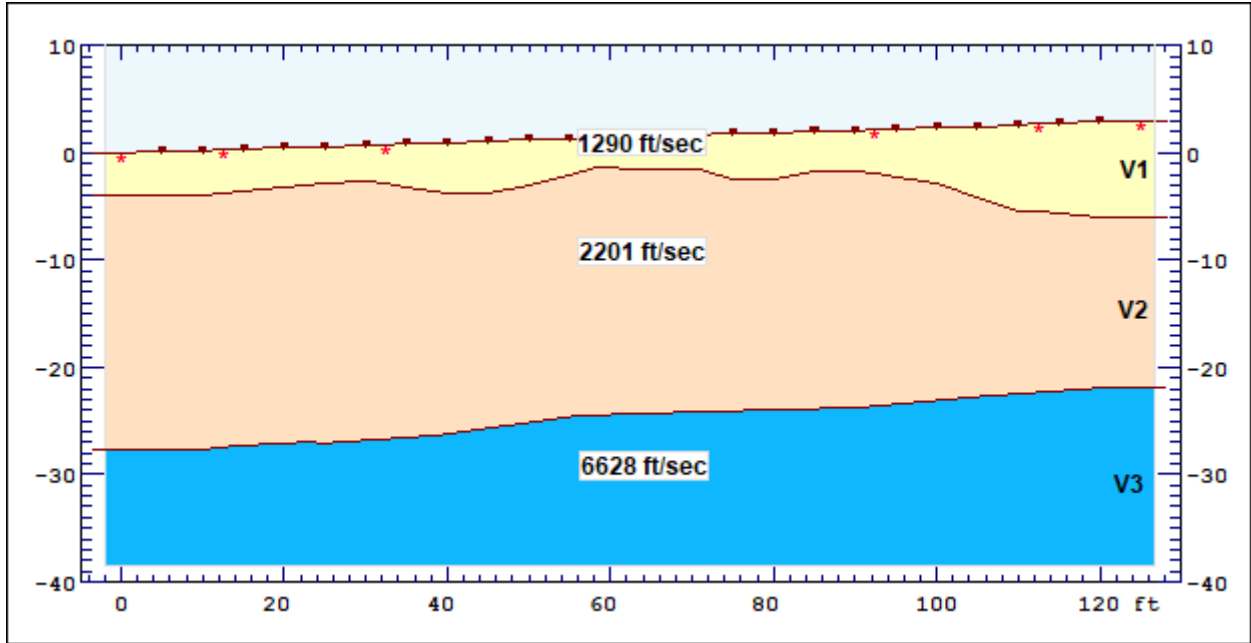
TIME-DISTANCE PLOT



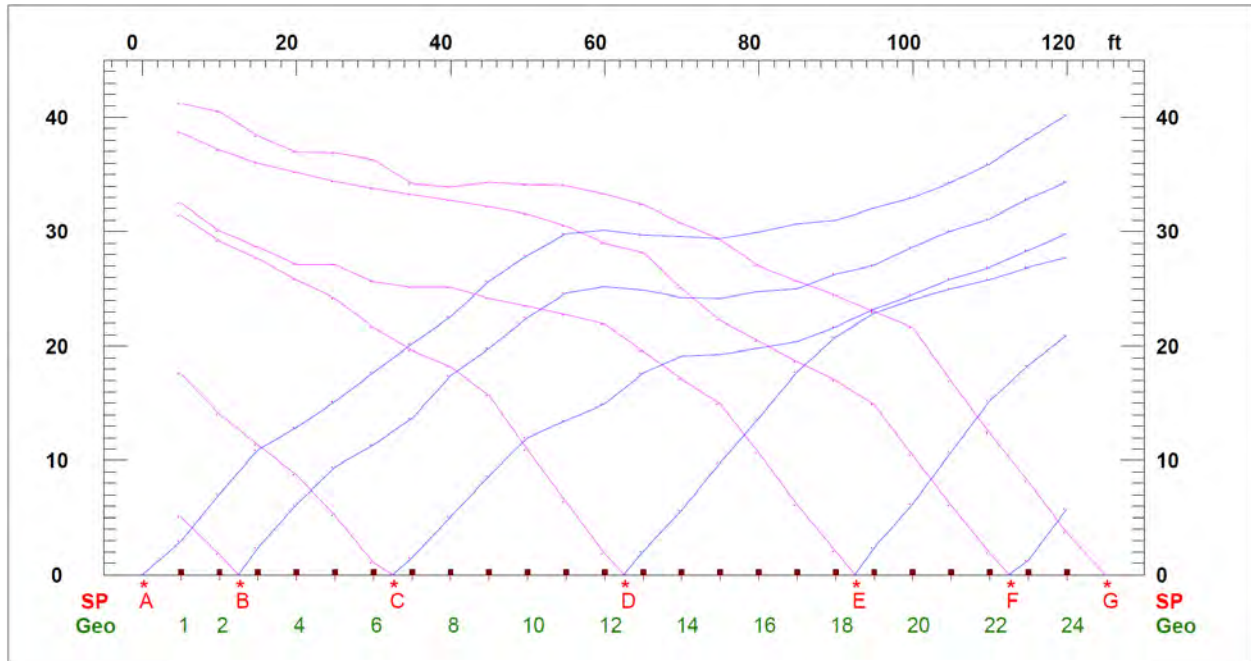
SEISMIC LINE S-2

North 25° East >

LAYER VELOCITY MODEL



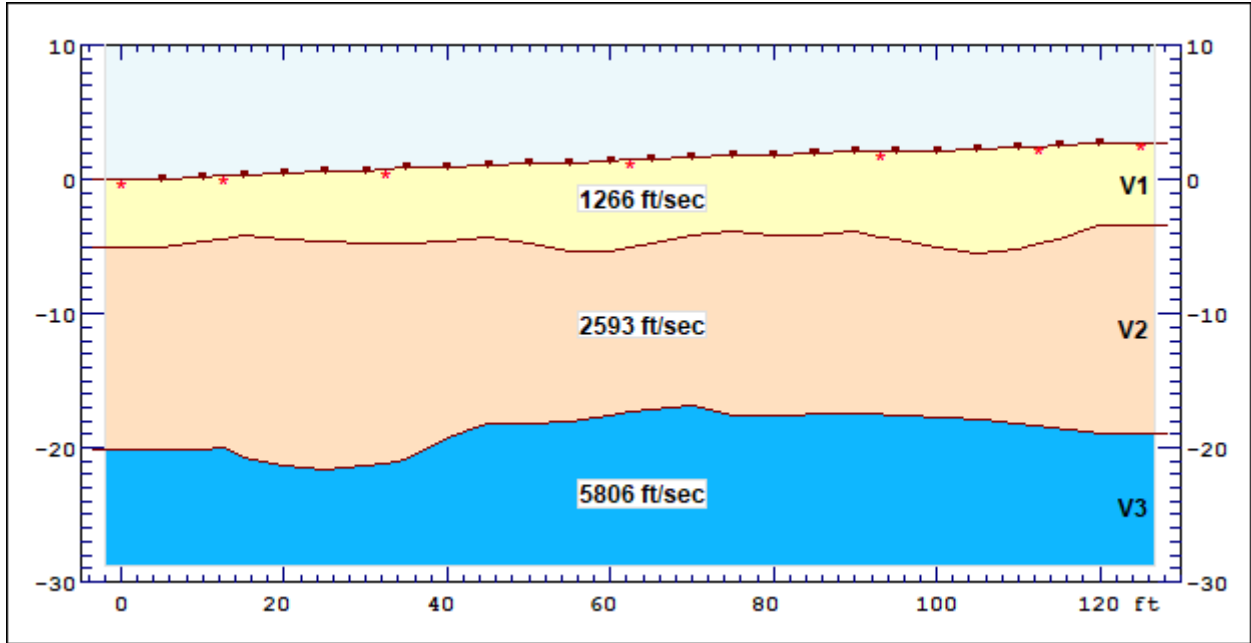
TIME-DISTANCE PLOT



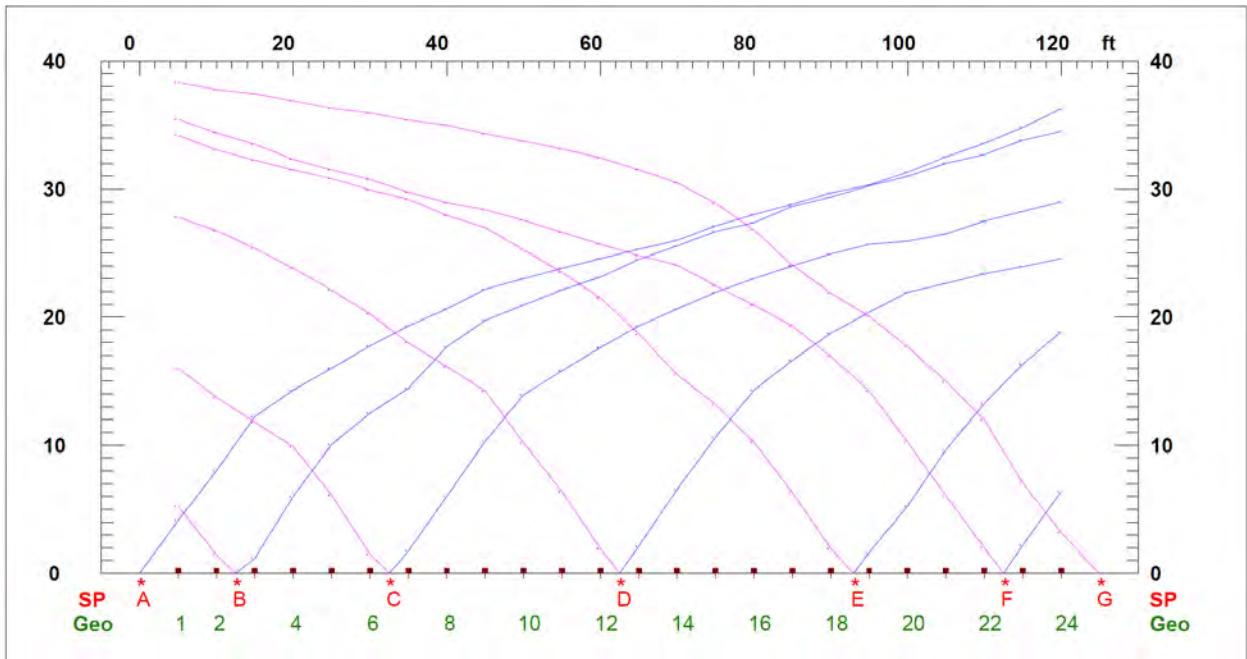
SEISMIC LINE S-3

North 49° East >

LAYER VELOCITY MODEL



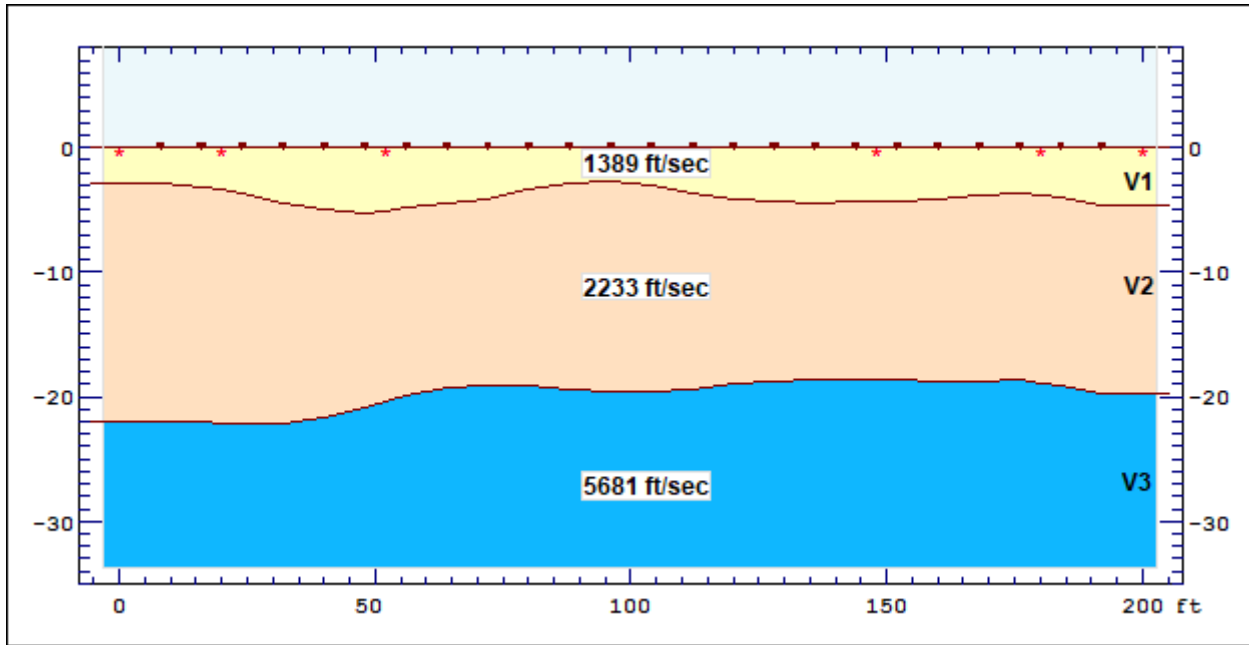
TIME-DISTANCE PLOT



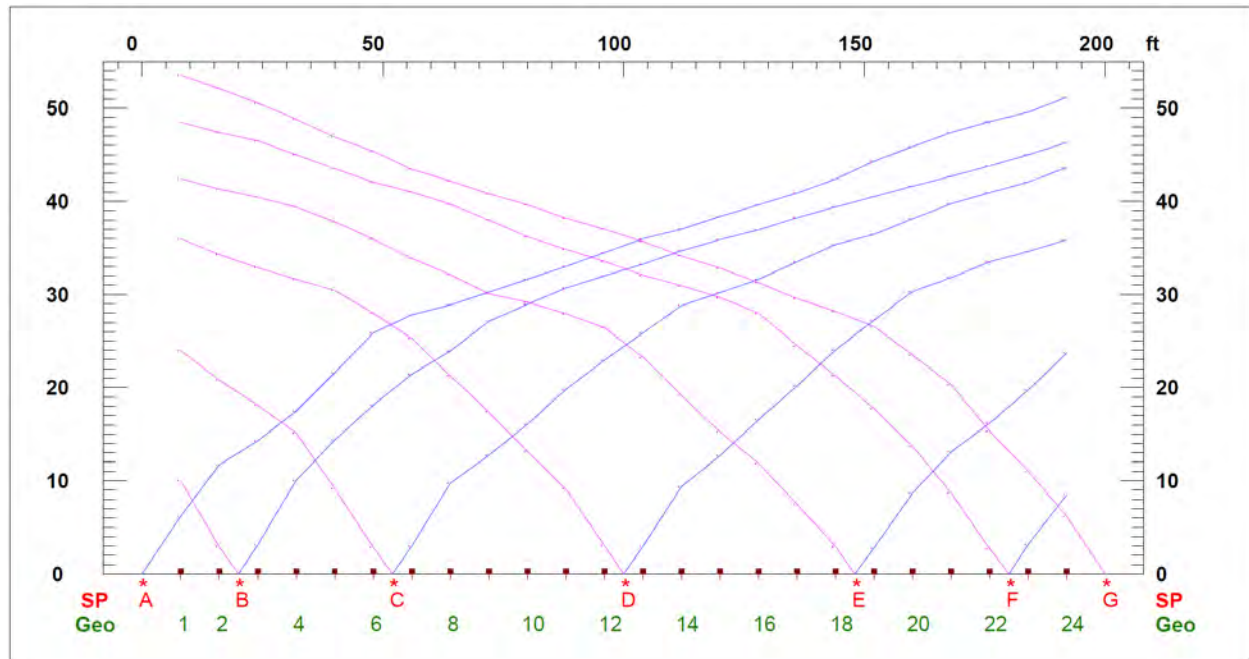
SEISMIC LINE S-4

South 5° West >

LAYER VELOCITY MODEL



TIME-DISTANCE PLOT



APPENDIX B

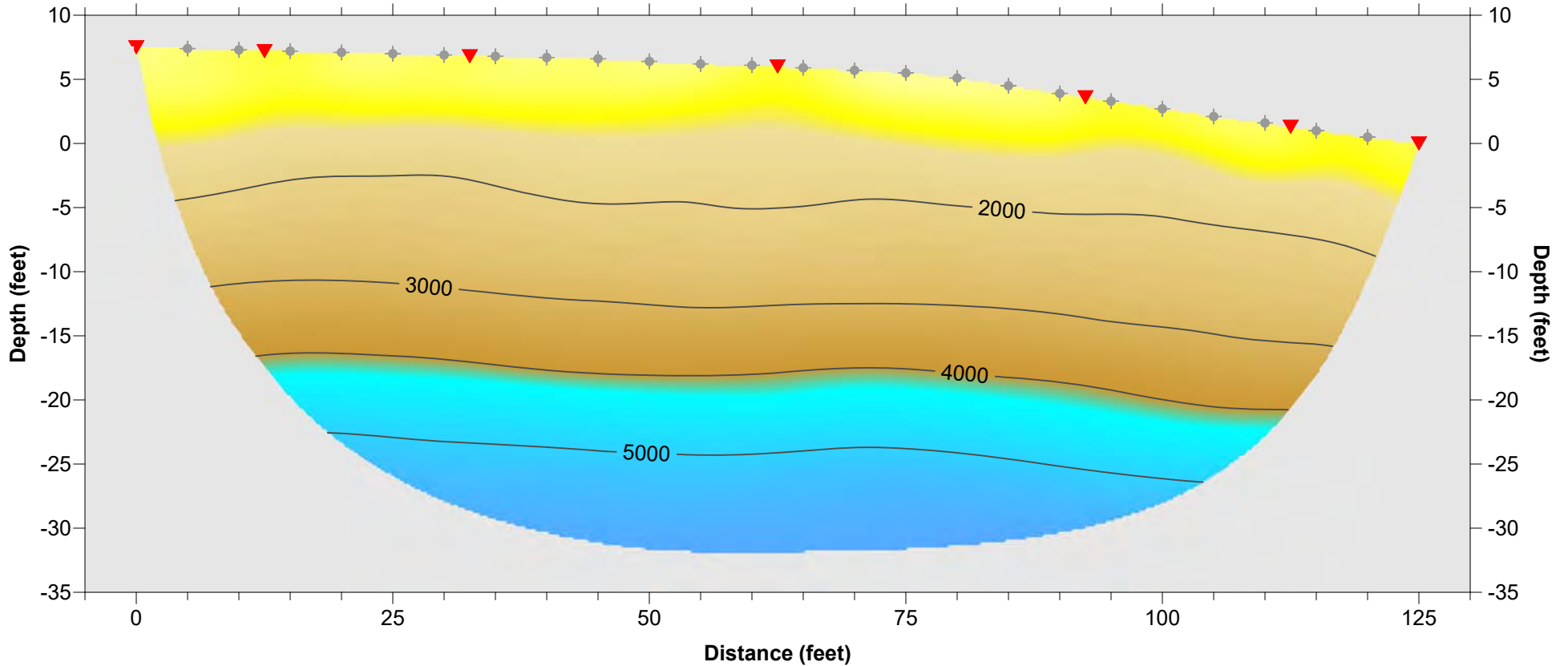
REFRACTION TOMOGRAPHIC MODELS



SEISMIC LINE S-1

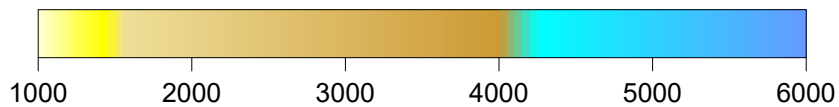
South 40° East →

REFRACTION TOMOGRAPHIC MODEL



▼ Seismic Source

◆ Geophone Receiver



P-Wave Velocity (feet/second)

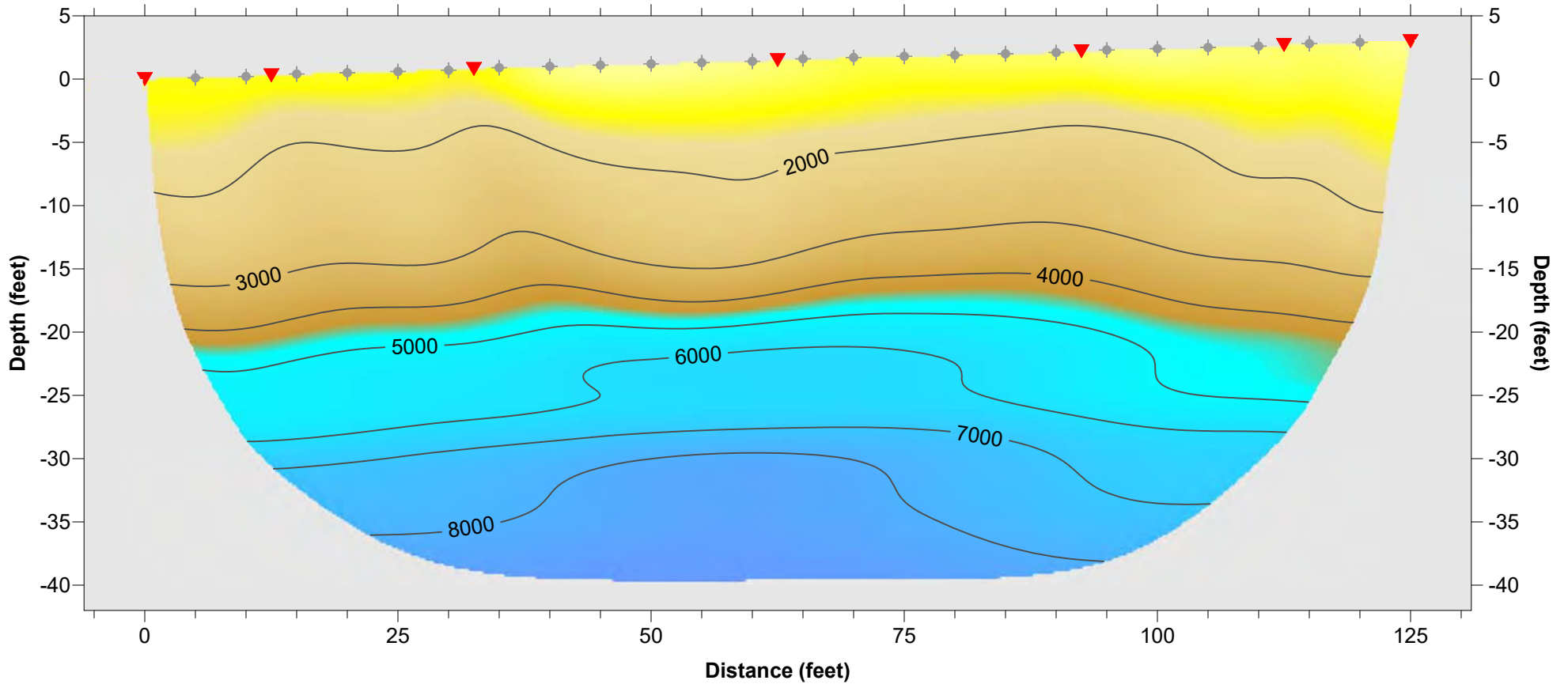
SCALE: Vertical Exaggeration 1.25X

RMS error 2.5%; Rayfract Version 4.02

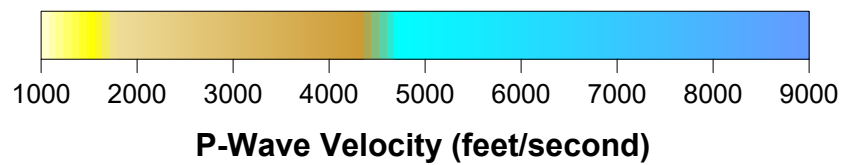
SEISMIC LINE S-2

North 25° East →

REFRACTION TOMOGRAPHIC MODEL



- ▼ Seismic Source
- ◆ Geophone Receiver



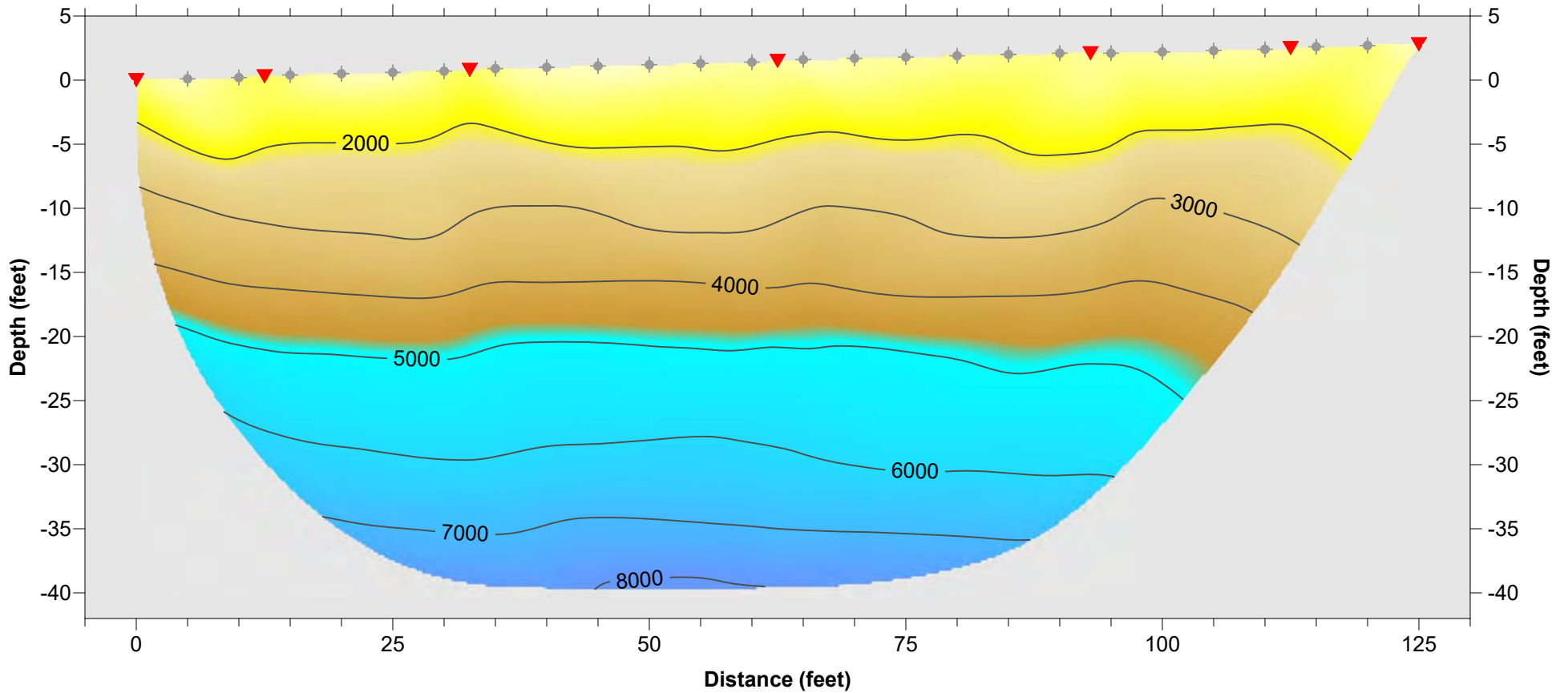
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RMS error 6.2%; Rayfract Version 4.02

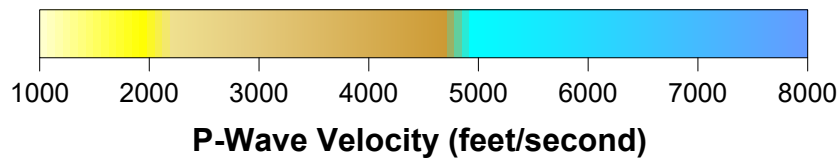
SEISMIC LINE S-3

North 49° East →

REFRACTION TOMOGRAPHIC MODEL



- ▼ Seismic Source
- ◆ Geophone Receiver



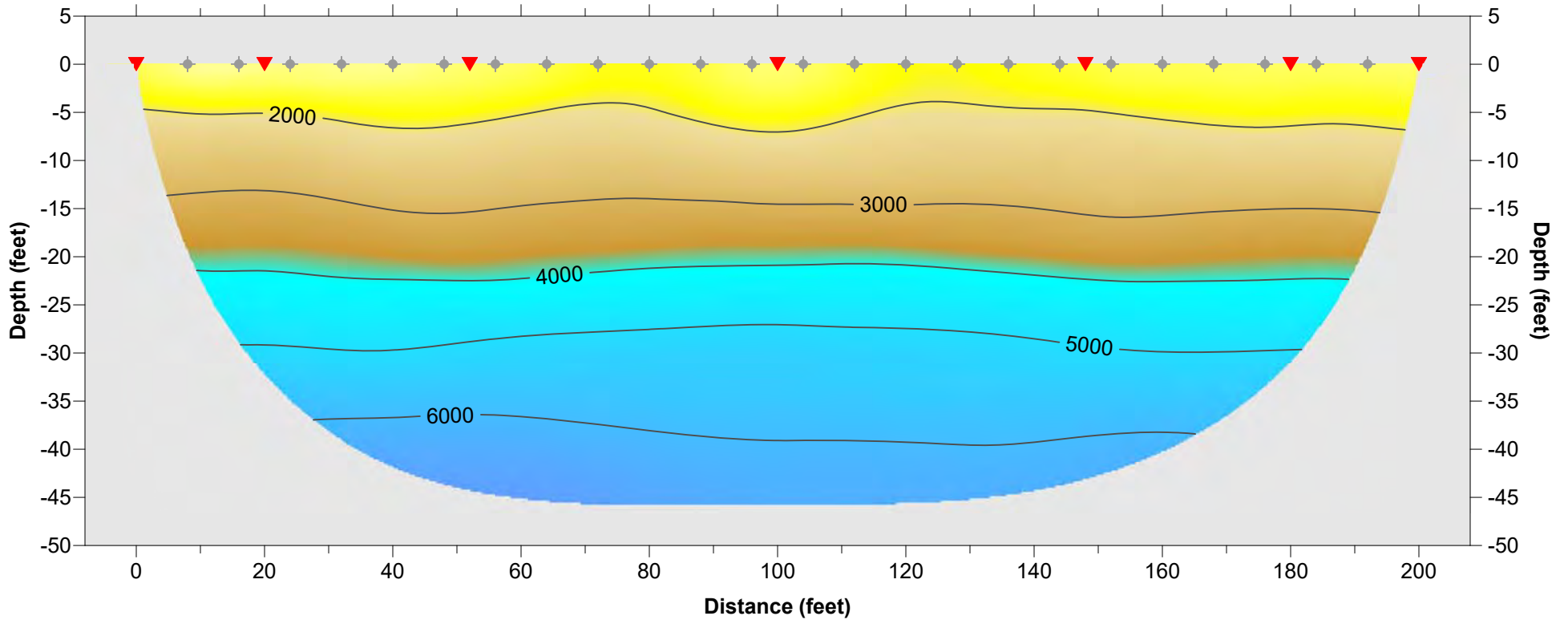
SCALE: Vertical Exaggeration 1.25X

RMS error 4.1%; Rayfract Version 4.02

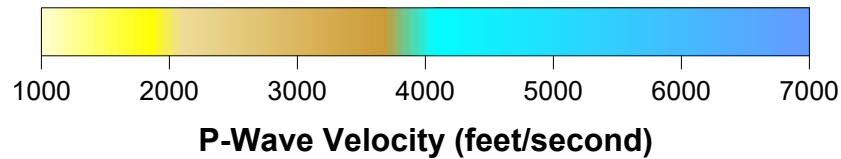
SEISMIC LINE S-4

South 5° West →

REFRACTION TOMOGRAPHIC MODEL



- ▼ Seismic Source
- ◆ Geophone Receiver



SCALE: Vertical Exaggeration 1.5X

RMS error 2.3%; Rayfract Version 4.02

APPENDIX C

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REFERENCES

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APPENDIX B

LABORATORY TESTS

APPENDIX B

LABORATORY TESTS

B-1.00 LABORATORY TESTS

B-1.01 Maximum Density

Maximum density - optimum moisture relationships for the major soil types encountered during the field exploration were performed in the laboratory using the standard procedures of ASTM D1557.

B-1.02 Atterberg Limits

The liquid limit, plastic limit, and the plasticity index of the major soil types encountered in the test holes were determined using the standard test methods of ASTM D4318.

B-1.03 Expansion Tests

Expansion index tests were performed on representative samples of the major soil types encountered by the test methods outlined in ASTM D4829.

B-1.04 Soluble Sulfates and Chlorides

A test was performed on representative sample encountered during the investigation using the Caltrans Test Methods CTM 417 and CTM 422.

B-1.05 Soil Reactivity (pH) and Electrical Resistivity

Representative soil sample was tested for soil reactivity (pH) and electrical resistivity using California Test Method 643. The pH measurement determines the degree of acidity or alkalinity in the soils.

B-1.06 Specific Gravity

Specific gravity of a representative soil sample was performed using the standard procedures of ASTM D 854, specific gravity of soils by water pycnometer.

B-1.07 Particle Size Analysis

Particle size analysis was performed on representative samples of the major soils types in accordance to the standard test methods of the ASTM D422. The hydrometer portion of the standard procedure was not performed and the material retained on the #200 screen was washed.

B-1.08 Direct Shear

Direct shear tests were performed on representative samples of the major soil types encountered in the test holes using the standard test method of ASTM D3080 (consolidated and drained). Tests were performed on ring samples.

Shear tests were performed on a direct shear machine of the strain-controlled type. To simulate possible adverse field conditions, the samples were saturated prior to shearing. Several samples were sheared at varying normal loads and the results plotted to establish the angle of the internal friction and cohesion of the tested samples.

B-1.09 Resistance Value (R-Value)

Resistance Value tests were performed on representative samples of the major soil types encountered by the test methods outlined in California 301.

B-1.10 Moisture Measurement

Moisture content of the soil samples was performed in accordance to standard method for measurement of water content of soil by drying oven, ASTM D2216. The mass of material remaining after oven drying is used as the mass of the solid particles.

B-1.11 Density of Split-Barrel Samples

Soil samples were obtained by using a split-barrel sampler in accordance to standard method of ASTM D1586

B-1.12 Test Results

Test results for all laboratory tests performed on the subject project are presented in this appendix.

SAMPLE INFORMATION

Sample Number	Sample Description	Sample Location	
		Boring No.	Depth (ft)
1	Brown Silty Clay	B-21	4'-6'
2	Red Brown Clayey Sand	B-22	4'-6'
3	Yellow Brown Clayey Sand	B-23	4'-6'
4	Red Brown Clayey Sand	B-24	4'-6'

MAXIMUM DENSITY - OPTIMUM MOISTURE

Test Method: ASTM D1557

Sample Number	Optimum Moisture (Percent)	Maximum Density (lbs/ft ³)
2	123.9	11.3

ATTERBERG LIMITS

Test Method: ASTM D4318

Sample Location	Liquid Limit	Plastic Index	Soil Classification
B-21	32	17	CL
B-24	40	26	CL

EXPANSION TEST

Test Method: ASTM D4829

Sample Number	Molding Moisture Content (Percent)	Final Moisture Content (Percent)	Initial Dry Density (lbs/ft ³)	Expansion Index	Expansion Classification
3	11.4	15.8	114.9	35	Low

SOLUBLE SULFATES

Test Method: CTM 417 and CTM 422

Sample Number	Soluble Sulfate (ppm)	Soluble Chlorides (ppm)
4	460	32

SOIL REACTIVITY (pH) AND ELECTRICAL RESISTIVITY

Test Method: CTM 643

Sample Number	pH	Resistivity (Ohm-cm)
4	7.3	1,800

PERCENT PASSING #200 SIEVE

Test Method: ASTM D422

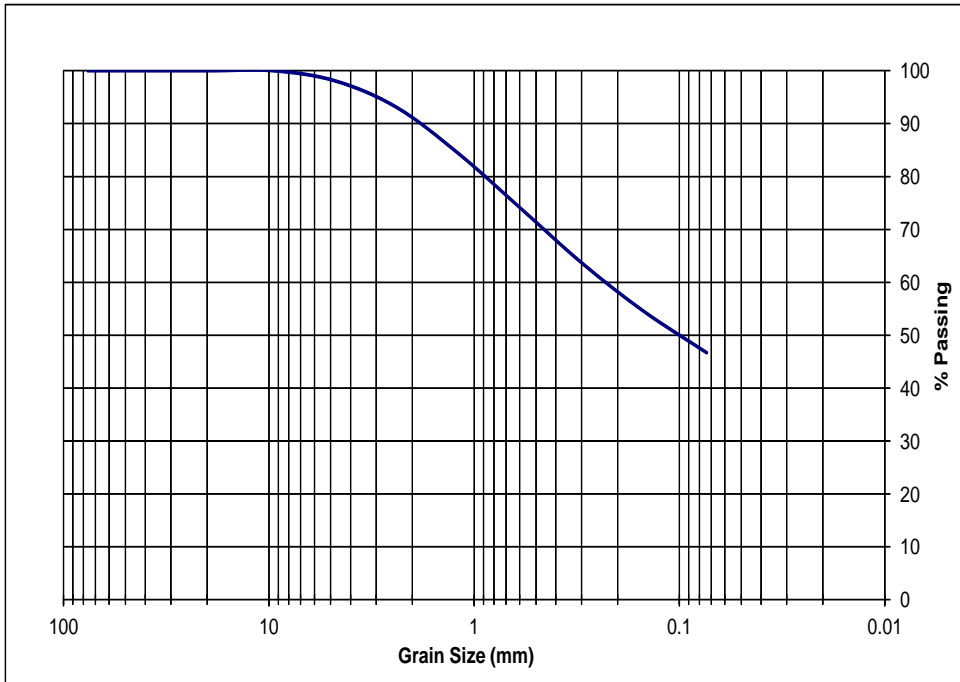
Sample Location	Percent Passing #200 Sieve
B-21 @ 20'	%35.5
B-21 @ 35'	%35.9

PARTICLE SIZE ANALYSIS
ASTM D422

Sample No: 4
Location: B-24 @ 4'-6'

Dry Net Weight (gms): 523.4

Screen Size	Net Retained Weight (lbs)	Net Passing Weight (lbs)	% Passing
3"	0	523.4	100
1-1/2"	0	523.4	100
3/4"	0	523.4	100
3/8"	0	523.4	100
#4	10.1	513.3	98
#8	36.4	487.0	93
#16	82.0	441.4	84
#30	136.7	386.7	74
#50	190.6	332.8	64
#100	237.7	285.7	55
#200	278.9	244.5	47



**DIRECT SHEAR TEST
ASTM D3080**

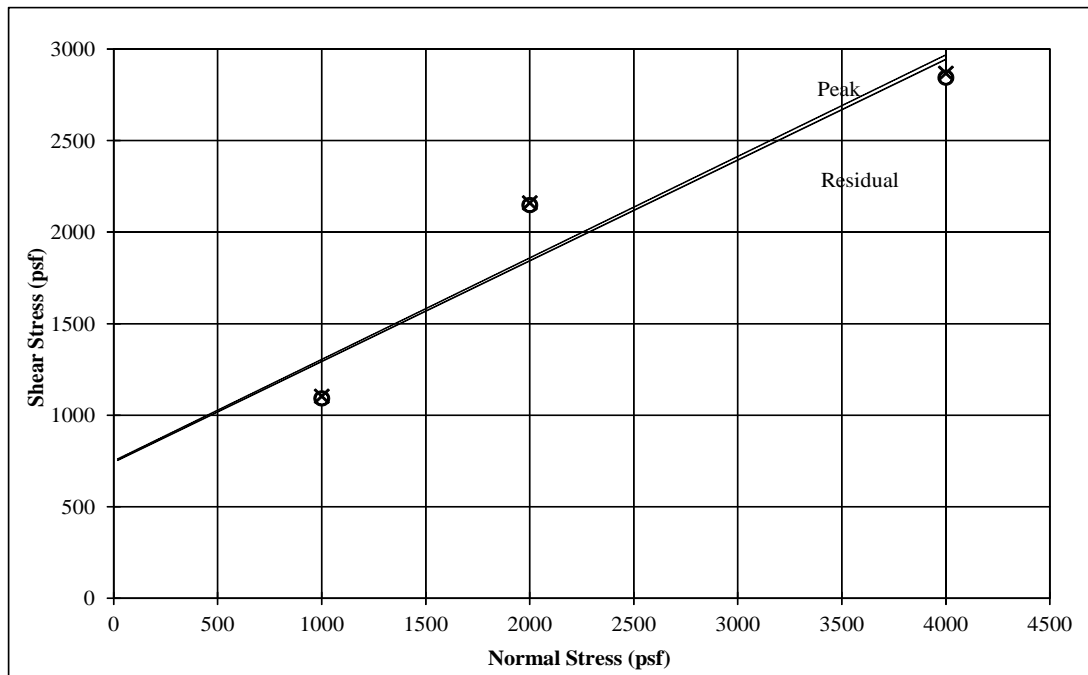
Sample ID: 2

Location: B-22 @ 4-6'

Maximum Dry Density (pcf) = 123.9
 Optimum Moisture Content (%) = 11.3
 Initial Dry Density (pcf) = 123.9
 Initial Moisture Content (%) = 11.3
 Final Moisture Content (%) = 18.8

Normal Pressure	Peak Shear Resist	Residual Shear Resist
1000	1092	1104
2000	2148	2160
4000	2844	2868

	Peak	Residual
Cohesion (psf) =	740	750
Friction Angle (deg) =	29	29



CTM 301 - DETERMINATION OF RESISTANCE "R" VALUE OF TREATED AND UNTREATED BASES, SUBBASES, AND BASEMENT SOILS BY THE STABILOMETER

Sample ID: 1

Specimen No	A	B	C
Moisture Content (%)	16.2	14.3	12.8
Dry Density (pcf)	111.8	116.7	121.9
Exudation Pressure (psi)	248	346	521
Stabilometer R Value	6	11	23
Expansion Pressure Dial	5	15	39

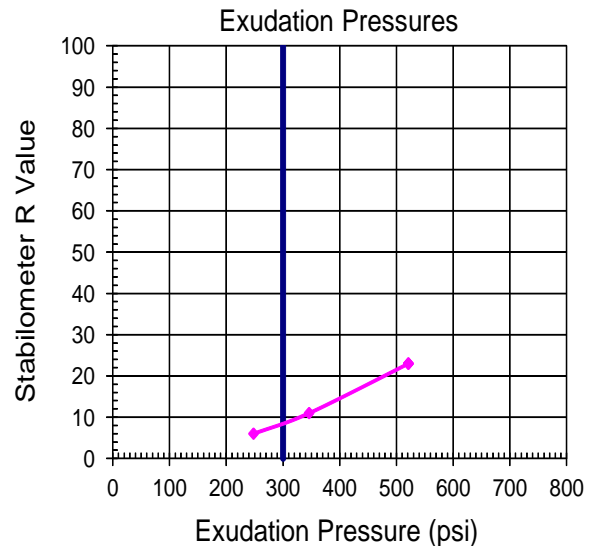
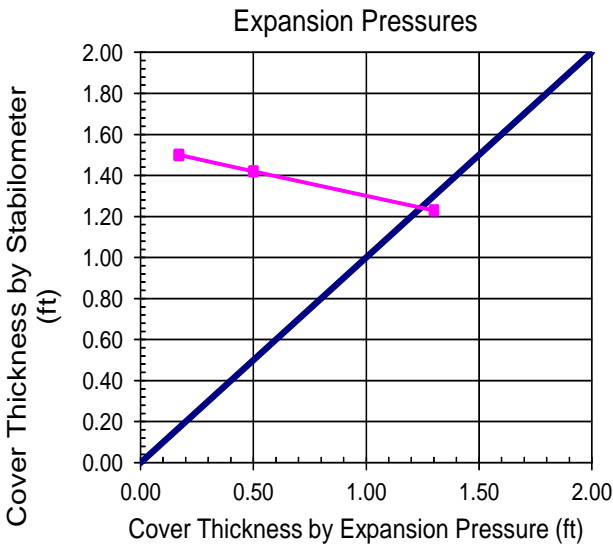
Use: Traffic Index = 5.0 Gravel Factor = 1.00

Thickness by Expansion (ft)	0.17	0.50	1.30
Thickness by Stabilometer (ft)	1.50	1.42	1.23

Equilibrium Thick (ft) 1.24

Equilibrium Pressure R Value **23**
Exudation Pressure R Value @ 300 psi **9**

Use Exudation R Value



Expansion Pressure R-Value is based on the following structural section:

Thickness of AC (ft)=	0.25	$G_r(ac) =$	2.50	$W(ac) =$	145
Thickness of Aggregate Base (ft)=	0.42	$G_r(base) =$	1.00	$W(base) =$	130
		$G_r(avg) =$	1.56	$W(avg) =$	136

CTM 301 - DETERMINATION OF RESISTANCE "R" VALUE OF TREATED AND UNTREATED BASES, SUBBASES, AND BASEMENT SOILS BY THE STABILOMETER

Sample ID: 4

Specimen No	A	B	C
Moisture Content (%)	12.0	14.0	15.4
Dry Density (pcf)	124.1	118.7	116.6
Exudation Pressure (psi)	648	348	213
Stabilometer R Value	53	15	8
Expansion Pressure Dial	55	29	27

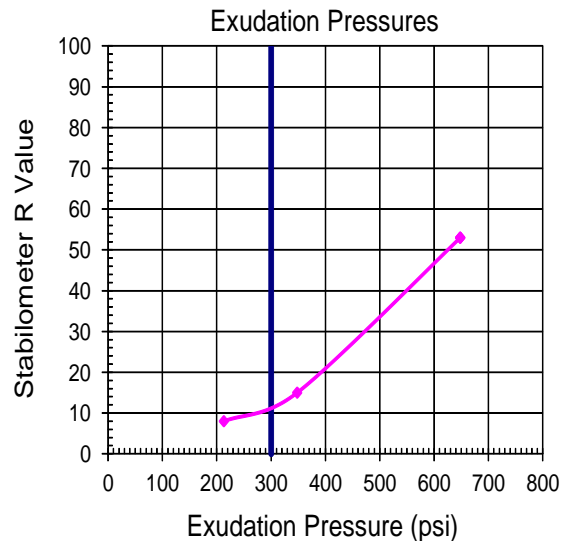
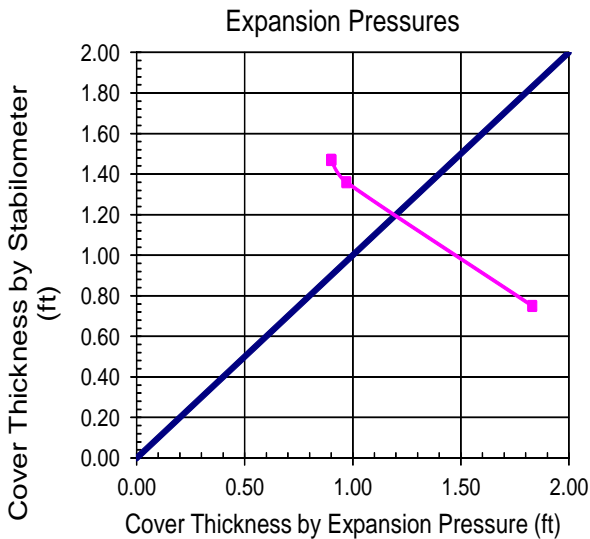
Use: Traffic Index = 5.0 Gravel Factor = 1.00

Thickness by Expansion (ft)	1.83	0.97	0.90
Thickness by Stabilometer (ft)	0.75	1.36	1.47

Equilibrium Thick (ft) 1.22

Equilibrium Pressure R Value **24**
Exudation Pressure R Value @ 300 psi **12**

Use Exudation R Value



Expansion Pressure R-Value is based on the following structural section:

Thickness of AC (ft)=	0.25	$G_f(ac) =$	2.50	$W(ac) =$	145
Thickness of Aggregate Base (ft)=	0.33	$G_f(base) =$	1.10	$W(base) =$	130
		$G_f(avg) =$	1.70	$W(avg) =$	136



APPENDIX D

SITE-SPECIFIC SEISMIC DESIGN PARAMETERS

Site-Specific MCE_R & Design Response Spectral Accelerations

Irving MS

Input Parameters

Coordinates 34.117, -118.242

Site Class D - Stiff Soil

Values used in Computation

V_{S30} 274 m/s

Z1.0 350 m

Z2.5 1150 m

Calculated Results

Site-Specific Design Parameters

S_{DS} 1.608 S_{MS} 2.412

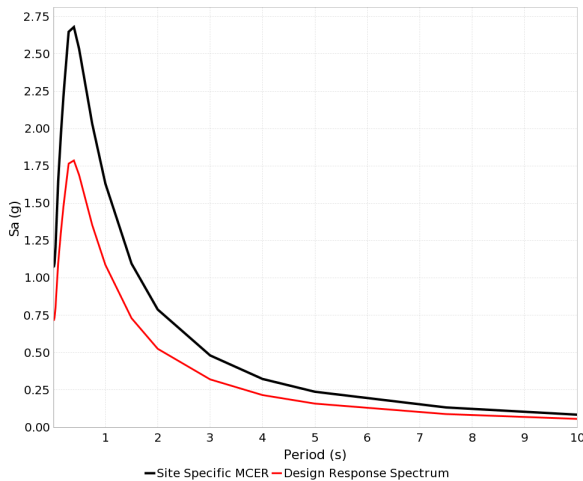
S_{D1} 1.096 S_{M1} 1.644



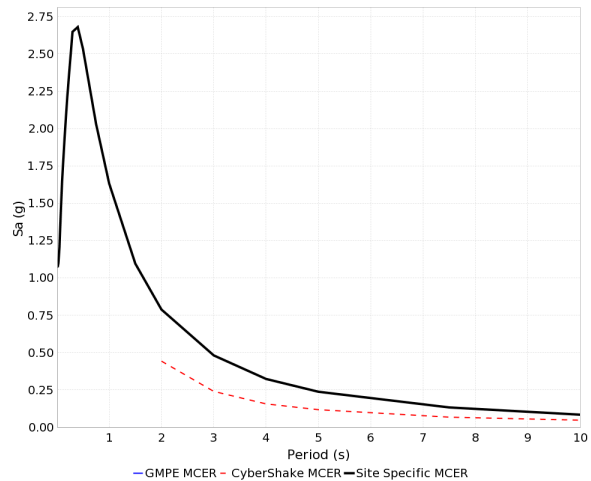
MCE_G Peak Ground Acceleration (Sect. 21.5)

PGA_M 0.916 g

MCE_R Response Spectra



MCE_R Response Spectra Comparison



Site-Specific MCE_R & Design Response Spectral Accelerations

MCE_R Response Spectrum Table

Period (s)	GMPE Sa (g)	CyberShake Sa (g)	Site-Specific MCE_R Sa* (g)
0.01	1.075		1.075
0.02	1.078		1.078
0.03	1.099		1.099
0.05	1.205		1.205
0.075	1.433		1.433
0.1	1.646		1.646
0.15	1.949		1.949
0.2	2.213		2.213
0.25	2.434		2.434
0.3	2.648		2.648
0.4	2.680		2.680
0.5	2.533		2.533
0.75	2.031		2.031
1.0	1.633		1.633
1.5	1.096		1.096
2.0	0.788	0.443	0.788
3.0	0.481	0.240	0.481
4.0	0.324	0.157	0.324
5.0	0.238	0.118	0.238
7.5	0.133	0.068	0.133
10.0	0.085	0.048	0.085

* Site-Specific MCE_R response spectrum obtained using obtained weighted geometric averaging procedure. See User Guide: https://data2.scec.org/ugms-mcerGM-tool_v18.4/guide

Site-Specific MCE_R & Design Response Spectral Accelerations

Important Note

The site-specific, design response spectral acceleration, S_a , returned by this tool for user-specified inputs, must be compared to the minimum S_a requirement described in Section 21.3 of ASCE 7-16 (second and third paragraphs). This minimum S_a is computed as 80% of the design response spectrum derived from the SDS, SD1, and TL values obtained from the ASCE tool at <https://asce7hazardtool.online/>. The larger of the site-specific S_a and the 80% minimum S_a at each period, T , is the final design response spectral acceleration. This final $S_a \times 1.5$ is the final MCE_R response spectral acceleration.

About UGMS

The UGMS MCE_R tool was developed by the SCEC Committee for Utilization of Ground Motion Simulations (or "UGMS Committee") from research supported by the Southern California Earthquake Center (SCEC). SCEC is funded by NSF Cooperative Agreement EAR-1033462 & USGS Cooperative Agreement G12AC20038. For more information on the UGMS Committee, visit <https://www.scec.org/research/ugms>.

The site-specific, design response spectral acceleration, S_a , returned by this tool for user-specified inputs, must be compared to the minimum S_a requirement described in Section 21.3 of ASCE 7-16 (second and third paragraphs). This minimum S_a is computed as 80% of the design response spectrum derived from the SDS, SD1, and TL values obtained from the ASCE tool at <https://asce7hazardtool.online/>.

The larger of the site-specific S_a and the 80% minimum S_a at each period, T , is the final design response spectral acceleration. This final $S_a \times 1.5$ is the final MCER response spectral acceleration.

We show that the site-specific design acceleration parameters are larger than the minimum 80% as presented below:

Section 21.3, ASCE 7-16		Site-specific	
$F_a =$	1.0		
$F_v =$	2.5		
$S_S =$	2.132		
$S_1 =$	0.745		
$S_{MS} =$	2.132	2.412	$2.412 > 0.8(2.132) = 1.706$
$S_{M1} =$	1.863	1.644	$1.644 > 0.8(1.863) = 1.490$
$S_{DS} =$	1.421	1.608	$1.608 > 0.8(1.421) = 1.137$
$S_{D1} =$	1.242	1.096	$1.096 > 0.8(1.242) = 0.994$

APPENDIX E

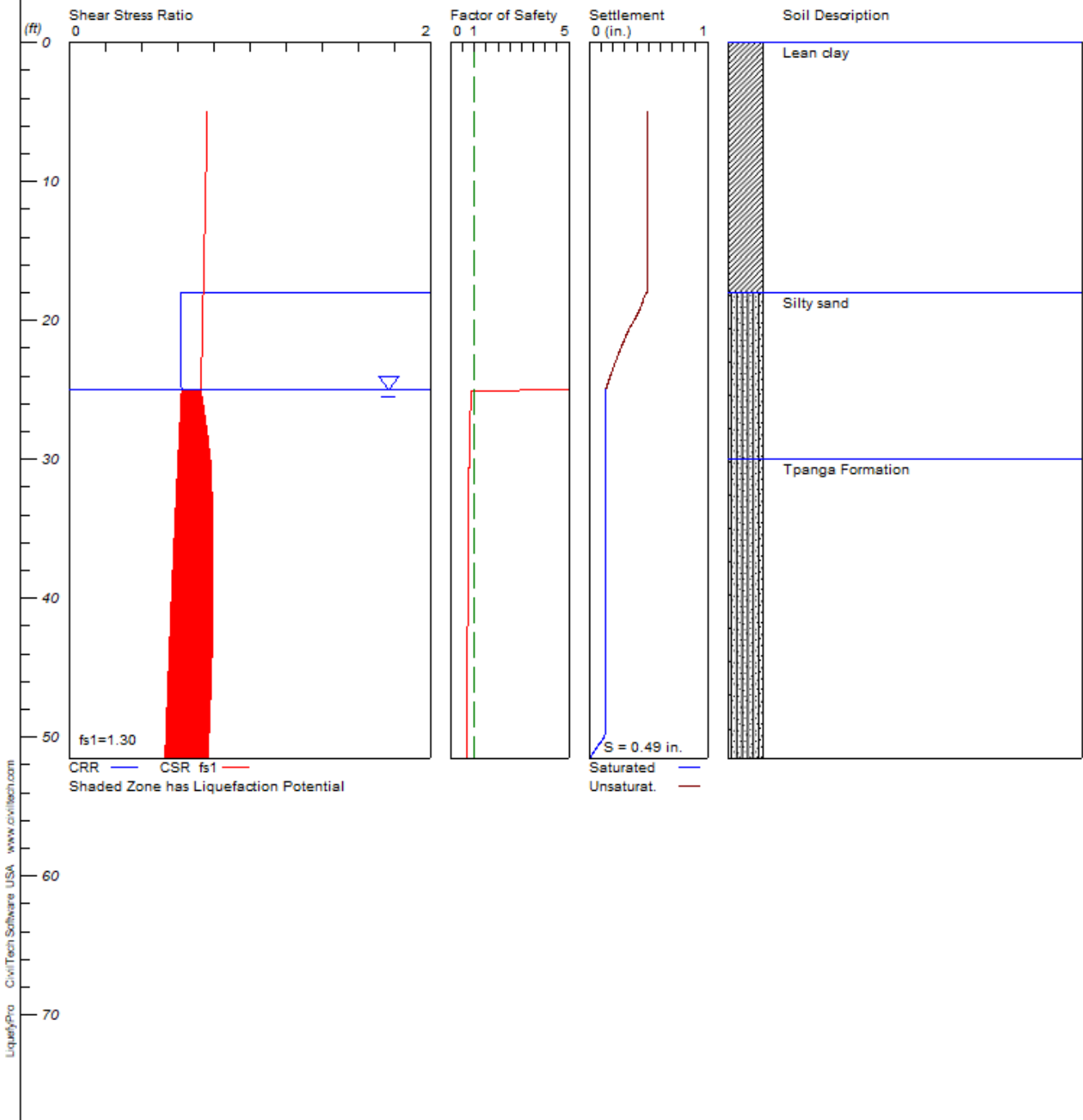
CALCULATIONS OF LIQUEFACTION POTENTIAL AND SEISMICALLY INDUCED SETTLEMENTS

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-6 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LiquifyPro CivilTech Software USA www.civiltech.com

LIQUEFACTION ANALYSIS SUMMARY
Copyright by CivilTech Software
www.civiltech.com

Font: Courier New, Regular, Size 8 is recommended for this report.
Licensed to , 12/30/2021 2:40:13 PM

Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-6.liq
Title: Irving MS
Subtitle: Boring B-6

Surface Elev.=
Hole No.=B-6
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 100.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-6
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 100.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	36.00	135.30	NoLiq
10.00	62.00	135.20	NoLiq
15.00	32.00	130.00	NoLiq
20.00	21.00	125.00	35.00
25.00	43.00	125.00	35.00
30.00	100.00	140.00	20.00
35.00	100.00	140.00	20.00
40.00	77.00	140.00	20.00
45.00	100.00	140.00	20.00
50.00	30.00	140.00	20.00

Output Results:

Settlement of Saturated Sands=0.13 in.
Settlement of Unsaturated Sands=0.35 in.
Total Settlement of Saturated and Unsaturated Sands=0.49 in.
Differential Settlement=0.243 to 0.320 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.00	2.00	0.76	5.00	0.13	0.35	0.49

18.85	0.62	0.74	5.00	0.13	0.31	0.44
18.90	0.62	0.74	5.00	0.13	0.31	0.44
18.95	0.62	0.74	5.00	0.13	0.30	0.44
19.00	0.62	0.74	5.00	0.13	0.30	0.43
19.05	0.62	0.74	5.00	0.13	0.30	0.43
19.10	0.62	0.74	5.00	0.13	0.30	0.43
19.15	0.62	0.74	5.00	0.13	0.29	0.43
19.20	0.62	0.74	5.00	0.13	0.29	0.43
19.25	0.62	0.74	5.00	0.13	0.29	0.42
19.30	0.62	0.74	5.00	0.13	0.29	0.42
19.35	0.62	0.74	5.00	0.13	0.28	0.42
19.40	0.62	0.74	5.00	0.13	0.28	0.42
19.45	0.62	0.74	5.00	0.13	0.28	0.41
19.50	0.62	0.74	5.00	0.13	0.28	0.41
19.55	0.62	0.74	5.00	0.13	0.27	0.41
19.60	0.62	0.74	5.00	0.13	0.27	0.40
19.65	0.62	0.74	5.00	0.13	0.27	0.40
19.70	0.62	0.74	5.00	0.13	0.26	0.40
19.75	0.62	0.74	5.00	0.13	0.26	0.39
19.80	0.62	0.74	5.00	0.13	0.26	0.39
19.85	0.62	0.74	5.00	0.13	0.25	0.39
19.90	0.62	0.74	5.00	0.13	0.25	0.38
19.95	0.62	0.74	5.00	0.13	0.25	0.38
20.00	0.62	0.74	5.00	0.13	0.24	0.38
20.05	0.62	0.74	5.00	0.13	0.24	0.37
20.10	0.62	0.74	5.00	0.13	0.24	0.37
20.15	0.62	0.74	5.00	0.13	0.23	0.37
20.20	0.62	0.74	5.00	0.13	0.23	0.36
20.25	0.62	0.74	5.00	0.13	0.23	0.36
20.30	0.62	0.74	5.00	0.13	0.22	0.36
20.35	0.62	0.74	5.00	0.13	0.22	0.35
20.40	0.62	0.74	5.00	0.13	0.22	0.35
20.45	0.62	0.74	5.00	0.13	0.21	0.35
20.50	0.62	0.74	5.00	0.13	0.21	0.34
20.55	0.62	0.74	5.00	0.13	0.21	0.34
20.60	0.62	0.74	5.00	0.13	0.20	0.34
20.65	0.62	0.74	5.00	0.13	0.20	0.33
20.70	0.62	0.74	5.00	0.13	0.20	0.33
20.75	0.62	0.74	5.00	0.13	0.19	0.33
20.80	0.62	0.74	5.00	0.13	0.19	0.33
20.85	0.62	0.74	5.00	0.13	0.19	0.32
20.90	0.62	0.74	5.00	0.13	0.19	0.32
20.95	0.62	0.74	5.00	0.13	0.18	0.32
21.00	0.62	0.74	5.00	0.13	0.18	0.31
21.05	0.62	0.74	5.00	0.13	0.18	0.31
21.10	0.62	0.74	5.00	0.13	0.18	0.31
21.15	0.62	0.74	5.00	0.13	0.17	0.31
21.20	0.62	0.74	5.00	0.13	0.17	0.30
21.25	0.62	0.74	5.00	0.13	0.17	0.30
21.30	0.62	0.74	5.00	0.13	0.17	0.30
21.35	0.62	0.74	5.00	0.13	0.16	0.30
21.40	0.62	0.74	5.00	0.13	0.16	0.29
21.45	0.62	0.74	5.00	0.13	0.16	0.29
21.50	0.62	0.74	5.00	0.13	0.16	0.29
21.55	0.62	0.74	5.00	0.13	0.15	0.29
21.60	0.62	0.74	5.00	0.13	0.15	0.28
21.65	0.62	0.73	5.00	0.13	0.15	0.28
21.70	0.62	0.73	5.00	0.13	0.15	0.28
21.75	0.62	0.73	5.00	0.13	0.14	0.28
21.80	0.62	0.73	5.00	0.13	0.14	0.27
21.85	0.62	0.73	5.00	0.13	0.14	0.27
21.90	0.62	0.73	5.00	0.13	0.14	0.27
21.95	0.62	0.73	5.00	0.13	0.13	0.27
22.00	0.62	0.73	5.00	0.13	0.13	0.26
22.05	0.62	0.73	5.00	0.13	0.13	0.26
22.10	0.62	0.73	5.00	0.13	0.13	0.26
22.15	0.62	0.73	5.00	0.13	0.12	0.26
22.20	0.62	0.73	5.00	0.13	0.12	0.25
22.25	0.62	0.73	5.00	0.13	0.12	0.25

22.30	0.62	0.73	5.00	0.13	0.12	0.25
22.35	0.62	0.73	5.00	0.13	0.11	0.25
22.40	0.62	0.73	5.00	0.13	0.11	0.24
22.45	0.62	0.73	5.00	0.13	0.11	0.24
22.50	0.62	0.73	5.00	0.13	0.11	0.24
22.55	0.62	0.73	5.00	0.13	0.10	0.24
22.60	0.62	0.73	5.00	0.13	0.10	0.24
22.65	0.62	0.73	5.00	0.13	0.10	0.23
22.70	0.62	0.73	5.00	0.13	0.10	0.23
22.75	0.62	0.73	5.00	0.13	0.10	0.23
22.80	0.62	0.73	5.00	0.13	0.09	0.23
22.85	0.62	0.73	5.00	0.13	0.09	0.22
22.90	0.62	0.73	5.00	0.13	0.09	0.22
22.95	0.62	0.73	5.00	0.13	0.09	0.22
23.00	0.62	0.73	5.00	0.13	0.08	0.22
23.05	0.62	0.73	5.00	0.13	0.08	0.22
23.10	0.62	0.73	5.00	0.13	0.08	0.21
23.15	0.62	0.73	5.00	0.13	0.08	0.21
23.20	0.62	0.73	5.00	0.13	0.08	0.21
23.25	0.62	0.73	5.00	0.13	0.07	0.21
23.30	0.62	0.73	5.00	0.13	0.07	0.20
23.35	0.62	0.73	5.00	0.13	0.07	0.20
23.40	0.62	0.73	5.00	0.13	0.07	0.20
23.45	0.62	0.73	5.00	0.13	0.07	0.20
23.50	0.62	0.73	5.00	0.13	0.06	0.20
23.55	0.62	0.73	5.00	0.13	0.06	0.19
23.60	0.62	0.73	5.00	0.13	0.06	0.19
23.65	0.62	0.73	5.00	0.13	0.06	0.19
23.70	0.62	0.73	5.00	0.13	0.05	0.19
23.75	0.62	0.73	5.00	0.13	0.05	0.19
23.80	0.62	0.73	5.00	0.13	0.05	0.18
23.85	0.62	0.73	5.00	0.13	0.05	0.18
23.90	0.62	0.73	5.00	0.13	0.05	0.18
23.95	0.62	0.73	5.00	0.13	0.04	0.18
24.00	0.62	0.73	5.00	0.13	0.04	0.18
24.05	0.62	0.73	5.00	0.13	0.04	0.17
24.10	0.62	0.73	5.00	0.13	0.04	0.17
24.15	0.62	0.73	5.00	0.13	0.04	0.17
24.20	0.62	0.73	5.00	0.13	0.03	0.17
24.25	0.62	0.73	5.00	0.13	0.03	0.17
24.30	0.62	0.73	5.00	0.13	0.03	0.16
24.35	0.62	0.73	5.00	0.13	0.03	0.16
24.40	0.62	0.73	5.00	0.13	0.03	0.16
24.45	0.62	0.73	5.00	0.13	0.02	0.16
24.50	0.62	0.73	5.00	0.13	0.02	0.16
24.55	0.62	0.73	5.00	0.13	0.02	0.15
24.60	0.62	0.73	5.00	0.13	0.02	0.15
24.65	0.62	0.73	5.00	0.13	0.02	0.15
24.70	0.62	0.73	5.00	0.13	0.01	0.15
24.75	0.62	0.73	5.00	0.13	0.01	0.15
24.80	0.62	0.73	5.00	0.13	0.01	0.14
24.85	0.62	0.73	5.00	0.13	0.01	0.14
24.90	0.62	0.73	5.00	0.13	0.01	0.14
24.95	0.62	0.73	5.00	0.13	0.00	0.14
25.00	0.62	0.73	5.00	0.13	0.00	0.14
25.05	0.62	0.73	0.85*	0.13	0.00	0.13
25.10	0.62	0.73	0.85*	0.13	0.00	0.13
25.15	0.62	0.73	0.85*	0.13	0.00	0.13
25.20	0.62	0.73	0.85*	0.13	0.00	0.13
25.25	0.62	0.73	0.85*	0.13	0.00	0.13
25.30	0.62	0.73	0.85*	0.13	0.00	0.13
25.35	0.62	0.73	0.85*	0.13	0.00	0.13
25.40	0.62	0.73	0.85*	0.13	0.00	0.13
25.45	0.62	0.73	0.85*	0.13	0.00	0.13
25.50	0.62	0.73	0.84*	0.13	0.00	0.13
25.55	0.62	0.73	0.84*	0.13	0.00	0.13
25.60	0.62	0.74	0.84*	0.13	0.00	0.13
25.65	0.62	0.74	0.84*	0.13	0.00	0.13
25.70	0.62	0.74	0.84*	0.13	0.00	0.13

49.90	0.53	0.77	0.69*	0.13	0.00	0.13
49.95	0.53	0.77	0.69*	0.12	0.00	0.12
50.00	0.53	0.77	0.69*	0.12	0.00	0.12
50.05	0.53	0.77	0.69*	0.12	0.00	0.12
50.10	0.53	0.77	0.69*	0.11	0.00	0.11
50.15	0.53	0.77	0.69*	0.11	0.00	0.11
50.20	0.53	0.77	0.69*	0.10	0.00	0.10
50.25	0.53	0.77	0.69*	0.10	0.00	0.10
50.30	0.53	0.77	0.69*	0.10	0.00	0.10
50.35	0.53	0.77	0.69*	0.09	0.00	0.09
50.40	0.53	0.77	0.69*	0.09	0.00	0.09
50.45	0.53	0.77	0.69*	0.09	0.00	0.09
50.50	0.53	0.77	0.69*	0.08	0.00	0.08
50.55	0.53	0.77	0.69*	0.08	0.00	0.08
50.60	0.53	0.77	0.69*	0.07	0.00	0.07
50.65	0.53	0.77	0.69*	0.07	0.00	0.07
50.70	0.53	0.77	0.69*	0.07	0.00	0.07
50.75	0.53	0.77	0.69*	0.06	0.00	0.06
50.80	0.53	0.77	0.69*	0.06	0.00	0.06
50.85	0.53	0.77	0.69*	0.05	0.00	0.05
50.90	0.53	0.77	0.69*	0.05	0.00	0.05
50.95	0.53	0.77	0.69*	0.05	0.00	0.05
51.00	0.53	0.77	0.69*	0.04	0.00	0.04
51.05	0.53	0.77	0.69*	0.04	0.00	0.04
51.10	0.53	0.77	0.69*	0.03	0.00	0.03
51.15	0.53	0.77	0.69*	0.03	0.00	0.03
51.20	0.53	0.77	0.69*	0.02	0.00	0.02
51.25	0.53	0.77	0.69*	0.02	0.00	0.02
51.30	0.53	0.77	0.69*	0.02	0.00	0.02
51.35	0.53	0.77	0.69*	0.01	0.00	0.01
51.40	0.53	0.77	0.69*	0.01	0.00	0.01
51.45	0.53	0.77	0.69*	0.00	0.00	0.00
51.50	0.53	0.77	0.69*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

1 atm (atmosphere) = 1 tsf (ton/ft²)

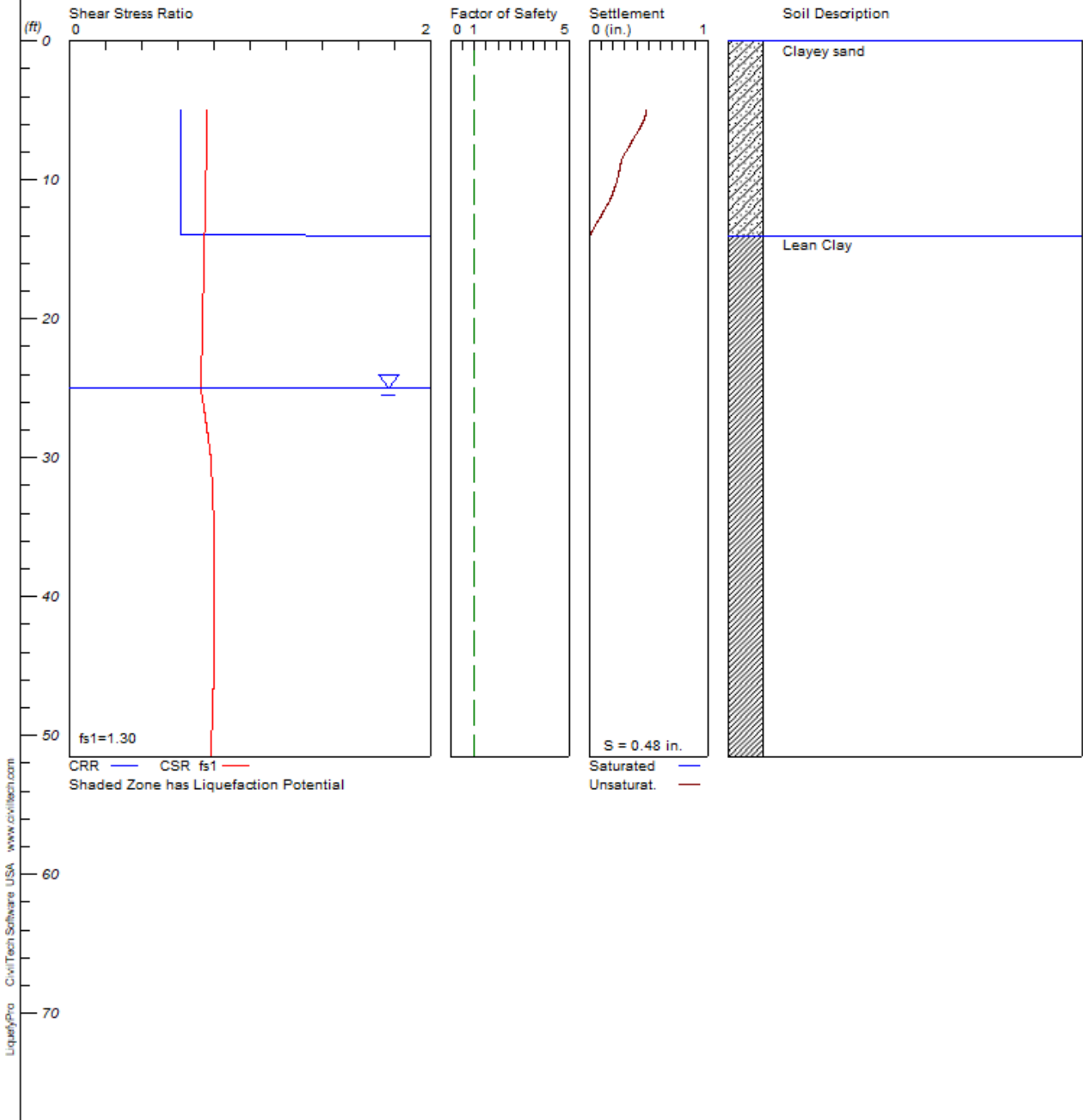
CRRm Cyclic resistance ratio from soils
 CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
 F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
 S_sat Settlement from saturated sands
 S_dry Settlement from Unsaturated Sands
 S_all Total Settlement from Saturated and Unsaturated Sands
 NoLiq No-Liquefy Soils

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-14 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LIQUEFACTION ANALYSIS SUMMARY
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Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-14.liq
Title: Irving MS
Subtitle: Boring B-14

Surface Elev.=
Hole No.=B-14
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 15.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-14
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 15.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	28.50	135.60	35.00
10.00	25.10	121.50	35.00
15.00	20.00	125.00	NoLiq
20.00	21.00	125.00	NoLiq
25.00	13.00	125.00	NoLiq
30.00	29.00	125.00	NoLiq
35.00	34.00	125.00	NoLiq
40.00	26.00	125.00	NoLiq
45.00	51.00	125.00	NoLiq
50.00	29.00	125.00	NoLiq

Output Results:

Settlement of Saturated Sands=0.00 in.
Settlement of Unsaturated Sands=0.48 in.
Total Settlement of Saturated and Unsaturated Sands=0.48 in.
Differential Settlement=0.240 to 0.317 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.00	0.62	0.76	5.00	0.00	0.48	0.48

5.05	0.62	0.76	5.00	0.00	0.48	0.48
5.10	0.62	0.76	5.00	0.00	0.48	0.48
5.15	0.62	0.76	5.00	0.00	0.48	0.48
5.20	0.62	0.76	5.00	0.00	0.48	0.48
5.25	0.62	0.76	5.00	0.00	0.47	0.47
5.30	0.62	0.76	5.00	0.00	0.47	0.47
5.35	0.62	0.76	5.00	0.00	0.47	0.47
5.40	0.62	0.76	5.00	0.00	0.47	0.47
5.45	0.62	0.76	5.00	0.00	0.47	0.47
5.50	0.62	0.76	5.00	0.00	0.47	0.47
5.55	0.62	0.76	5.00	0.00	0.47	0.47
5.60	0.62	0.76	5.00	0.00	0.46	0.46
5.65	0.62	0.76	5.00	0.00	0.46	0.46
5.70	0.62	0.76	5.00	0.00	0.46	0.46
5.75	0.62	0.76	5.00	0.00	0.46	0.46
5.80	0.62	0.76	5.00	0.00	0.46	0.46
5.85	0.62	0.76	5.00	0.00	0.45	0.45
5.90	0.62	0.76	5.00	0.00	0.45	0.45
5.95	0.62	0.76	5.00	0.00	0.45	0.45
6.00	0.62	0.76	5.00	0.00	0.44	0.44
6.05	0.62	0.76	5.00	0.00	0.44	0.44
6.10	0.62	0.76	5.00	0.00	0.44	0.44
6.15	0.62	0.76	5.00	0.00	0.43	0.43
6.20	0.62	0.76	5.00	0.00	0.43	0.43
6.25	0.62	0.76	5.00	0.00	0.43	0.43
6.30	0.62	0.76	5.00	0.00	0.42	0.42
6.35	0.62	0.76	5.00	0.00	0.42	0.42
6.40	0.62	0.76	5.00	0.00	0.42	0.42
6.45	0.62	0.76	5.00	0.00	0.41	0.41
6.50	0.62	0.76	5.00	0.00	0.41	0.41
6.55	0.62	0.76	5.00	0.00	0.41	0.41
6.60	0.62	0.76	5.00	0.00	0.40	0.40
6.65	0.62	0.76	5.00	0.00	0.40	0.40
6.70	0.62	0.76	5.00	0.00	0.40	0.40
6.75	0.62	0.76	5.00	0.00	0.39	0.39
6.80	0.62	0.76	5.00	0.00	0.39	0.39
6.85	0.62	0.76	5.00	0.00	0.39	0.39
6.90	0.62	0.76	5.00	0.00	0.38	0.38
6.95	0.62	0.76	5.00	0.00	0.38	0.38
7.00	0.62	0.76	5.00	0.00	0.38	0.38
7.05	0.62	0.76	5.00	0.00	0.37	0.37
7.10	0.62	0.76	5.00	0.00	0.37	0.37
7.15	0.62	0.76	5.00	0.00	0.36	0.36
7.20	0.62	0.76	5.00	0.00	0.36	0.36
7.25	0.62	0.76	5.00	0.00	0.36	0.36
7.30	0.62	0.76	5.00	0.00	0.35	0.35
7.35	0.62	0.76	5.00	0.00	0.35	0.35
7.40	0.62	0.76	5.00	0.00	0.35	0.35
7.45	0.62	0.76	5.00	0.00	0.34	0.34
7.50	0.62	0.76	5.00	0.00	0.34	0.34
7.55	0.62	0.76	5.00	0.00	0.34	0.34
7.60	0.62	0.76	5.00	0.00	0.33	0.33
7.65	0.62	0.76	5.00	0.00	0.33	0.33
7.70	0.62	0.76	5.00	0.00	0.33	0.33
7.75	0.62	0.76	5.00	0.00	0.32	0.32
7.80	0.62	0.76	5.00	0.00	0.32	0.32
7.85	0.62	0.76	5.00	0.00	0.32	0.32
7.90	0.62	0.76	5.00	0.00	0.31	0.31
7.95	0.62	0.76	5.00	0.00	0.31	0.31
8.00	0.62	0.76	5.00	0.00	0.31	0.31
8.05	0.62	0.76	5.00	0.00	0.30	0.30
8.10	0.62	0.76	5.00	0.00	0.30	0.30
8.15	0.62	0.76	5.00	0.00	0.30	0.30
8.20	0.62	0.76	5.00	0.00	0.29	0.29
8.25	0.62	0.76	5.00	0.00	0.29	0.29
8.30	0.62	0.76	5.00	0.00	0.29	0.29
8.35	0.62	0.76	5.00	0.00	0.28	0.28
8.40	0.62	0.76	5.00	0.00	0.28	0.28
8.45	0.62	0.76	5.00	0.00	0.28	0.28

8.50	0.62	0.76	5.00	0.00	0.27	0.27
8.55	0.62	0.76	5.00	0.00	0.27	0.27
8.60	0.62	0.76	5.00	0.00	0.27	0.27
8.65	0.62	0.76	5.00	0.00	0.27	0.27
8.70	0.62	0.76	5.00	0.00	0.27	0.27
8.75	0.62	0.76	5.00	0.00	0.27	0.27
8.80	0.62	0.76	5.00	0.00	0.26	0.26
8.85	0.62	0.76	5.00	0.00	0.26	0.26
8.90	0.62	0.76	5.00	0.00	0.26	0.26
8.95	0.62	0.76	5.00	0.00	0.26	0.26
9.00	0.62	0.76	5.00	0.00	0.26	0.26
9.05	0.62	0.76	5.00	0.00	0.26	0.26
9.10	0.62	0.76	5.00	0.00	0.26	0.26
9.15	0.62	0.76	5.00	0.00	0.26	0.26
9.20	0.62	0.76	5.00	0.00	0.26	0.26
9.25	0.62	0.76	5.00	0.00	0.25	0.25
9.30	0.62	0.76	5.00	0.00	0.25	0.25
9.35	0.62	0.76	5.00	0.00	0.25	0.25
9.40	0.62	0.76	5.00	0.00	0.25	0.25
9.45	0.62	0.76	5.00	0.00	0.25	0.25
9.50	0.62	0.76	5.00	0.00	0.25	0.25
9.55	0.62	0.76	5.00	0.00	0.25	0.25
9.60	0.62	0.76	5.00	0.00	0.25	0.25
9.65	0.62	0.76	5.00	0.00	0.24	0.24
9.70	0.62	0.76	5.00	0.00	0.24	0.24
9.75	0.62	0.76	5.00	0.00	0.24	0.24
9.80	0.62	0.76	5.00	0.00	0.24	0.24
9.85	0.62	0.76	5.00	0.00	0.24	0.24
9.90	0.62	0.76	5.00	0.00	0.24	0.24
9.95	0.62	0.76	5.00	0.00	0.24	0.24
10.00	0.62	0.76	5.00	0.00	0.23	0.23
10.05	0.62	0.76	5.00	0.00	0.23	0.23
10.10	0.62	0.76	5.00	0.00	0.23	0.23
10.15	0.62	0.76	5.00	0.00	0.23	0.23
10.20	0.62	0.76	5.00	0.00	0.23	0.23
10.25	0.62	0.76	5.00	0.00	0.23	0.23
10.30	0.62	0.76	5.00	0.00	0.22	0.22
10.35	0.62	0.76	5.00	0.00	0.22	0.22
10.40	0.62	0.76	5.00	0.00	0.22	0.22
10.45	0.62	0.76	5.00	0.00	0.22	0.22
10.50	0.62	0.76	5.00	0.00	0.22	0.22
10.55	0.62	0.75	5.00	0.00	0.21	0.21
10.60	0.62	0.75	5.00	0.00	0.21	0.21
10.65	0.62	0.75	5.00	0.00	0.21	0.21
10.70	0.62	0.75	5.00	0.00	0.21	0.21
10.75	0.62	0.75	5.00	0.00	0.21	0.21
10.80	0.62	0.75	5.00	0.00	0.20	0.20
10.85	0.62	0.75	5.00	0.00	0.20	0.20
10.90	0.62	0.75	5.00	0.00	0.20	0.20
10.95	0.62	0.75	5.00	0.00	0.20	0.20
11.00	0.62	0.75	5.00	0.00	0.19	0.19
11.05	0.62	0.75	5.00	0.00	0.19	0.19
11.10	0.62	0.75	5.00	0.00	0.19	0.19
11.15	0.62	0.75	5.00	0.00	0.19	0.19
11.20	0.62	0.75	5.00	0.00	0.19	0.19
11.25	0.62	0.75	5.00	0.00	0.18	0.18
11.30	0.62	0.75	5.00	0.00	0.18	0.18
11.35	0.62	0.75	5.00	0.00	0.18	0.18
11.40	0.62	0.75	5.00	0.00	0.17	0.17
11.45	0.62	0.75	5.00	0.00	0.17	0.17
11.50	0.62	0.75	5.00	0.00	0.17	0.17
11.55	0.62	0.75	5.00	0.00	0.17	0.17
11.60	0.62	0.75	5.00	0.00	0.16	0.16
11.65	0.62	0.75	5.00	0.00	0.16	0.16
11.70	0.62	0.75	5.00	0.00	0.16	0.16
11.75	0.62	0.75	5.00	0.00	0.15	0.15
11.80	0.62	0.75	5.00	0.00	0.15	0.15
11.85	0.62	0.75	5.00	0.00	0.15	0.15
11.90	0.62	0.75	5.00	0.00	0.14	0.14

11.95	0.62	0.75	5.00	0.00	0.14	0.14
12.00	0.62	0.75	5.00	0.00	0.14	0.14
12.05	0.62	0.75	5.00	0.00	0.13	0.13
12.10	0.62	0.75	5.00	0.00	0.13	0.13
12.15	0.62	0.75	5.00	0.00	0.13	0.13
12.20	0.62	0.75	5.00	0.00	0.12	0.12
12.25	0.62	0.75	5.00	0.00	0.12	0.12
12.30	0.62	0.75	5.00	0.00	0.12	0.12
12.35	0.62	0.75	5.00	0.00	0.11	0.11
12.40	0.62	0.75	5.00	0.00	0.11	0.11
12.45	0.62	0.75	5.00	0.00	0.11	0.11
12.50	0.62	0.75	5.00	0.00	0.10	0.10
12.55	0.62	0.75	5.00	0.00	0.10	0.10
12.60	0.62	0.75	5.00	0.00	0.10	0.10
12.65	0.62	0.75	5.00	0.00	0.09	0.09
12.70	0.62	0.75	5.00	0.00	0.09	0.09
12.75	0.62	0.75	5.00	0.00	0.09	0.09
12.80	0.62	0.75	5.00	0.00	0.08	0.08
12.85	0.62	0.75	5.00	0.00	0.08	0.08
12.90	0.62	0.75	5.00	0.00	0.08	0.08
12.95	0.62	0.75	5.00	0.00	0.07	0.07
13.00	0.62	0.75	5.00	0.00	0.07	0.07
13.05	0.62	0.75	5.00	0.00	0.06	0.06
13.10	0.62	0.75	5.00	0.00	0.06	0.06
13.15	0.62	0.75	5.00	0.00	0.06	0.06
13.20	0.62	0.75	5.00	0.00	0.05	0.05
13.25	0.62	0.75	5.00	0.00	0.05	0.05
13.30	0.62	0.75	5.00	0.00	0.05	0.05
13.35	0.62	0.75	5.00	0.00	0.04	0.04
13.40	0.62	0.75	5.00	0.00	0.04	0.04
13.45	0.62	0.75	5.00	0.00	0.04	0.04
13.50	0.62	0.75	5.00	0.00	0.03	0.03
13.55	0.62	0.75	5.00	0.00	0.03	0.03
13.60	0.62	0.75	5.00	0.00	0.03	0.03
13.65	0.62	0.75	5.00	0.00	0.02	0.02
13.70	0.62	0.75	5.00	0.00	0.02	0.02
13.75	0.62	0.75	5.00	0.00	0.02	0.02
13.80	0.62	0.75	5.00	0.00	0.01	0.01
13.85	0.62	0.75	5.00	0.00	0.01	0.01
13.90	0.62	0.75	5.00	0.00	0.01	0.01
13.95	0.62	0.75	5.00	0.00	0.00	0.00
14.00	2.00	0.75	5.00	0.00	0.00	0.00
14.05	2.00	0.75	5.00	0.00	0.00	0.00
14.10	2.00	0.75	5.00	0.00	0.00	0.00
14.15	2.00	0.75	5.00	0.00	0.00	0.00
14.20	2.00	0.75	5.00	0.00	0.00	0.00
14.25	2.00	0.75	5.00	0.00	0.00	0.00
14.30	2.00	0.75	5.00	0.00	0.00	0.00
14.35	2.00	0.75	5.00	0.00	0.00	0.00
14.40	2.00	0.75	5.00	0.00	0.00	0.00
14.45	2.00	0.75	5.00	0.00	0.00	0.00
14.50	2.00	0.75	5.00	0.00	0.00	0.00
14.55	2.00	0.75	5.00	0.00	0.00	0.00
14.60	2.00	0.75	5.00	0.00	0.00	0.00
14.65	2.00	0.75	5.00	0.00	0.00	0.00
14.70	2.00	0.75	5.00	0.00	0.00	0.00
14.75	2.00	0.75	5.00	0.00	0.00	0.00
14.80	2.00	0.75	5.00	0.00	0.00	0.00
14.85	2.00	0.75	5.00	0.00	0.00	0.00
14.90	2.00	0.75	5.00	0.00	0.00	0.00
14.95	2.00	0.75	5.00	0.00	0.00	0.00
15.00	2.00	0.75	5.00	0.00	0.00	0.00
15.05	2.00	0.75	5.00	0.00	0.00	0.00
15.10	2.00	0.75	5.00	0.00	0.00	0.00
15.15	2.00	0.75	5.00	0.00	0.00	0.00
15.20	2.00	0.75	5.00	0.00	0.00	0.00
15.25	2.00	0.75	5.00	0.00	0.00	0.00
15.30	2.00	0.75	5.00	0.00	0.00	0.00
15.35	2.00	0.75	5.00	0.00	0.00	0.00

49.90	2.00	0.79	5.00	0.00	0.00	0.00
49.95	2.00	0.79	5.00	0.00	0.00	0.00
50.00	2.00	0.79	5.00	0.00	0.00	0.00
50.05	2.00	0.79	5.00	0.00	0.00	0.00
50.10	2.00	0.79	5.00	0.00	0.00	0.00
50.15	2.00	0.79	5.00	0.00	0.00	0.00
50.20	2.00	0.79	5.00	0.00	0.00	0.00
50.25	2.00	0.79	5.00	0.00	0.00	0.00
50.30	2.00	0.79	5.00	0.00	0.00	0.00
50.35	2.00	0.79	5.00	0.00	0.00	0.00
50.40	2.00	0.79	5.00	0.00	0.00	0.00
50.45	2.00	0.79	5.00	0.00	0.00	0.00
50.50	2.00	0.79	5.00	0.00	0.00	0.00
50.55	2.00	0.79	5.00	0.00	0.00	0.00
50.60	2.00	0.79	5.00	0.00	0.00	0.00
50.65	2.00	0.79	5.00	0.00	0.00	0.00
50.70	2.00	0.79	5.00	0.00	0.00	0.00
50.75	2.00	0.79	5.00	0.00	0.00	0.00
50.80	2.00	0.79	5.00	0.00	0.00	0.00
50.85	2.00	0.79	5.00	0.00	0.00	0.00
50.90	2.00	0.79	5.00	0.00	0.00	0.00
50.95	2.00	0.79	5.00	0.00	0.00	0.00
51.00	2.00	0.78	5.00	0.00	0.00	0.00
51.05	2.00	0.78	5.00	0.00	0.00	0.00
51.10	2.00	0.78	5.00	0.00	0.00	0.00
51.15	2.00	0.78	5.00	0.00	0.00	0.00
51.20	2.00	0.78	5.00	0.00	0.00	0.00
51.25	2.00	0.78	5.00	0.00	0.00	0.00
51.30	2.00	0.78	5.00	0.00	0.00	0.00
51.35	2.00	0.78	5.00	0.00	0.00	0.00
51.40	2.00	0.78	5.00	0.00	0.00	0.00
51.45	2.00	0.78	5.00	0.00	0.00	0.00
51.50	2.00	0.78	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

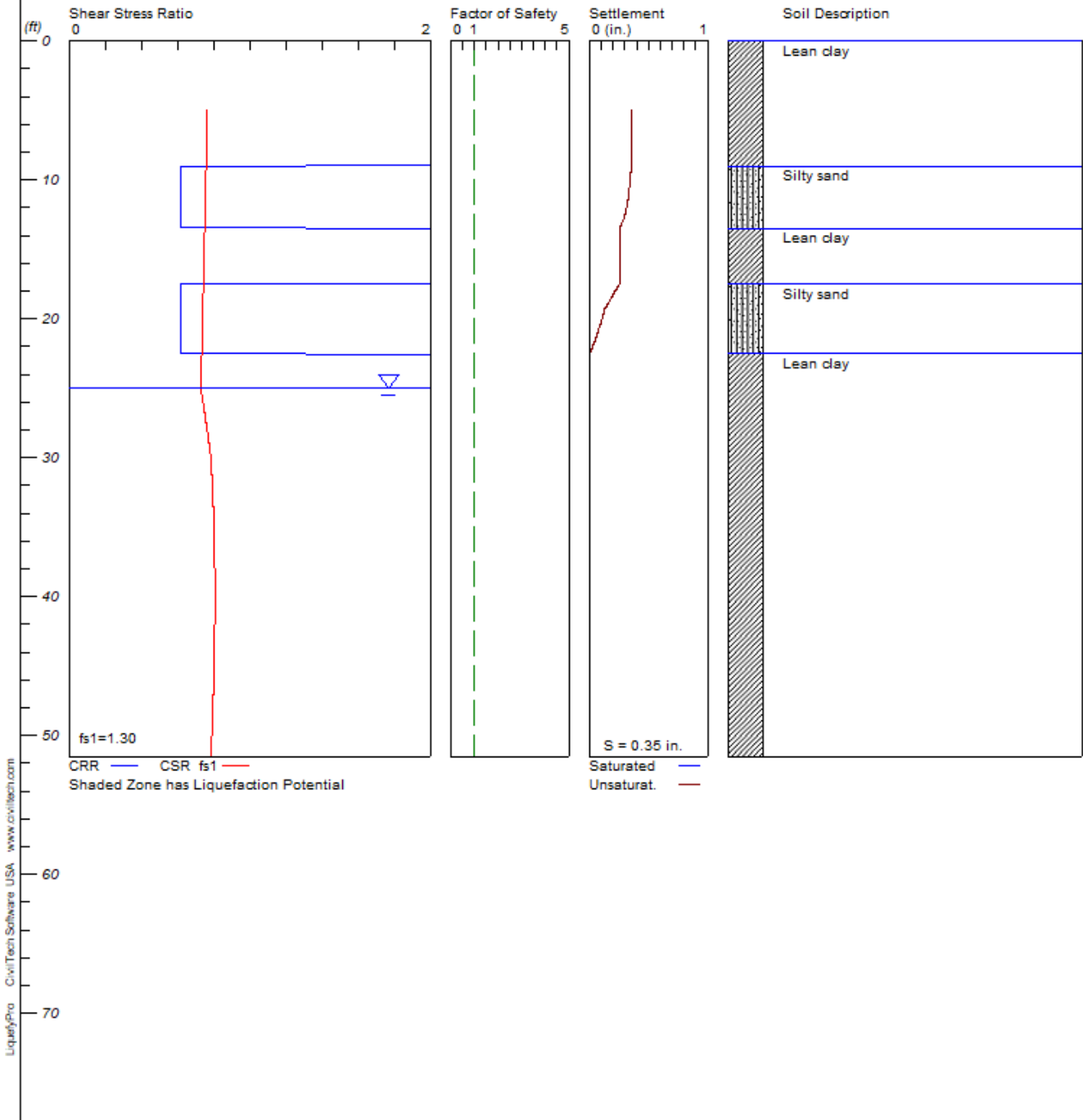
1 atm (atmosphere) = 1 tsf (ton/ft²)
CRRm Cyclic resistance ratio from soils
CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat Settlement from saturated sands
S_dry Settlement from Unsaturated Sands
S_all Total Settlement from Saturated and Unsaturated Sands
NoLiq No-Liquefy Soils

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-17 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LIQUEFACTION ANALYSIS SUMMARY
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Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-17.liq
Title: Irving MS
Subtitle: Boring B-17

Surface Elev.=
Hole No.=B-17
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 20.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-17
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 20.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	37.40	134.70	NoLiq
10.00	55.80	117.40	35.00
15.00	17.00	125.00	NoLiq
20.00	28.00	125.00	35.00
25.00	22.00	125.00	NoLiq
30.00	15.00	125.00	NoLiq
35.00	19.00	125.00	NoLiq
40.00	21.00	125.00	NoLiq
45.00	41.00	125.00	NoLiq
50.00	40.00	125.00	NoLiq

Output Results:

Settlement of Saturated Sands=0.00 in.
Settlement of Unsaturated Sands=0.35 in.
Total Settlement of Saturated and Unsaturated Sands=0.35 in.
Differential Settlement=0.177 to 0.234 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.00	2.00	0.76	5.00	0.00	0.35	0.35

18.85	0.62	0.74	5.00	0.00	0.16	0.16
18.90	0.62	0.74	5.00	0.00	0.16	0.16
18.95	0.62	0.74	5.00	0.00	0.15	0.15
19.00	0.62	0.74	5.00	0.00	0.15	0.15
19.05	0.62	0.74	5.00	0.00	0.15	0.15
19.10	0.62	0.74	5.00	0.00	0.14	0.14
19.15	0.62	0.74	5.00	0.00	0.14	0.14
19.20	0.62	0.74	5.00	0.00	0.14	0.14
19.25	0.62	0.74	5.00	0.00	0.13	0.13
19.30	0.62	0.74	5.00	0.00	0.13	0.13
19.35	0.62	0.74	5.00	0.00	0.13	0.13
19.40	0.62	0.74	5.00	0.00	0.13	0.13
19.45	0.62	0.74	5.00	0.00	0.12	0.12
19.50	0.62	0.74	5.00	0.00	0.12	0.12
19.55	0.62	0.74	5.00	0.00	0.12	0.12
19.60	0.62	0.74	5.00	0.00	0.12	0.12
19.65	0.62	0.74	5.00	0.00	0.12	0.12
19.70	0.62	0.74	5.00	0.00	0.11	0.11
19.75	0.62	0.74	5.00	0.00	0.11	0.11
19.80	0.62	0.74	5.00	0.00	0.11	0.11
19.85	0.62	0.74	5.00	0.00	0.11	0.11
19.90	0.62	0.74	5.00	0.00	0.11	0.11
19.95	0.62	0.74	5.00	0.00	0.11	0.11
20.00	0.62	0.74	5.00	0.00	0.10	0.10
20.05	0.62	0.74	5.00	0.00	0.10	0.10
20.10	0.62	0.74	5.00	0.00	0.10	0.10
20.15	0.62	0.74	5.00	0.00	0.10	0.10
20.20	0.62	0.74	5.00	0.00	0.10	0.10
20.25	0.62	0.74	5.00	0.00	0.10	0.10
20.30	0.62	0.74	5.00	0.00	0.09	0.09
20.35	0.62	0.74	5.00	0.00	0.09	0.09
20.40	0.62	0.74	5.00	0.00	0.09	0.09
20.45	0.62	0.74	5.00	0.00	0.09	0.09
20.50	0.62	0.74	5.00	0.00	0.09	0.09
20.55	0.62	0.74	5.00	0.00	0.08	0.08
20.60	0.62	0.74	5.00	0.00	0.08	0.08
20.65	0.62	0.74	5.00	0.00	0.08	0.08
20.70	0.62	0.74	5.00	0.00	0.08	0.08
20.75	0.62	0.74	5.00	0.00	0.08	0.08
20.80	0.62	0.74	5.00	0.00	0.08	0.08
20.85	0.62	0.74	5.00	0.00	0.07	0.07
20.90	0.62	0.74	5.00	0.00	0.07	0.07
20.95	0.62	0.74	5.00	0.00	0.07	0.07
21.00	0.62	0.74	5.00	0.00	0.07	0.07
21.05	0.62	0.74	5.00	0.00	0.07	0.07
21.10	0.62	0.74	5.00	0.00	0.06	0.06
21.15	0.62	0.74	5.00	0.00	0.06	0.06
21.20	0.62	0.74	5.00	0.00	0.06	0.06
21.25	0.62	0.74	5.00	0.00	0.06	0.06
21.30	0.62	0.74	5.00	0.00	0.06	0.06
21.35	0.62	0.74	5.00	0.00	0.05	0.05
21.40	0.62	0.74	5.00	0.00	0.05	0.05
21.45	0.62	0.74	5.00	0.00	0.05	0.05
21.50	0.62	0.74	5.00	0.00	0.05	0.05
21.55	0.62	0.74	5.00	0.00	0.05	0.05
21.60	0.62	0.74	5.00	0.00	0.04	0.04
21.65	0.62	0.73	5.00	0.00	0.04	0.04
21.70	0.62	0.73	5.00	0.00	0.04	0.04
21.75	0.62	0.73	5.00	0.00	0.04	0.04
21.80	0.62	0.73	5.00	0.00	0.03	0.03
21.85	0.62	0.73	5.00	0.00	0.03	0.03
21.90	0.62	0.73	5.00	0.00	0.03	0.03
21.95	0.62	0.73	5.00	0.00	0.03	0.03
22.00	0.62	0.73	5.00	0.00	0.03	0.03
22.05	0.62	0.73	5.00	0.00	0.02	0.02
22.10	0.62	0.73	5.00	0.00	0.02	0.02
22.15	0.62	0.73	5.00	0.00	0.02	0.02
22.20	0.62	0.73	5.00	0.00	0.02	0.02
22.25	0.62	0.73	5.00	0.00	0.01	0.01

49.90	2.00	0.79	5.00	0.00	0.00	0.00
49.95	2.00	0.79	5.00	0.00	0.00	0.00
50.00	2.00	0.79	5.00	0.00	0.00	0.00
50.05	2.00	0.79	5.00	0.00	0.00	0.00
50.10	2.00	0.79	5.00	0.00	0.00	0.00
50.15	2.00	0.79	5.00	0.00	0.00	0.00
50.20	2.00	0.79	5.00	0.00	0.00	0.00
50.25	2.00	0.79	5.00	0.00	0.00	0.00
50.30	2.00	0.79	5.00	0.00	0.00	0.00
50.35	2.00	0.79	5.00	0.00	0.00	0.00
50.40	2.00	0.79	5.00	0.00	0.00	0.00
50.45	2.00	0.79	5.00	0.00	0.00	0.00
50.50	2.00	0.79	5.00	0.00	0.00	0.00
50.55	2.00	0.79	5.00	0.00	0.00	0.00
50.60	2.00	0.79	5.00	0.00	0.00	0.00
50.65	2.00	0.79	5.00	0.00	0.00	0.00
50.70	2.00	0.79	5.00	0.00	0.00	0.00
50.75	2.00	0.79	5.00	0.00	0.00	0.00
50.80	2.00	0.79	5.00	0.00	0.00	0.00
50.85	2.00	0.79	5.00	0.00	0.00	0.00
50.90	2.00	0.79	5.00	0.00	0.00	0.00
50.95	2.00	0.79	5.00	0.00	0.00	0.00
51.00	2.00	0.79	5.00	0.00	0.00	0.00
51.05	2.00	0.79	5.00	0.00	0.00	0.00
51.10	2.00	0.79	5.00	0.00	0.00	0.00
51.15	2.00	0.79	5.00	0.00	0.00	0.00
51.20	2.00	0.79	5.00	0.00	0.00	0.00
51.25	2.00	0.79	5.00	0.00	0.00	0.00
51.30	2.00	0.78	5.00	0.00	0.00	0.00
51.35	2.00	0.78	5.00	0.00	0.00	0.00
51.40	2.00	0.78	5.00	0.00	0.00	0.00
51.45	2.00	0.78	5.00	0.00	0.00	0.00
51.50	2.00	0.78	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

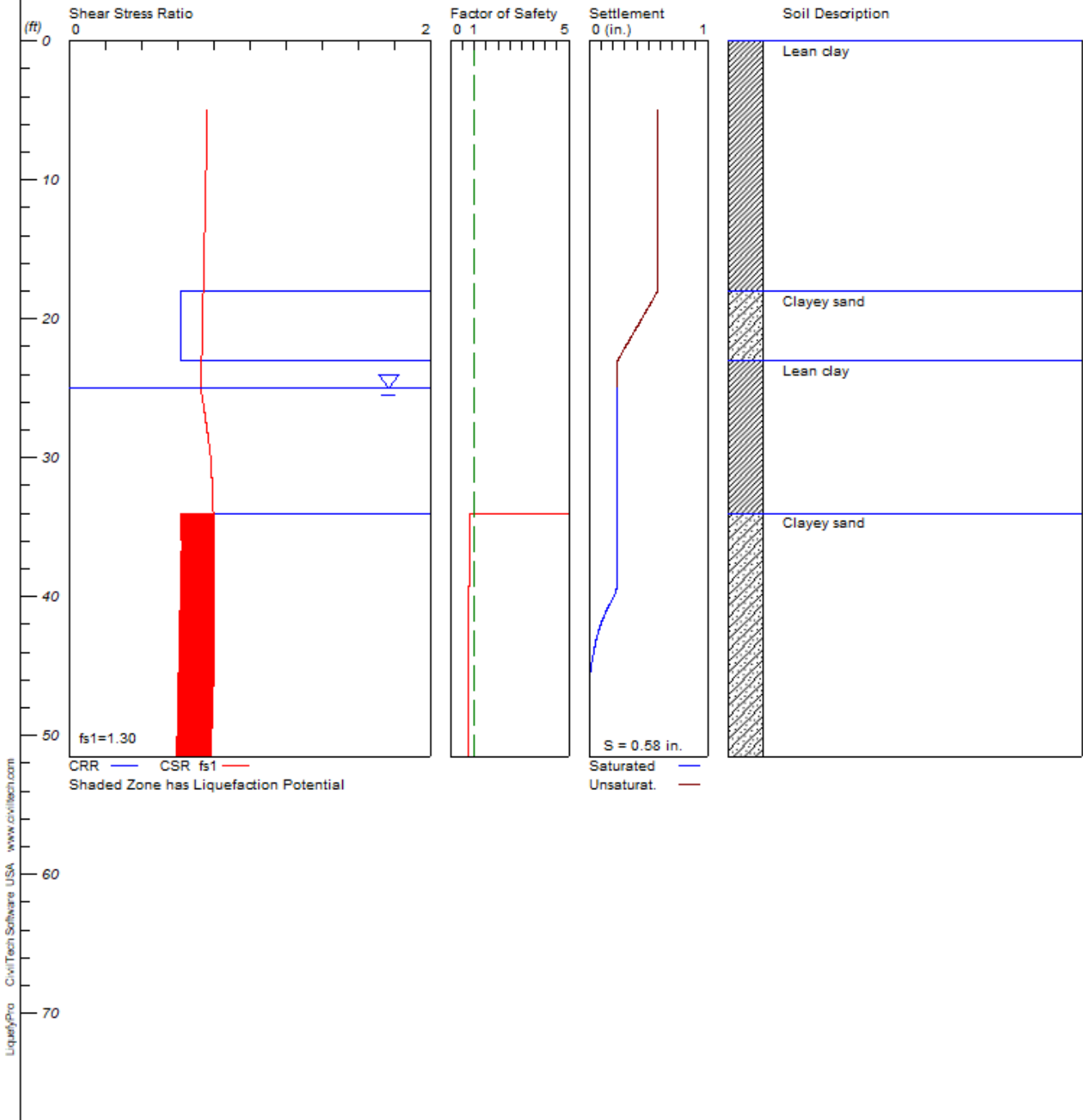
1 atm (atmosphere) = 1 tsf (ton/ft²)
CRRm Cyclic resistance ratio from soils
CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat Settlement from saturated sands
S_dry Settlement from Unsaturated Sands
S_all Total Settlement from Saturated and Unsaturated Sands
NoLiq No-Liquefy Soils

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-21 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LIQUEFACTION ANALYSIS SUMMARY
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Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-21.liq
Title: Irving MS
Subtitle: Boring B-21

Surface Elev.=
Hole No.=B-21
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 15.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-21
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 15.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	16.20	130.10	NoLiq
10.00	24.60	131.70	NoLiq
15.00	18.00	125.00	NoLiq
20.00	28.00	125.00	35.50
25.00	21.00	125.00	NoLiq
30.00	30.00	125.00	NoLiq
35.00	34.00	125.00	35.90
40.00	19.00	125.00	35.90
45.00	22.00	125.00	35.90
50.00	33.00	125.00	35.90

Output Results:

Settlement of Saturated Sands=0.24 in.
Settlement of Unsaturated Sands=0.34 in.
Total Settlement of Saturated and Unsaturated Sands=0.58 in.
Differential Settlement=0.289 to 0.381 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.00	2.00	0.76	5.00	0.24	0.34	0.58

18.85	0.62	0.74	5.00	0.24	0.28	0.52
18.90	0.62	0.74	5.00	0.24	0.28	0.52
18.95	0.62	0.74	5.00	0.24	0.28	0.51
19.00	0.62	0.74	5.00	0.24	0.27	0.51
19.05	0.62	0.74	5.00	0.24	0.27	0.51
19.10	0.62	0.74	5.00	0.24	0.27	0.50
19.15	0.62	0.74	5.00	0.24	0.26	0.50
19.20	0.62	0.74	5.00	0.24	0.26	0.50
19.25	0.62	0.74	5.00	0.24	0.26	0.49
19.30	0.62	0.74	5.00	0.24	0.25	0.49
19.35	0.62	0.74	5.00	0.24	0.25	0.49
19.40	0.62	0.74	5.00	0.24	0.25	0.48
19.45	0.62	0.74	5.00	0.24	0.24	0.48
19.50	0.62	0.74	5.00	0.24	0.24	0.48
19.55	0.62	0.74	5.00	0.24	0.24	0.47
19.60	0.62	0.74	5.00	0.24	0.23	0.47
19.65	0.62	0.74	5.00	0.24	0.23	0.47
19.70	0.62	0.74	5.00	0.24	0.23	0.46
19.75	0.62	0.74	5.00	0.24	0.22	0.46
19.80	0.62	0.74	5.00	0.24	0.22	0.46
19.85	0.62	0.74	5.00	0.24	0.22	0.45
19.90	0.62	0.74	5.00	0.24	0.21	0.45
19.95	0.62	0.74	5.00	0.24	0.21	0.44
20.00	0.62	0.74	5.00	0.24	0.21	0.44
20.05	0.62	0.74	5.00	0.24	0.20	0.44
20.10	0.62	0.74	5.00	0.24	0.20	0.43
20.15	0.62	0.74	5.00	0.24	0.19	0.43
20.20	0.62	0.74	5.00	0.24	0.19	0.43
20.25	0.62	0.74	5.00	0.24	0.19	0.42
20.30	0.62	0.74	5.00	0.24	0.18	0.42
20.35	0.62	0.74	5.00	0.24	0.18	0.42
20.40	0.62	0.74	5.00	0.24	0.18	0.41
20.45	0.62	0.74	5.00	0.24	0.17	0.41
20.50	0.62	0.74	5.00	0.24	0.17	0.41
20.55	0.62	0.74	5.00	0.24	0.17	0.40
20.60	0.62	0.74	5.00	0.24	0.16	0.40
20.65	0.62	0.74	5.00	0.24	0.16	0.40
20.70	0.62	0.74	5.00	0.24	0.16	0.39
20.75	0.62	0.74	5.00	0.24	0.15	0.39
20.80	0.62	0.74	5.00	0.24	0.15	0.39
20.85	0.62	0.74	5.00	0.24	0.15	0.38
20.90	0.62	0.74	5.00	0.24	0.14	0.38
20.95	0.62	0.74	5.00	0.24	0.14	0.38
21.00	0.62	0.74	5.00	0.24	0.14	0.37
21.05	0.62	0.74	5.00	0.24	0.13	0.37
21.10	0.62	0.74	5.00	0.24	0.13	0.37
21.15	0.62	0.74	5.00	0.24	0.13	0.36
21.20	0.62	0.74	5.00	0.24	0.12	0.36
21.25	0.62	0.74	5.00	0.24	0.12	0.36
21.30	0.62	0.74	5.00	0.24	0.12	0.35
21.35	0.62	0.74	5.00	0.24	0.11	0.35
21.40	0.62	0.74	5.00	0.24	0.11	0.35
21.45	0.62	0.74	5.00	0.24	0.11	0.34
21.50	0.62	0.74	5.00	0.24	0.10	0.34
21.55	0.62	0.74	5.00	0.24	0.10	0.34
21.60	0.62	0.74	5.00	0.24	0.10	0.33
21.65	0.62	0.73	5.00	0.24	0.09	0.33
21.70	0.62	0.73	5.00	0.24	0.09	0.33
21.75	0.62	0.73	5.00	0.24	0.09	0.32
21.80	0.62	0.73	5.00	0.24	0.08	0.32
21.85	0.62	0.73	5.00	0.24	0.08	0.32
21.90	0.62	0.73	5.00	0.24	0.08	0.31
21.95	0.62	0.73	5.00	0.24	0.07	0.31
22.00	0.62	0.73	5.00	0.24	0.07	0.30
22.05	0.62	0.73	5.00	0.24	0.07	0.30
22.10	0.62	0.73	5.00	0.24	0.06	0.30
22.15	0.62	0.73	5.00	0.24	0.06	0.29
22.20	0.62	0.73	5.00	0.24	0.05	0.29
22.25	0.62	0.73	5.00	0.24	0.05	0.29

39.55	0.62	0.80	0.77*	0.22	0.00	0.22
39.60	0.62	0.80	0.77*	0.22	0.00	0.22
39.65	0.62	0.80	0.76*	0.22	0.00	0.22
39.70	0.62	0.80	0.76*	0.22	0.00	0.22
39.75	0.62	0.80	0.76*	0.22	0.00	0.22
39.80	0.62	0.80	0.76*	0.22	0.00	0.22
39.85	0.62	0.80	0.76*	0.21	0.00	0.21
39.90	0.62	0.80	0.76*	0.21	0.00	0.21
39.95	0.62	0.80	0.76*	0.21	0.00	0.21
40.00	0.61	0.80	0.76*	0.21	0.00	0.21
40.05	0.61	0.80	0.76*	0.20	0.00	0.20
40.10	0.61	0.80	0.76*	0.20	0.00	0.20
40.15	0.61	0.80	0.76*	0.20	0.00	0.20
40.20	0.61	0.80	0.76*	0.19	0.00	0.19
40.25	0.61	0.80	0.76*	0.19	0.00	0.19
40.30	0.61	0.80	0.76*	0.19	0.00	0.19
40.35	0.61	0.80	0.76*	0.18	0.00	0.18
40.40	0.61	0.80	0.76*	0.18	0.00	0.18
40.45	0.61	0.80	0.76*	0.18	0.00	0.18
40.50	0.61	0.80	0.76*	0.17	0.00	0.17
40.55	0.61	0.80	0.76*	0.17	0.00	0.17
40.60	0.61	0.80	0.76*	0.17	0.00	0.17
40.65	0.61	0.80	0.76*	0.16	0.00	0.16
40.70	0.61	0.80	0.76*	0.16	0.00	0.16
40.75	0.61	0.80	0.76*	0.16	0.00	0.16
40.80	0.61	0.80	0.76*	0.15	0.00	0.15
40.85	0.61	0.80	0.76*	0.15	0.00	0.15
40.90	0.61	0.80	0.76*	0.15	0.00	0.15
40.95	0.61	0.80	0.76*	0.15	0.00	0.15
41.00	0.61	0.80	0.76*	0.14	0.00	0.14
41.05	0.61	0.80	0.76*	0.14	0.00	0.14
41.10	0.61	0.80	0.76*	0.14	0.00	0.14
41.15	0.61	0.80	0.76*	0.14	0.00	0.14
41.20	0.61	0.80	0.76*	0.13	0.00	0.13
41.25	0.61	0.80	0.76*	0.13	0.00	0.13
41.30	0.61	0.80	0.76*	0.13	0.00	0.13
41.35	0.61	0.80	0.76*	0.12	0.00	0.12
41.40	0.61	0.80	0.76*	0.12	0.00	0.12
41.45	0.61	0.80	0.76*	0.12	0.00	0.12
41.50	0.61	0.80	0.76*	0.12	0.00	0.12
41.55	0.61	0.80	0.76*	0.11	0.00	0.11
41.60	0.61	0.80	0.76*	0.11	0.00	0.11
41.65	0.61	0.80	0.76*	0.11	0.00	0.11
41.70	0.61	0.80	0.76*	0.11	0.00	0.11
41.75	0.61	0.80	0.76*	0.11	0.00	0.11
41.80	0.61	0.80	0.76*	0.10	0.00	0.10
41.85	0.61	0.80	0.76*	0.10	0.00	0.10
41.90	0.61	0.80	0.76*	0.10	0.00	0.10
41.95	0.61	0.80	0.76*	0.10	0.00	0.10
42.00	0.61	0.80	0.76*	0.09	0.00	0.09
42.05	0.61	0.80	0.76*	0.09	0.00	0.09
42.10	0.61	0.80	0.76*	0.09	0.00	0.09
42.15	0.61	0.80	0.76*	0.09	0.00	0.09
42.20	0.61	0.80	0.76*	0.09	0.00	0.09
42.25	0.61	0.80	0.76*	0.08	0.00	0.08
42.30	0.61	0.80	0.76*	0.08	0.00	0.08
42.35	0.61	0.80	0.76*	0.08	0.00	0.08
42.40	0.61	0.80	0.76*	0.08	0.00	0.08
42.45	0.61	0.80	0.76*	0.08	0.00	0.08
42.50	0.61	0.80	0.76*	0.07	0.00	0.07
42.55	0.61	0.80	0.76*	0.07	0.00	0.07
42.60	0.61	0.80	0.76*	0.07	0.00	0.07
42.65	0.61	0.80	0.76*	0.07	0.00	0.07
42.70	0.61	0.80	0.76*	0.07	0.00	0.07
42.75	0.61	0.80	0.76*	0.07	0.00	0.07
42.80	0.61	0.80	0.76*	0.06	0.00	0.06
42.85	0.61	0.80	0.76*	0.06	0.00	0.06
42.90	0.61	0.80	0.76*	0.06	0.00	0.06
42.95	0.61	0.80	0.76*	0.06	0.00	0.06

49.90	0.60	0.79	0.76*	0.00	0.00	0.00
49.95	0.60	0.79	0.76*	0.00	0.00	0.00
50.00	0.60	0.79	0.76*	0.00	0.00	0.00
50.05	0.60	0.79	0.76*	0.00	0.00	0.00
50.10	0.60	0.79	0.76*	0.00	0.00	0.00
50.15	0.60	0.79	0.76*	0.00	0.00	0.00
50.20	0.60	0.79	0.76*	0.00	0.00	0.00
50.25	0.60	0.79	0.76*	0.00	0.00	0.00
50.30	0.60	0.79	0.76*	0.00	0.00	0.00
50.35	0.60	0.79	0.76*	0.00	0.00	0.00
50.40	0.60	0.79	0.76*	0.00	0.00	0.00
50.45	0.60	0.79	0.76*	0.00	0.00	0.00
50.50	0.60	0.79	0.76*	0.00	0.00	0.00
50.55	0.60	0.79	0.76*	0.00	0.00	0.00
50.60	0.60	0.79	0.76*	0.00	0.00	0.00
50.65	0.60	0.79	0.76*	0.00	0.00	0.00
50.70	0.60	0.79	0.76*	0.00	0.00	0.00
50.75	0.60	0.79	0.76*	0.00	0.00	0.00
50.80	0.60	0.79	0.76*	0.00	0.00	0.00
50.85	0.60	0.79	0.76*	0.00	0.00	0.00
50.90	0.60	0.78	0.76*	0.00	0.00	0.00
50.95	0.60	0.78	0.76*	0.00	0.00	0.00
51.00	0.60	0.78	0.76*	0.00	0.00	0.00
51.05	0.60	0.78	0.76*	0.00	0.00	0.00
51.10	0.60	0.78	0.76*	0.00	0.00	0.00
51.15	0.59	0.78	0.76*	0.00	0.00	0.00
51.20	0.59	0.78	0.76*	0.00	0.00	0.00
51.25	0.59	0.78	0.76*	0.00	0.00	0.00
51.30	0.59	0.78	0.76*	0.00	0.00	0.00
51.35	0.59	0.78	0.76*	0.00	0.00	0.00
51.40	0.59	0.78	0.76*	0.00	0.00	0.00
51.45	0.59	0.78	0.76*	0.00	0.00	0.00
51.50	0.59	0.78	0.76*	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

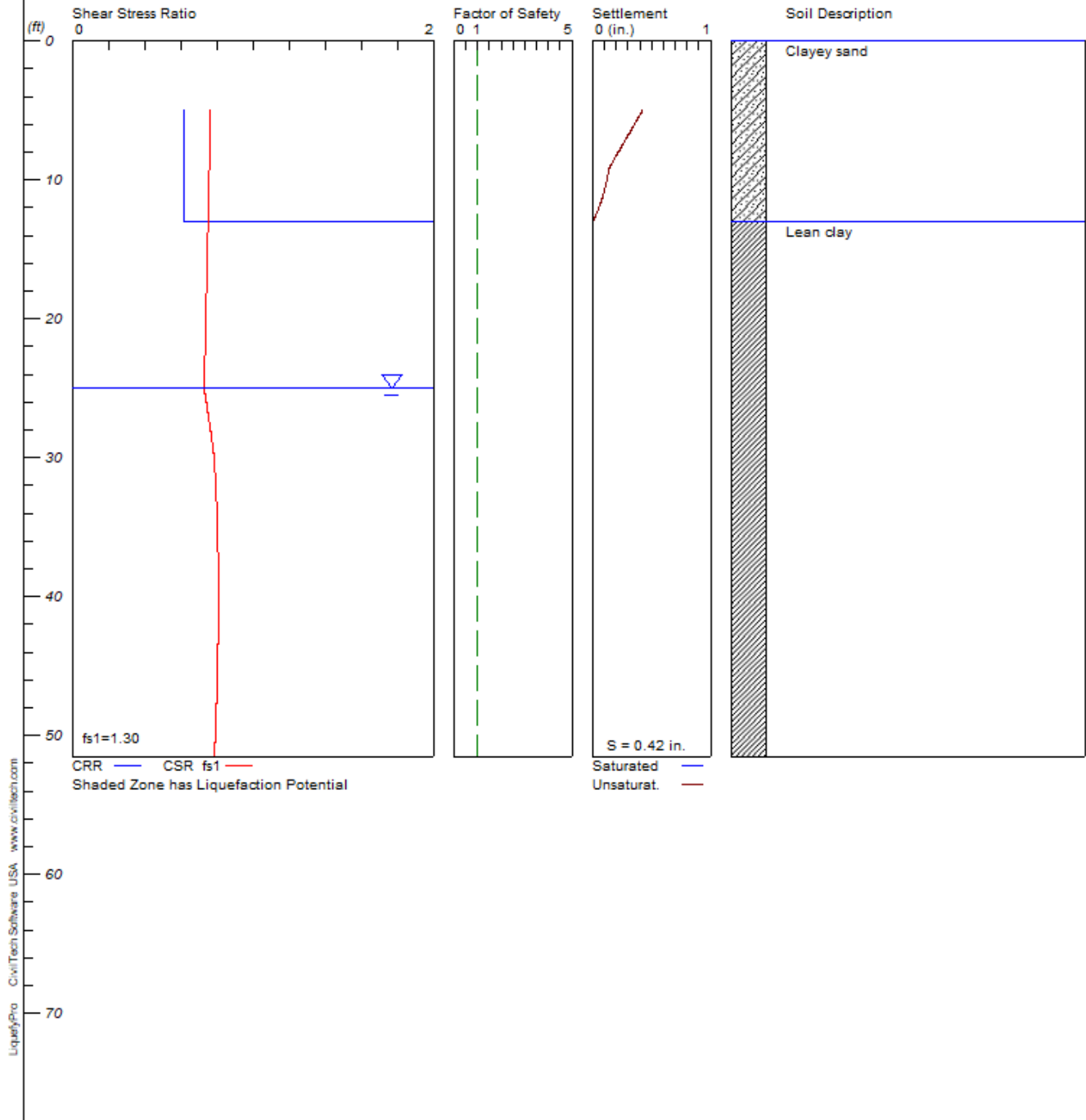
1 atm (atmosphere) = 1 tsf (ton/ft²)
CRRm Cyclic resistance ratio from soils
CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat Settlement from saturated sands
S_dry Settlement from Unsaturated Sands
S_all Total Settlement from Saturated and Unsaturated Sands
NoLiq No-Liquefy Soils

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-22 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LIQUEFACTION ANALYSIS SUMMARY
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Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-22.liq
Title: Irving MS
Subtitle: Boring B-22

Surface Elev.=
Hole No.=B-22
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 20.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-22
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 20.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	16.00	125.00	35.00
8.00	25.00	125.00	35.00
15.00	28.00	125.00	NoLiq
20.00	31.00	125.00	NoLiq
25.00	39.00	125.00	NoLiq
30.00	29.00	125.00	NoLiq
35.00	62.00	125.00	NoLiq
40.00	32.00	125.00	NoLiq
45.00	30.00	125.00	NoLiq
50.00	56.00	125.00	NoLiq

Output Results:

Settlement of Saturated Sands=0.00 in.
Settlement of Unsaturated Sands=0.42 in.
Total Settlement of Saturated and Unsaturated Sands=0.42 in.
Differential Settlement=0.211 to 0.278 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.00	0.62	0.76	5.00	0.00	0.42	0.42

5.05	0.62	0.76	5.00	0.00	0.42	0.42
5.10	0.62	0.76	5.00	0.00	0.42	0.42
5.15	0.62	0.76	5.00	0.00	0.41	0.41
5.20	0.62	0.76	5.00	0.00	0.41	0.41
5.25	0.62	0.76	5.00	0.00	0.40	0.40
5.30	0.62	0.76	5.00	0.00	0.40	0.40
5.35	0.62	0.76	5.00	0.00	0.40	0.40
5.40	0.62	0.76	5.00	0.00	0.39	0.39
5.45	0.62	0.76	5.00	0.00	0.39	0.39
5.50	0.62	0.76	5.00	0.00	0.39	0.39
5.55	0.62	0.76	5.00	0.00	0.38	0.38
5.60	0.62	0.76	5.00	0.00	0.38	0.38
5.65	0.62	0.76	5.00	0.00	0.38	0.38
5.70	0.62	0.76	5.00	0.00	0.37	0.37
5.75	0.62	0.76	5.00	0.00	0.37	0.37
5.80	0.62	0.76	5.00	0.00	0.37	0.37
5.85	0.62	0.76	5.00	0.00	0.36	0.36
5.90	0.62	0.76	5.00	0.00	0.36	0.36
5.95	0.62	0.76	5.00	0.00	0.36	0.36
6.00	0.62	0.76	5.00	0.00	0.35	0.35
6.05	0.62	0.76	5.00	0.00	0.35	0.35
6.10	0.62	0.76	5.00	0.00	0.35	0.35
6.15	0.62	0.76	5.00	0.00	0.34	0.34
6.20	0.62	0.76	5.00	0.00	0.34	0.34
6.25	0.62	0.76	5.00	0.00	0.34	0.34
6.30	0.62	0.76	5.00	0.00	0.33	0.33
6.35	0.62	0.76	5.00	0.00	0.33	0.33
6.40	0.62	0.76	5.00	0.00	0.33	0.33
6.45	0.62	0.76	5.00	0.00	0.32	0.32
6.50	0.62	0.76	5.00	0.00	0.32	0.32
6.55	0.62	0.76	5.00	0.00	0.32	0.32
6.60	0.62	0.76	5.00	0.00	0.31	0.31
6.65	0.62	0.76	5.00	0.00	0.31	0.31
6.70	0.62	0.76	5.00	0.00	0.31	0.31
6.75	0.62	0.76	5.00	0.00	0.30	0.30
6.80	0.62	0.76	5.00	0.00	0.30	0.30
6.85	0.62	0.76	5.00	0.00	0.30	0.30
6.90	0.62	0.76	5.00	0.00	0.29	0.29
6.95	0.62	0.76	5.00	0.00	0.29	0.29
7.00	0.62	0.76	5.00	0.00	0.29	0.29
7.05	0.62	0.76	5.00	0.00	0.28	0.28
7.10	0.62	0.76	5.00	0.00	0.28	0.28
7.15	0.62	0.76	5.00	0.00	0.28	0.28
7.20	0.62	0.76	5.00	0.00	0.27	0.27
7.25	0.62	0.76	5.00	0.00	0.27	0.27
7.30	0.62	0.76	5.00	0.00	0.26	0.26
7.35	0.62	0.76	5.00	0.00	0.26	0.26
7.40	0.62	0.76	5.00	0.00	0.26	0.26
7.45	0.62	0.76	5.00	0.00	0.25	0.25
7.50	0.62	0.76	5.00	0.00	0.25	0.25
7.55	0.62	0.76	5.00	0.00	0.25	0.25
7.60	0.62	0.76	5.00	0.00	0.24	0.24
7.65	0.62	0.76	5.00	0.00	0.24	0.24
7.70	0.62	0.76	5.00	0.00	0.24	0.24
7.75	0.62	0.76	5.00	0.00	0.23	0.23
7.80	0.62	0.76	5.00	0.00	0.23	0.23
7.85	0.62	0.76	5.00	0.00	0.23	0.23
7.90	0.62	0.76	5.00	0.00	0.22	0.22
7.95	0.62	0.76	5.00	0.00	0.22	0.22
8.00	0.62	0.76	5.00	0.00	0.22	0.22
8.05	0.62	0.76	5.00	0.00	0.21	0.21
8.10	0.62	0.76	5.00	0.00	0.21	0.21
8.15	0.62	0.76	5.00	0.00	0.21	0.21
8.20	0.62	0.76	5.00	0.00	0.20	0.20
8.25	0.62	0.76	5.00	0.00	0.20	0.20
8.30	0.62	0.76	5.00	0.00	0.20	0.20
8.35	0.62	0.76	5.00	0.00	0.19	0.19
8.40	0.62	0.76	5.00	0.00	0.19	0.19
8.45	0.62	0.76	5.00	0.00	0.19	0.19

8.50	0.62	0.76	5.00	0.00	0.18	0.18
8.55	0.62	0.76	5.00	0.00	0.18	0.18
8.60	0.62	0.76	5.00	0.00	0.18	0.18
8.65	0.62	0.76	5.00	0.00	0.17	0.17
8.70	0.62	0.76	5.00	0.00	0.17	0.17
8.75	0.62	0.76	5.00	0.00	0.17	0.17
8.80	0.62	0.76	5.00	0.00	0.16	0.16
8.85	0.62	0.76	5.00	0.00	0.16	0.16
8.90	0.62	0.76	5.00	0.00	0.16	0.16
8.95	0.62	0.76	5.00	0.00	0.15	0.15
9.00	0.62	0.76	5.00	0.00	0.15	0.15
9.05	0.62	0.76	5.00	0.00	0.15	0.15
9.10	0.62	0.76	5.00	0.00	0.14	0.14
9.15	0.62	0.76	5.00	0.00	0.14	0.14
9.20	0.62	0.76	5.00	0.00	0.14	0.14
9.25	0.62	0.76	5.00	0.00	0.14	0.14
9.30	0.62	0.76	5.00	0.00	0.14	0.14
9.35	0.62	0.76	5.00	0.00	0.13	0.13
9.40	0.62	0.76	5.00	0.00	0.13	0.13
9.45	0.62	0.76	5.00	0.00	0.13	0.13
9.50	0.62	0.76	5.00	0.00	0.13	0.13
9.55	0.62	0.76	5.00	0.00	0.13	0.13
9.60	0.62	0.76	5.00	0.00	0.13	0.13
9.65	0.62	0.76	5.00	0.00	0.13	0.13
9.70	0.62	0.76	5.00	0.00	0.13	0.13
9.75	0.62	0.76	5.00	0.00	0.13	0.13
9.80	0.62	0.76	5.00	0.00	0.12	0.12
9.85	0.62	0.76	5.00	0.00	0.12	0.12
9.90	0.62	0.76	5.00	0.00	0.12	0.12
9.95	0.62	0.76	5.00	0.00	0.12	0.12
10.00	0.62	0.76	5.00	0.00	0.12	0.12
10.05	0.62	0.76	5.00	0.00	0.12	0.12
10.10	0.62	0.76	5.00	0.00	0.12	0.12
10.15	0.62	0.76	5.00	0.00	0.12	0.12
10.20	0.62	0.76	5.00	0.00	0.11	0.11
10.25	0.62	0.76	5.00	0.00	0.11	0.11
10.30	0.62	0.76	5.00	0.00	0.11	0.11
10.35	0.62	0.76	5.00	0.00	0.11	0.11
10.40	0.62	0.76	5.00	0.00	0.11	0.11
10.45	0.62	0.76	5.00	0.00	0.11	0.11
10.50	0.62	0.76	5.00	0.00	0.11	0.11
10.55	0.62	0.75	5.00	0.00	0.11	0.11
10.60	0.62	0.75	5.00	0.00	0.10	0.10
10.65	0.62	0.75	5.00	0.00	0.10	0.10
10.70	0.62	0.75	5.00	0.00	0.10	0.10
10.75	0.62	0.75	5.00	0.00	0.10	0.10
10.80	0.62	0.75	5.00	0.00	0.10	0.10
10.85	0.62	0.75	5.00	0.00	0.10	0.10
10.90	0.62	0.75	5.00	0.00	0.09	0.09
10.95	0.62	0.75	5.00	0.00	0.09	0.09
11.00	0.62	0.75	5.00	0.00	0.09	0.09
11.05	0.62	0.75	5.00	0.00	0.09	0.09
11.10	0.62	0.75	5.00	0.00	0.09	0.09
11.15	0.62	0.75	5.00	0.00	0.09	0.09
11.20	0.62	0.75	5.00	0.00	0.08	0.08
11.25	0.62	0.75	5.00	0.00	0.08	0.08
11.30	0.62	0.75	5.00	0.00	0.08	0.08
11.35	0.62	0.75	5.00	0.00	0.08	0.08
11.40	0.62	0.75	5.00	0.00	0.08	0.08
11.45	0.62	0.75	5.00	0.00	0.08	0.08
11.50	0.62	0.75	5.00	0.00	0.07	0.07
11.55	0.62	0.75	5.00	0.00	0.07	0.07
11.60	0.62	0.75	5.00	0.00	0.07	0.07
11.65	0.62	0.75	5.00	0.00	0.07	0.07
11.70	0.62	0.75	5.00	0.00	0.07	0.07
11.75	0.62	0.75	5.00	0.00	0.06	0.06
11.80	0.62	0.75	5.00	0.00	0.06	0.06
11.85	0.62	0.75	5.00	0.00	0.06	0.06
11.90	0.62	0.75	5.00	0.00	0.06	0.06

49.90	2.00	0.79	5.00	0.00	0.00	0.00
49.95	2.00	0.79	5.00	0.00	0.00	0.00
50.00	2.00	0.79	5.00	0.00	0.00	0.00
50.05	2.00	0.79	5.00	0.00	0.00	0.00
50.10	2.00	0.79	5.00	0.00	0.00	0.00
50.15	2.00	0.79	5.00	0.00	0.00	0.00
50.20	2.00	0.79	5.00	0.00	0.00	0.00
50.25	2.00	0.79	5.00	0.00	0.00	0.00
50.30	2.00	0.79	5.00	0.00	0.00	0.00
50.35	2.00	0.79	5.00	0.00	0.00	0.00
50.40	2.00	0.79	5.00	0.00	0.00	0.00
50.45	2.00	0.79	5.00	0.00	0.00	0.00
50.50	2.00	0.79	5.00	0.00	0.00	0.00
50.55	2.00	0.79	5.00	0.00	0.00	0.00
50.60	2.00	0.79	5.00	0.00	0.00	0.00
50.65	2.00	0.79	5.00	0.00	0.00	0.00
50.70	2.00	0.79	5.00	0.00	0.00	0.00
50.75	2.00	0.79	5.00	0.00	0.00	0.00
50.80	2.00	0.79	5.00	0.00	0.00	0.00
50.85	2.00	0.79	5.00	0.00	0.00	0.00
50.90	2.00	0.79	5.00	0.00	0.00	0.00
50.95	2.00	0.79	5.00	0.00	0.00	0.00
51.00	2.00	0.79	5.00	0.00	0.00	0.00
51.05	2.00	0.79	5.00	0.00	0.00	0.00
51.10	2.00	0.79	5.00	0.00	0.00	0.00
51.15	2.00	0.79	5.00	0.00	0.00	0.00
51.20	2.00	0.79	5.00	0.00	0.00	0.00
51.25	2.00	0.79	5.00	0.00	0.00	0.00
51.30	2.00	0.79	5.00	0.00	0.00	0.00
51.35	2.00	0.79	5.00	0.00	0.00	0.00
51.40	2.00	0.79	5.00	0.00	0.00	0.00
51.45	2.00	0.79	5.00	0.00	0.00	0.00
51.50	2.00	0.79	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

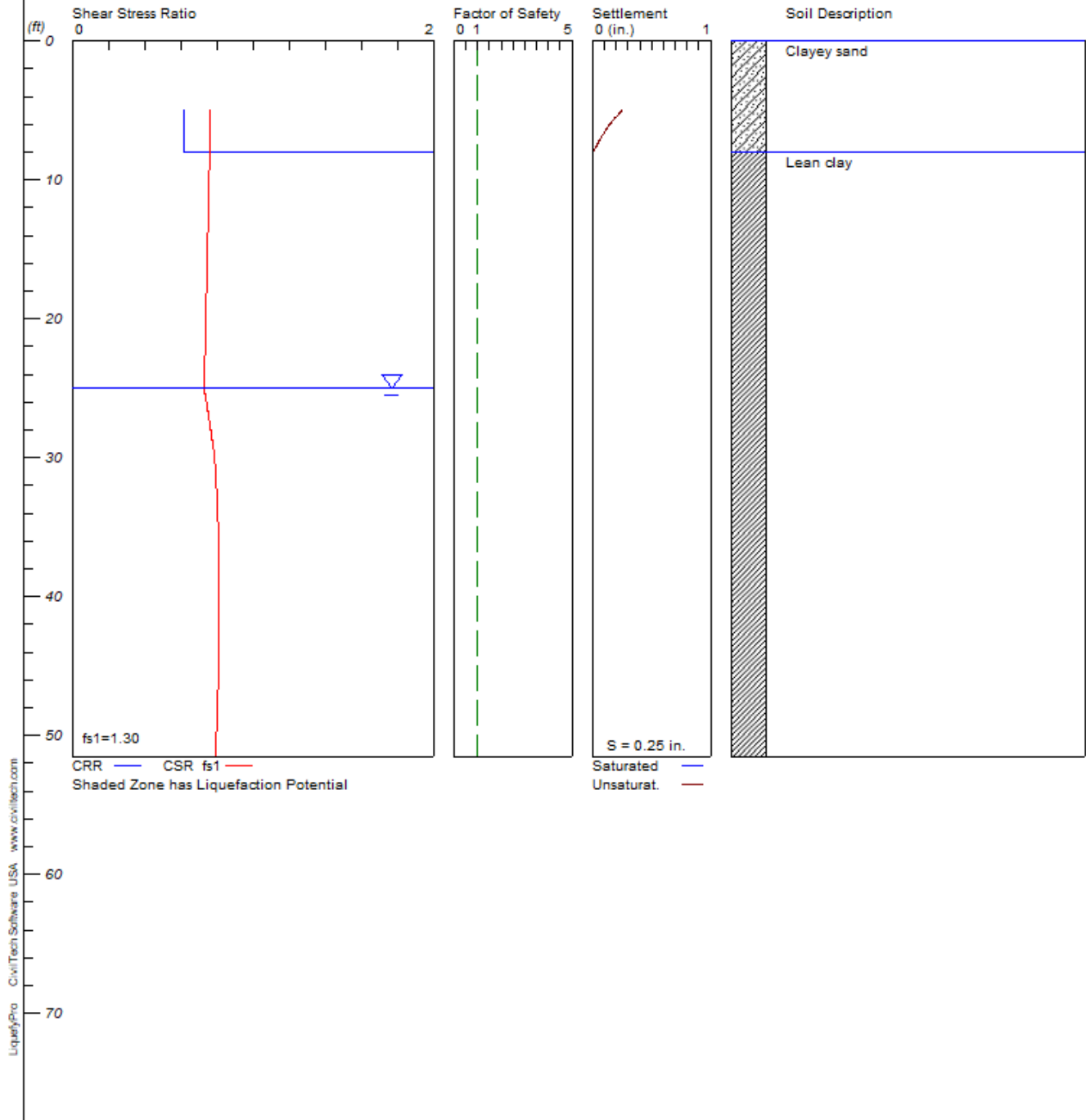
1 atm (atmosphere) = 1 tsf (ton/ft²)
CRRm Cyclic resistance ratio from soils
CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
S_sat Settlement from saturated sands
S_dry Settlement from Unsaturated Sands
S_all Total Settlement from Saturated and Unsaturated Sands
NoLiq No-Liquefy Soils

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-23 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LIQUEFACTION ANALYSIS SUMMARY
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Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-23.liq
Title: Irving MS
Subtitle: Boring B-23

Surface Elev.=
Hole No.=B-23
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 20.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-23
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 20.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	11.20	104.70	35.00
8.00	18.00	125.00	NoLiq
10.00	13.00	125.00	NoLiq
15.00	19.00	125.00	NoLiq
20.00	15.00	125.00	NoLiq
25.00	29.00	125.00	NoLiq
30.00	36.00	125.00	NoLiq
35.00	36.00	125.00	NoLiq
40.00	33.00	125.00	NoLiq
45.00	31.00	125.00	NoLiq
50.00	27.00	125.00	NoLiq

Output Results:

Settlement of Saturated Sands=0.00 in.
Settlement of Unsaturated Sands=0.25 in.
Total Settlement of Saturated and Unsaturated Sands=0.25 in.
Differential Settlement=0.125 to 0.165 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
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5.00	0.62	0.76	5.00	0.00	0.25	0.25
5.05	0.62	0.76	5.00	0.00	0.24	0.24
5.10	0.62	0.76	5.00	0.00	0.24	0.24
5.15	0.62	0.76	5.00	0.00	0.23	0.23
5.20	0.62	0.76	5.00	0.00	0.23	0.23
5.25	0.62	0.76	5.00	0.00	0.22	0.22
5.30	0.62	0.76	5.00	0.00	0.22	0.22
5.35	0.62	0.76	5.00	0.00	0.21	0.21
5.40	0.62	0.76	5.00	0.00	0.20	0.20
5.45	0.62	0.76	5.00	0.00	0.20	0.20
5.50	0.62	0.76	5.00	0.00	0.19	0.19
5.55	0.62	0.76	5.00	0.00	0.19	0.19
5.60	0.62	0.76	5.00	0.00	0.18	0.18
5.65	0.62	0.76	5.00	0.00	0.18	0.18
5.70	0.62	0.76	5.00	0.00	0.17	0.17
5.75	0.62	0.76	5.00	0.00	0.17	0.17
5.80	0.62	0.76	5.00	0.00	0.16	0.16
5.85	0.62	0.76	5.00	0.00	0.16	0.16
5.90	0.62	0.76	5.00	0.00	0.15	0.15
5.95	0.62	0.76	5.00	0.00	0.15	0.15
6.00	0.62	0.76	5.00	0.00	0.15	0.15
6.05	0.62	0.76	5.00	0.00	0.14	0.14
6.10	0.62	0.76	5.00	0.00	0.14	0.14
6.15	0.62	0.76	5.00	0.00	0.13	0.13
6.20	0.62	0.76	5.00	0.00	0.13	0.13
6.25	0.62	0.76	5.00	0.00	0.12	0.12
6.30	0.62	0.76	5.00	0.00	0.12	0.12
6.35	0.62	0.76	5.00	0.00	0.12	0.12
6.40	0.62	0.76	5.00	0.00	0.11	0.11
6.45	0.62	0.76	5.00	0.00	0.11	0.11
6.50	0.62	0.76	5.00	0.00	0.10	0.10
6.55	0.62	0.76	5.00	0.00	0.10	0.10
6.60	0.62	0.76	5.00	0.00	0.10	0.10
6.65	0.62	0.76	5.00	0.00	0.09	0.09
6.70	0.62	0.76	5.00	0.00	0.09	0.09
6.75	0.62	0.76	5.00	0.00	0.09	0.09
6.80	0.62	0.76	5.00	0.00	0.08	0.08
6.85	0.62	0.76	5.00	0.00	0.08	0.08
6.90	0.62	0.76	5.00	0.00	0.08	0.08
6.95	0.62	0.76	5.00	0.00	0.07	0.07
7.00	0.62	0.76	5.00	0.00	0.07	0.07
7.05	0.62	0.76	5.00	0.00	0.06	0.06
7.10	0.62	0.76	5.00	0.00	0.06	0.06
7.15	0.62	0.76	5.00	0.00	0.06	0.06
7.20	0.62	0.76	5.00	0.00	0.05	0.05
7.25	0.62	0.76	5.00	0.00	0.05	0.05
7.30	0.62	0.76	5.00	0.00	0.05	0.05
7.35	0.62	0.76	5.00	0.00	0.04	0.04
7.40	0.62	0.76	5.00	0.00	0.04	0.04
7.45	0.62	0.76	5.00	0.00	0.04	0.04
7.50	0.62	0.76	5.00	0.00	0.03	0.03
7.55	0.62	0.76	5.00	0.00	0.03	0.03
7.60	0.62	0.76	5.00	0.00	0.03	0.03
7.65	0.62	0.76	5.00	0.00	0.02	0.02
7.70	0.62	0.76	5.00	0.00	0.02	0.02
7.75	0.62	0.76	5.00	0.00	0.02	0.02
7.80	0.62	0.76	5.00	0.00	0.01	0.01
7.85	0.62	0.76	5.00	0.00	0.01	0.01
7.90	0.62	0.76	5.00	0.00	0.01	0.01
7.95	0.62	0.76	5.00	0.00	0.00	0.00
8.00	2.00	0.76	5.00	0.00	0.00	0.00
8.05	2.00	0.76	5.00	0.00	0.00	0.00
8.10	2.00	0.76	5.00	0.00	0.00	0.00
8.15	2.00	0.76	5.00	0.00	0.00	0.00
8.20	2.00	0.76	5.00	0.00	0.00	0.00
8.25	2.00	0.76	5.00	0.00	0.00	0.00
8.30	2.00	0.76	5.00	0.00	0.00	0.00
8.35	2.00	0.76	5.00	0.00	0.00	0.00
8.40	2.00	0.76	5.00	0.00	0.00	0.00

49.85	2.00	0.80	5.00	0.00	0.00	0.00
49.90	2.00	0.80	5.00	0.00	0.00	0.00
49.95	2.00	0.80	5.00	0.00	0.00	0.00
50.00	2.00	0.80	5.00	0.00	0.00	0.00
50.05	2.00	0.80	5.00	0.00	0.00	0.00
50.10	2.00	0.80	5.00	0.00	0.00	0.00
50.15	2.00	0.80	5.00	0.00	0.00	0.00
50.20	2.00	0.80	5.00	0.00	0.00	0.00
50.25	2.00	0.80	5.00	0.00	0.00	0.00
50.30	2.00	0.80	5.00	0.00	0.00	0.00
50.35	2.00	0.80	5.00	0.00	0.00	0.00
50.40	2.00	0.80	5.00	0.00	0.00	0.00
50.45	2.00	0.80	5.00	0.00	0.00	0.00
50.50	2.00	0.79	5.00	0.00	0.00	0.00
50.55	2.00	0.79	5.00	0.00	0.00	0.00
50.60	2.00	0.79	5.00	0.00	0.00	0.00
50.65	2.00	0.79	5.00	0.00	0.00	0.00
50.70	2.00	0.79	5.00	0.00	0.00	0.00
50.75	2.00	0.79	5.00	0.00	0.00	0.00
50.80	2.00	0.79	5.00	0.00	0.00	0.00
50.85	2.00	0.79	5.00	0.00	0.00	0.00
50.90	2.00	0.79	5.00	0.00	0.00	0.00
50.95	2.00	0.79	5.00	0.00	0.00	0.00
51.00	2.00	0.79	5.00	0.00	0.00	0.00
51.05	2.00	0.79	5.00	0.00	0.00	0.00
51.10	2.00	0.79	5.00	0.00	0.00	0.00
51.15	2.00	0.79	5.00	0.00	0.00	0.00
51.20	2.00	0.79	5.00	0.00	0.00	0.00
51.25	2.00	0.79	5.00	0.00	0.00	0.00
51.30	2.00	0.79	5.00	0.00	0.00	0.00
51.35	2.00	0.79	5.00	0.00	0.00	0.00
51.40	2.00	0.79	5.00	0.00	0.00	0.00
51.45	2.00	0.79	5.00	0.00	0.00	0.00
51.50	2.00	0.79	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

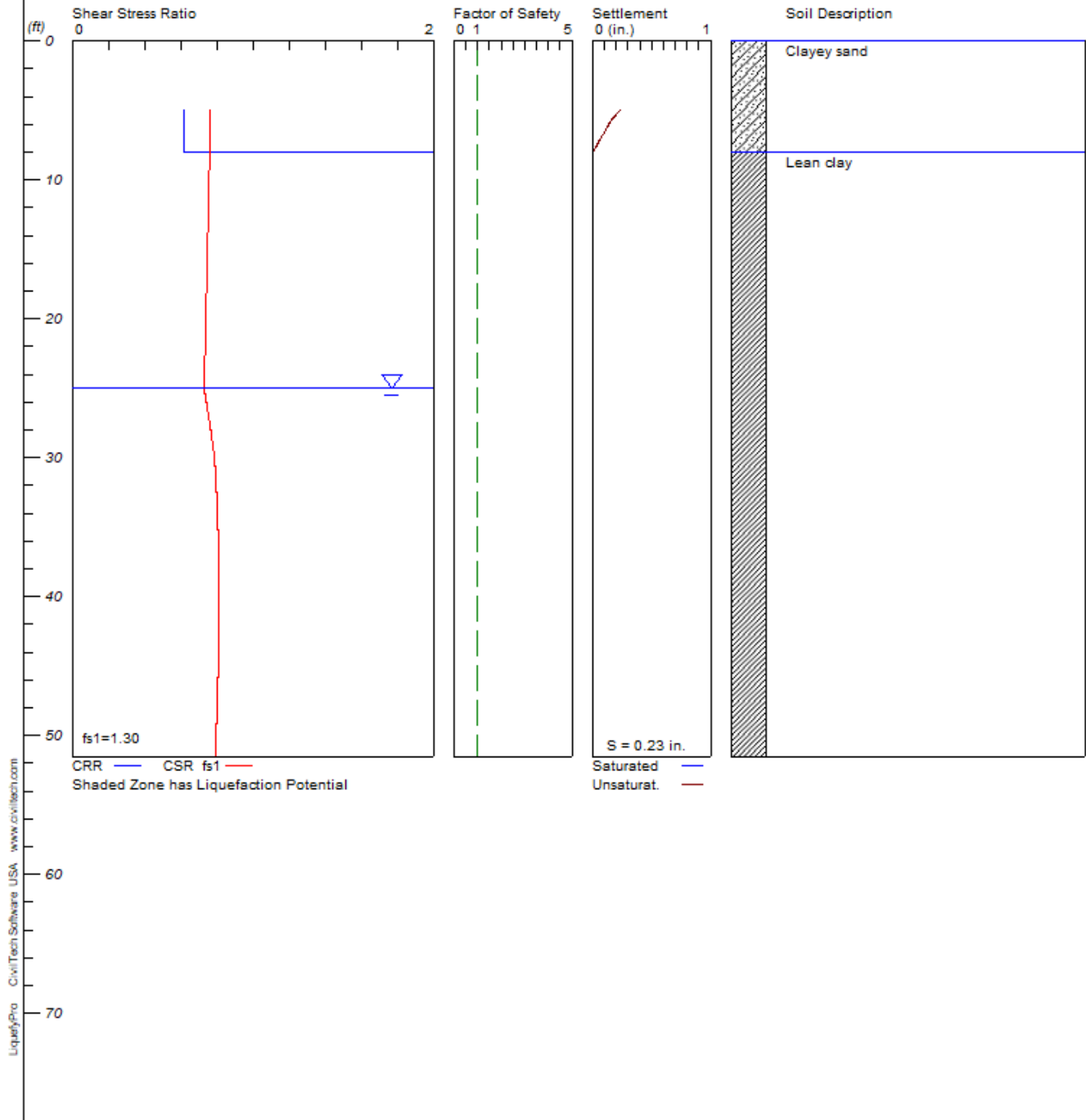
-
- 1 atm (atmosphere) = 1 tsf (ton/ft²)
 - CRRm Cyclic resistance ratio from soils
 - CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
 - F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
 - S_sat Settlement from saturated sands
 - S_dry Settlement from Unsaturated Sands
 - S_all Total Settlement from Saturated and Unsaturated Sands
 - NoLiq No-Liquefy Soils

LIQUEFACTION ANALYSIS

Irving MS

Hole No.=B-24 Water Depth=25 ft

Magnitude=6.9
Acceleration=0.916g



LIQUEFACTION ANALYSIS SUMMARY
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Font: Courier New, Regular, Size 8 is recommended for this report.
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Input File Name: C:\Users\jmeneses\Desktop\RMA projects\21-1331-0 Irving MS\Boring B-24.liq
Title: Irving MS
Subtitle: Boring B-24

Surface Elev.=
Hole No.=B-24
Depth of Hole= 51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 15.00 ft
Max. Acceleration= 0.92 g
Earthquake Magnitude= 6.90

Input Data:

Surface Elev.=
Hole No.=B-24
Depth of Hole=51.50 ft
Water Table during Earthquake= 25.00 ft
Water Table during In-Situ Testing= 15.00 ft
Max. Acceleration=0.92 g
Earthquake Magnitude=6.90
No-Liquefiable Soils: CL, OL are Non-Liq. Soil

1. SPT or BPT Calculation.
 2. Settlement Analysis Method: Tokimatsu, M-correction
 3. Fines Correction for Liquefaction: Idriss/Seed
 4. Fine Correction for Settlement: During Liquefaction*
 5. Settlement Calculation in: All zones*
 6. Hammer Energy Ratio, Ce = 1.25
 7. Borehole Diameter, Cb= 1
 8. Sampling Method, Cs= 1.2
 9. User request factor of safety (apply to CSR) , User= 1.3
Plot one CSR curve (fs1=User)
 10. Use Curve Smoothing: Yes*
- * Recommended Options

In-Situ Test Data:

Depth ft	SPT	gamma pcf	Fines %
5.00	11.70	110.60	46.70
10.00	29.00	128.30	NoLiq
15.00	19.00	125.00	NoLiq
20.00	16.00	125.00	NoLiq
25.00	20.00	125.00	NoLiq
30.00	22.00	125.00	NoLiq
35.00	39.00	125.00	NoLiq
40.00	34.00	125.00	NoLiq
45.00	29.00	125.00	NoLiq
50.00	54.00	125.00	NoLiq

Output Results:

Settlement of Saturated Sands=0.00 in.
Settlement of Unsaturated Sands=0.23 in.
Total Settlement of Saturated and Unsaturated Sands=0.23 in.
Differential Settlement=0.114 to 0.150 in.

Depth ft	CRRm	CSRfs	F.S.	S_sat. in.	S_dry in.	S_all in.
5.00	0.62	0.76	5.00	0.00	0.23	0.23

5.05	0.62	0.76	5.00	0.00	0.22	0.22
5.10	0.62	0.76	5.00	0.00	0.22	0.22
5.15	0.62	0.76	5.00	0.00	0.21	0.21
5.20	0.62	0.76	5.00	0.00	0.21	0.21
5.25	0.62	0.76	5.00	0.00	0.20	0.20
5.30	0.62	0.76	5.00	0.00	0.20	0.20
5.35	0.62	0.76	5.00	0.00	0.19	0.19
5.40	0.62	0.76	5.00	0.00	0.19	0.19
5.45	0.62	0.76	5.00	0.00	0.18	0.18
5.50	0.62	0.76	5.00	0.00	0.18	0.18
5.55	0.62	0.76	5.00	0.00	0.17	0.17
5.60	0.62	0.76	5.00	0.00	0.17	0.17
5.65	0.62	0.76	5.00	0.00	0.16	0.16
5.70	0.62	0.76	5.00	0.00	0.16	0.16
5.75	0.62	0.76	5.00	0.00	0.16	0.16
5.80	0.62	0.76	5.00	0.00	0.15	0.15
5.85	0.62	0.76	5.00	0.00	0.15	0.15
5.90	0.62	0.76	5.00	0.00	0.14	0.14
5.95	0.62	0.76	5.00	0.00	0.14	0.14
6.00	0.62	0.76	5.00	0.00	0.14	0.14
6.05	0.62	0.76	5.00	0.00	0.13	0.13
6.10	0.62	0.76	5.00	0.00	0.13	0.13
6.15	0.62	0.76	5.00	0.00	0.13	0.13
6.20	0.62	0.76	5.00	0.00	0.12	0.12
6.25	0.62	0.76	5.00	0.00	0.12	0.12
6.30	0.62	0.76	5.00	0.00	0.12	0.12
6.35	0.62	0.76	5.00	0.00	0.11	0.11
6.40	0.62	0.76	5.00	0.00	0.11	0.11
6.45	0.62	0.76	5.00	0.00	0.11	0.11
6.50	0.62	0.76	5.00	0.00	0.10	0.10
6.55	0.62	0.76	5.00	0.00	0.10	0.10
6.60	0.62	0.76	5.00	0.00	0.10	0.10
6.65	0.62	0.76	5.00	0.00	0.09	0.09
6.70	0.62	0.76	5.00	0.00	0.09	0.09
6.75	0.62	0.76	5.00	0.00	0.09	0.09
6.80	0.62	0.76	5.00	0.00	0.08	0.08
6.85	0.62	0.76	5.00	0.00	0.08	0.08
6.90	0.62	0.76	5.00	0.00	0.08	0.08
6.95	0.62	0.76	5.00	0.00	0.07	0.07
7.00	0.62	0.76	5.00	0.00	0.07	0.07
7.05	0.62	0.76	5.00	0.00	0.06	0.06
7.10	0.62	0.76	5.00	0.00	0.06	0.06
7.15	0.62	0.76	5.00	0.00	0.06	0.06
7.20	0.62	0.76	5.00	0.00	0.05	0.05
7.25	0.62	0.76	5.00	0.00	0.05	0.05
7.30	0.62	0.76	5.00	0.00	0.05	0.05
7.35	0.62	0.76	5.00	0.00	0.04	0.04
7.40	0.62	0.76	5.00	0.00	0.04	0.04
7.45	0.62	0.76	5.00	0.00	0.04	0.04
7.50	0.62	0.76	5.00	0.00	0.03	0.03
7.55	0.62	0.76	5.00	0.00	0.03	0.03
7.60	0.62	0.76	5.00	0.00	0.03	0.03
7.65	0.62	0.76	5.00	0.00	0.02	0.02
7.70	0.62	0.76	5.00	0.00	0.02	0.02
7.75	0.62	0.76	5.00	0.00	0.02	0.02
7.80	0.62	0.76	5.00	0.00	0.01	0.01
7.85	0.62	0.76	5.00	0.00	0.01	0.01
7.90	0.62	0.76	5.00	0.00	0.01	0.01
7.95	0.62	0.76	5.00	0.00	0.00	0.00
8.00	2.00	0.76	5.00	0.00	0.00	0.00
8.05	2.00	0.76	5.00	0.00	0.00	0.00
8.10	2.00	0.76	5.00	0.00	0.00	0.00
8.15	2.00	0.76	5.00	0.00	0.00	0.00
8.20	2.00	0.76	5.00	0.00	0.00	0.00
8.25	2.00	0.76	5.00	0.00	0.00	0.00
8.30	2.00	0.76	5.00	0.00	0.00	0.00
8.35	2.00	0.76	5.00	0.00	0.00	0.00
8.40	2.00	0.76	5.00	0.00	0.00	0.00
8.45	2.00	0.76	5.00	0.00	0.00	0.00

49.90	2.00	0.79	5.00	0.00	0.00	0.00
49.95	2.00	0.79	5.00	0.00	0.00	0.00
50.00	2.00	0.79	5.00	0.00	0.00	0.00
50.05	2.00	0.79	5.00	0.00	0.00	0.00
50.10	2.00	0.79	5.00	0.00	0.00	0.00
50.15	2.00	0.79	5.00	0.00	0.00	0.00
50.20	2.00	0.79	5.00	0.00	0.00	0.00
50.25	2.00	0.79	5.00	0.00	0.00	0.00
50.30	2.00	0.79	5.00	0.00	0.00	0.00
50.35	2.00	0.79	5.00	0.00	0.00	0.00
50.40	2.00	0.79	5.00	0.00	0.00	0.00
50.45	2.00	0.79	5.00	0.00	0.00	0.00
50.50	2.00	0.79	5.00	0.00	0.00	0.00
50.55	2.00	0.79	5.00	0.00	0.00	0.00
50.60	2.00	0.79	5.00	0.00	0.00	0.00
50.65	2.00	0.79	5.00	0.00	0.00	0.00
50.70	2.00	0.79	5.00	0.00	0.00	0.00
50.75	2.00	0.79	5.00	0.00	0.00	0.00
50.80	2.00	0.79	5.00	0.00	0.00	0.00
50.85	2.00	0.79	5.00	0.00	0.00	0.00
50.90	2.00	0.79	5.00	0.00	0.00	0.00
50.95	2.00	0.79	5.00	0.00	0.00	0.00
51.00	2.00	0.79	5.00	0.00	0.00	0.00
51.05	2.00	0.79	5.00	0.00	0.00	0.00
51.10	2.00	0.79	5.00	0.00	0.00	0.00
51.15	2.00	0.79	5.00	0.00	0.00	0.00
51.20	2.00	0.79	5.00	0.00	0.00	0.00
51.25	2.00	0.79	5.00	0.00	0.00	0.00
51.30	2.00	0.79	5.00	0.00	0.00	0.00
51.35	2.00	0.79	5.00	0.00	0.00	0.00
51.40	2.00	0.79	5.00	0.00	0.00	0.00
51.45	2.00	0.79	5.00	0.00	0.00	0.00
51.50	2.00	0.79	5.00	0.00	0.00	0.00

* F.S.<1, Liquefaction Potential Zone
(F.S. is limited to 5, CRR is limited to 2, CSR is limited to 2)

Units: Unit: qc, fs, Stress or Pressure = atm (1.0581tsf); Unit Weight = pcf; Depth = ft; Settlement = in.

1 atm (atmosphere) = 1 tsf (ton/ft²)

CRRm Cyclic resistance ratio from soils
 CSRsf Cyclic stress ratio induced by a given earthquake (with user request factor of safety)
 F.S. Factor of Safety against liquefaction, F.S.=CRRm/CSRsf
 S_sat Settlement from saturated sands
 S_dry Settlement from Unsaturated Sands
 S_all Total Settlement from Saturated and Unsaturated Sands
 NoLiq No-Liquefy Soils

Unified Hazard Tool



Please do not use this tool to obtain ground motion parameter values for the design code reference documents covered by the [U.S. Seismic Design Maps web tools](#) (e.g., the International Building Code and the ASCE 7 or 41 Standard). The values returned by the two applications are not identical.

^ Input

Edition

Spectral Period

Latitude

Decimal degrees

Time Horizon

Return period in years

Longitude

Decimal degrees, negative values for western longitudes

Site Class

^ Hazard Curve



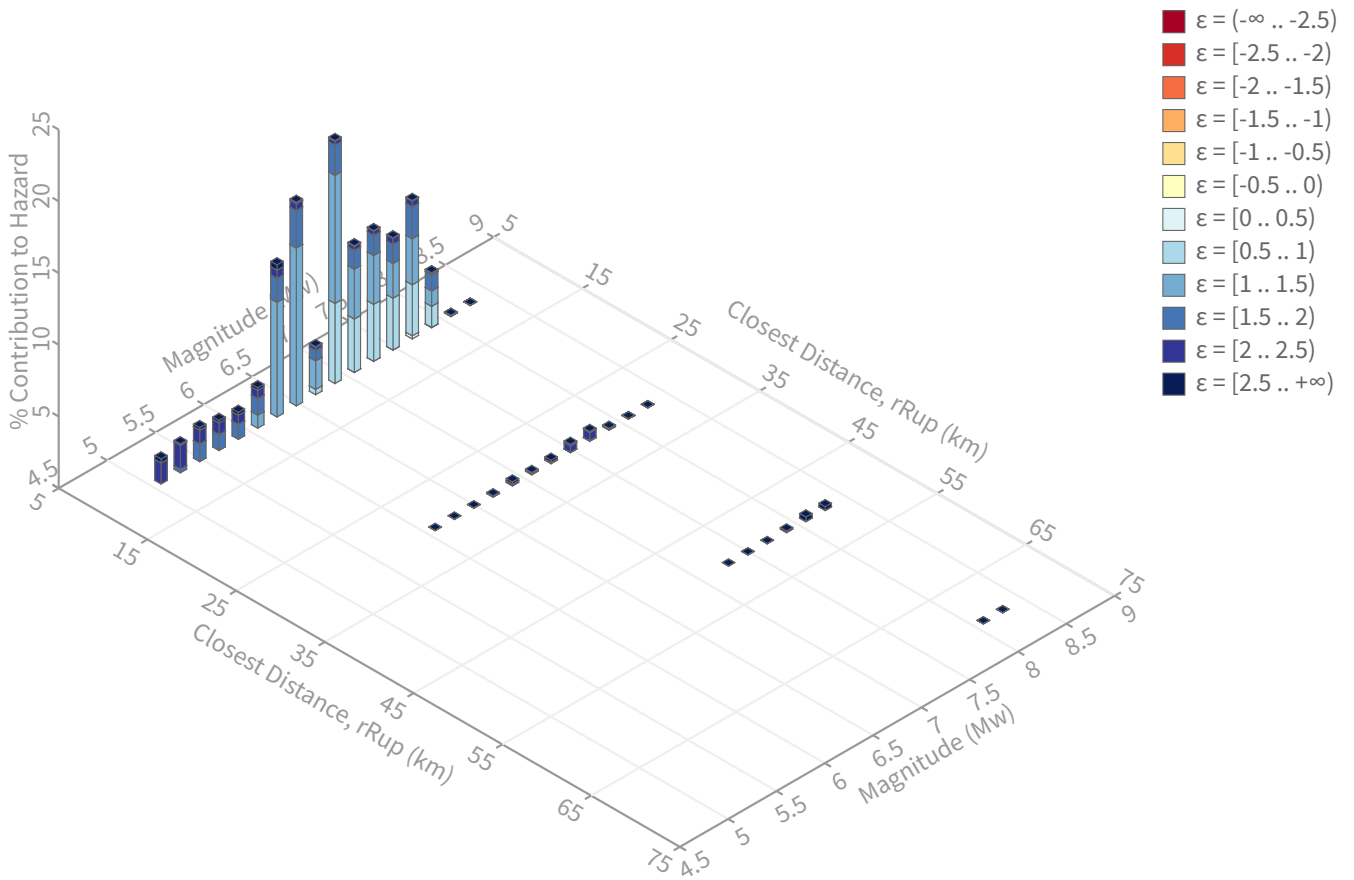
Please select “Edition”, “Location” & “Site Class” above to compute a hazard curve.

Compute Hazard Curve

Deaggregation

Component

Total



Summary statistics for, Deaggregation: Total

Deaggregation targets

Return period: 2475 yrs

Exceedance rate: 0.0004040404 yr⁻¹

PGA ground motion: 0.92286216 g

Recovered targets

Return period: 2972.8208 yrs

Exceedance rate: 0.00033638085 yr⁻¹

Totals

Binned: 100 %

Residual: 0 %

Trace: 0.04 %

Mean (over all sources)

m: 6.86

r: 7 km

ε₀: 1.38 σ

Mode (largest m-r bin)

m: 6.9

r: 4.15 km

ε₀: 1.13 σ

Contribution: 16.93 %

Mode (largest m-r-ε₀ bin)

m: 6.54

r: 4.5 km

ε₀: 1.2 σ

Contribution: 11 %

Discretization

r: min = 0.0, max = 1000.0, Δ = 20.0 km

m: min = 4.4, max = 9.4, Δ = 0.2

ε: min = -3.0, max = 3.0, Δ = 0.5 σ

Epsilon keys

ε0: [-∞ .. -2.5)

ε1: [-2.5 .. -2.0)

ε2: [-2.0 .. -1.5)

ε3: [-1.5 .. -1.0)

ε4: [-1.0 .. -0.5)

ε5: [-0.5 .. 0.0)

ε6: [0.0 .. 0.5)

ε7: [0.5 .. 1.0)

ε8: [1.0 .. 1.5)

ε9: [1.5 .. 2.0)

ε10: [2.0 .. 2.5)

ε11: [2.5 .. +∞]

Deaggregation Contributors

Source Set	Source	Type	r	m	ϵ_0	lon	lat	az	%
UC33brAvg_FM31		System							44.10
	Hollywood [0]		1.96	7.27	0.95	118.244°W	34.125°N	350.03	9.88
	Elysian Park (Upper) [2]		5.01	6.62	1.22	118.263°W	34.099°N	222.58	7.71
	Elysian Park (Upper) [1]		5.75	6.35	1.36	118.239°W	34.081°N	175.44	6.99
	Raymond [2]		2.48	6.78	1.17	118.224°W	34.124°N	63.53	4.80
	Verdugo [1]		5.70	7.48	1.26	118.220°W	34.163°N	22.14	2.50
	Puente Hills [4]		8.13	7.09	1.15	118.291°W	34.073°N	222.79	2.38
	Compton [3]		16.96	7.39	1.49	118.414°W	33.865°N	209.47	2.16
	Sierra Madre [5]		12.78	7.68	1.76	118.188°W	34.222°N	23.38	1.66
	Hollywood [1]		4.95	6.95	1.41	118.293°W	34.119°N	273.25	1.09
UC33brAvg_FM32		System							40.25
	Hollywood [0]		1.96	7.10	1.01	118.244°W	34.125°N	350.03	14.25
	Raymond [2]		2.48	6.98	1.10	118.224°W	34.124°N	63.53	4.56
	Elysian Park (Upper) [1]		5.75	7.00	1.10	118.239°W	34.081°N	175.44	3.47
	Puente Hills (Santa Fe Springs) [1]		15.04	7.02	1.57	118.144°W	33.926°N	156.73	2.19
	Verdugo [1]		5.70	7.48	1.26	118.220°W	34.163°N	22.14	2.11
	Compton [3]		16.96	7.48	1.45	118.414°W	33.865°N	209.47	2.08
	Elysian Park (Upper) [2]		5.01	6.64	1.23	118.263°W	34.099°N	222.58	1.75
	Sierra Madre [5]		12.78	7.71	1.75	118.188°W	34.222°N	23.38	1.61
	Puente Hills (LA) [1]		7.68	7.14	1.01	118.308°W	34.044°N	216.60	1.21
	Santa Monica alt 2 [0]		4.35	7.29	1.17	118.288°W	34.117°N	271.21	1.21
	Hollywood [1]		4.95	6.75	1.47	118.293°W	34.119°N	273.25	1.01
UC33brAvg_FM32 (opt)		Grid							8.07
	PointSourceFinite: -118.242, 34.157		6.70	5.71	1.85	118.242°W	34.157°N	0.00	1.66
	PointSourceFinite: -118.242, 34.157		6.70	5.71	1.85	118.242°W	34.157°N	0.00	1.66
	PointSourceFinite: -118.242, 34.166		7.27	5.74	1.93	118.242°W	34.166°N	0.00	1.56
	PointSourceFinite: -118.242, 34.166		7.27	5.74	1.93	118.242°W	34.166°N	0.00	1.56
UC33brAvg_FM31 (opt)		Grid							7.58
	PointSourceFinite: -118.242, 34.157		6.76	5.67	1.87	118.242°W	34.157°N	0.00	1.65
	PointSourceFinite: -118.242, 34.157		6.76	5.67	1.87	118.242°W	34.157°N	0.00	1.65
	PointSourceFinite: -118.242, 34.166		7.27	5.73	1.94	118.242°W	34.166°N	0.00	1.40
	PointSourceFinite: -118.242, 34.166		7.27	5.73	1.94	118.242°W	34.166°N	0.00	1.40

Search Information

Address: 51 E 6th St, Ontario, CA 91764, USA
Coordinates: 34.11664, -118.24244
Elevation: 401 ft
Timestamp: 2021-12-27T21:27:42.828Z
Hazard Type: Seismic
Reference Document: ASCE7-16
Risk Category: III
Site Class: D



Basic Parameters

Name	Value	Description
S _S	2.132	MCE _R ground motion (period=0.2s)
S ₁	0.745	MCE _R ground motion (period=1.0s)
S _{MS}	2.132	Site-modified spectral acceleration value
S _{M1}	* null	Site-modified spectral acceleration value
S _{DS}	1.421	Numeric seismic design value at 0.2s SA
S _{D1}	* null	Numeric seismic design value at 1.0s SA

* See Section 11.4.8

Additional Information

Name	Value	Description
SDC	* null	Seismic design category
F _a	1	Site amplification factor at 0.2s
F _v	* null	Site amplification factor at 1.0s
CR _S	0.886	Coefficient of risk (0.2s)
CR ₁	0.89	Coefficient of risk (1.0s)
PGA	0.923	MCE _G peak ground acceleration
F _{PGA}	1.1	Site amplification factor at PGA
PGA _M	1.015	Site modified peak ground acceleration

T _L	8	Long-period transition period (s)
SsRT	2.132	Probabilistic risk-targeted ground motion (0.2s)
SsUH	2.407	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
SsD	2.445	Factored deterministic acceleration value (0.2s)
S1RT	0.766	Probabilistic risk-targeted ground motion (1.0s)
S1UH	0.861	Factored uniform-hazard spectral acceleration (2% probability of exceedance in 50 years)
S1D	0.745	Factored deterministic acceleration value (1.0s)
PGAd	0.977	Factored deterministic acceleration value (PGA)

* See Section 11.4.8

The results indicated here DO NOT reflect any state or local amendments to the values or any delineation lines made during the building code adoption process. Users should confirm any output obtained from this tool with the local Authority Having Jurisdiction before proceeding with design.

Disclaimer

Hazard loads are provided by the U.S. Geological Survey [Seismic Design Web Services](#).

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APPENDIX C

GENERAL EARTHWORK AND GRADING SPECIFICATIONS

APPENDIX C

GENERAL EARTHWORK AND GRADING SPECIFICATIONS

C-1.00 GENERAL DESCRIPTION

C-1.01 Introduction

These specifications present our general recommendations for earthwork and grading as shown on the approved grading plans for the subject project. These specifications shall cover all clearing and grubbing, removal of existing structures, preparation of land to be filled, filling of the land, spreading, compaction and control of the fill, and all subsidiary work necessary to complete the grading of the filled areas to conform with the lines, grades and slopes as shown on the approved plans.

The recommendations contained in the geotechnical report of which these general specifications are a part of shall supersede the provisions contained hereinafter in case of conflict.

C-1.02 Laboratory Standard and Field Test Methods

The laboratory standard used to establish the maximum density and optimum moisture shall be ASTM D1557.

The insitu density of earth materials (field compaction tests) shall be determined by the sand cone method (ASTM D1556), direct transmission nuclear method (ASTM D2922) or other test methods as considered appropriate by the geotechnical consultant.

Relative compaction is defined, for purposes of these specifications, as the ratio of the in-place density to the maximum density as determined in the previously mentioned laboratory standard.

C-2.00 CLEARING

C-2.01 Surface Clearing

All structures marked for removal, timber, logs, trees, brush and other rubbish shall be removed and disposed of off the site. Any trees to be removed shall be pulled in such a manner so as to remove as much of the root system as possible.

C-2.02 Subsurface Removals

A thorough search should be made for possible underground storage tanks and/or septic tanks and cesspools. If found, tanks should be removed and cesspools pumped dry.

Any concrete irrigation lines shall be crushed in place and all metal underground lines shall be removed from the site.

C-2.03 Backfill of Cavities

All cavities created or exposed during clearing and grubbing operations or by previous use of the site shall be cleared of deleterious material and backfilled with native soils or other materials approved by the soil engineer. Said backfill

shall be compacted to a minimum of 90% relative compaction.

C-3.00 ORIGINAL GROUND PREPARATION

C-3.01 Stripping of Vegetation

After the site has been properly cleared, all vegetation and topsoil containing the root systems of former vegetation shall be stripped from areas to be graded. Materials removed in this stripping process may be used as fill in areas designated by the soil engineer, provided the vegetation is mixed with a sufficient amount of soil to assure that no appreciable settlement or other detriment will occur due to decaying of the organic matter. Soil materials containing more than 3% organics shall not be used as structural fill.

C-3.02 Removals of Non-Engineered Fills

Any non-engineered fills encountered during grading shall be completely removed and the underlying ground shall be prepared in accordance to the recommendations for original ground preparation contained in this section. After cleansing of any organic matter the fill material may be used for engineered fill.

C-3.03 Overexcavation of Fill Areas

The existing ground in all areas determined to be satisfactory for the support of fills shall be scarified to a minimum depth of 6 inches. Scarification shall continue until the soils are broken down and free from lumps or clods and until the scarified zone is uniform. The moisture content of the scarified zone shall be adjusted to within 2% of optimum moisture. The scarified zone shall then be uniformly compacted to 90% relative compaction.

Where fill material is to be placed on ground with slopes steeper than 5:1 (H:V) the sloping ground shall be benched. The lowermost bench shall be a minimum of 15 feet wide, shall be a minimum of 2 feet deep, and shall expose firm material as determined by the geotechnical consultant. Other benches shall be excavated to firm material as determined by the geotechnical consultant and shall have a minimum width of 4 feet.

Existing ground that is determined to be unsatisfactory for the support of fills shall be overexcavated in accordance to the recommendations contained in the geotechnical report of which these general specifications are a part.

C-4.00 FILL MATERIALS

C-4.01 General

Materials for the fill shall be free from vegetable matter and other deleterious substances, shall not contain rocks or lumps of a greater dimension than is recommended by the geotechnical consultant, and shall be approved by the geotechnical consultant. Soils of poor gradation, expansion, or strength properties shall be placed in areas designated by the geotechnical consultant or shall be mixed with other soils providing satisfactory fill material.

C-4.02 Oversize Material

Oversize material, rock or other irreducible material with a maximum dimension greater than 12 inches, shall not be placed in fills, unless the location, materials, and disposal methods are specifically approved by the geotechnical consultant. Oversize material shall be placed in such a manner that nesting of oversize material does not occur and in such a manner that the oversize material is completely surrounded by fill material compacted to a minimum of

90% relative compaction. Oversize material shall not be placed within 10 feet of finished grade without the approval of the geotechnical consultant.

C-4.03 Import

Material imported to the site shall conform to the requirements of Section 4.01 of these specifications. Potential import material shall be approved by the geotechnical consultant prior to importation to the subject site.

C-5.00 PLACING AND SPREADING OF FILL

C-5.01 Fill Lifts

The selected fill material shall be placed in nearly horizontal layers which when compacted will not exceed approximately 6 inches in thickness. Thicker lifts may be placed if testing indicates the compaction procedures are such that the required compaction is being achieved and the geotechnical consultant approves their use.

Each layer shall be spread evenly and shall be thoroughly blade mixed during the spreading to insure uniformity of material in each layer.

C-5.02 Fill Moisture

When the moisture content of the fill material is below that recommended by the soils engineer, water shall then be added until the moisture content is as specified to assure thorough bonding during the compacting process.

When the moisture content of the fill material is above that recommended by the soils engineer, the fill material shall be aerated by blading or other satisfactory methods until the moisture content is as specified.

C-5.03 Fill Compaction

After each layer has been placed, mixed, and spread evenly, it shall be thoroughly compacted to not less than 90% relative compaction. Compaction shall be by sheepfoot rollers, multiple-wheel pneumatic tired rollers, or other types approved by the soil engineer.

Rolling shall be accomplished while the fill material is at the specified moisture content. Rolling of each layer shall be continuous over its entire area and the roller shall make sufficient trips to insure that the desired density has been obtained.

C-5.04 Fill Slopes

Fill slopes shall be compacted by means of sheepfoot rollers or other suitable equipment. Compacting of the slopes may be done progressively in increments of 3 to 4 feet in fill height. At the completion of grading, the slope face shall be compacted to a minimum of 90% relative compaction. This may require track rolling or rolling with a grid roller attached to a tractor mounted side-boom.

Slopes may be over filled and cut back in such a manner that the exposed slope faces are compacted to a minimum of 90% relative compaction.

The fill operation shall be continued in six inch (6") compacted layers, or as specified above, until the fill has been brought to the finished slopes and grades as shown on the accepted plans.

C-5.05 Compaction Testing

Field density tests shall be made by the geotechnical consultant of the compaction of each layer of fill. Density tests shall be made at locations selected by the geotechnical consultant.

Frequency of field density tests shall be not less than one test for each 2.0 feet of fill height and at least every one thousand cubic yards of fill. Where fill slopes exceed four feet in height their finished faces shall be tested at a frequency of one test for each 1000 square feet of slope face.

Where sheepfoot rollers are used, the soil may be disturbed to a depth of several inches. Density reading shall be taken in the compacted material below the disturbed surface. When these readings indicate that the density of any layer of fill or portion thereof is below the required density, the particular layer or portion shall be reworked until the required density has been obtained.

C-6.00 SUBDRAINS

C-6.01 Subdrain Material

Subdrains shall be constructed of a minimum 4-inch diameter pipe encased in a suitable filter material. The subdrain pipe shall be Schedule 40 Acrylonitrile Butadiene Styrene (ABS) or Schedule 40 Polyvinyl Chloride Plastic (PVC) pipe or approved equivalent. Subdrain pipe shall be installed with perforations down. Filter material shall consist of 3/4" to 1 1/2" clean gravel wrapped in an envelope of filter fabric consisting of Mirafi 140N or approved equivalent.

C-6.02 Subdrain Installation

Subdrain systems, if required, shall be installed in approved ground to conform the approximate alignment and details shown on the plans or herein. The subdrain locations shall not be changed or modified without the approval of the geotechnical consultant. The geotechnical consultant may recommend and direct changes in the subdrain line, grade or material upon approval by the design civil engineer and the appropriate governmental agencies.

C-7.00 EXCAVATIONS

C-7.01 General

Excavations and cut slopes shall be examined by the geotechnical consultant. If determined necessary by the geotechnical consultant, further excavation or overexcavation and refilling of overexcavated areas shall be performed, and/or remedial grading of cut slopes shall be performed.

C-7.02 Fill-Over-Cut Slopes

Where fill-over-cut slopes are to be graded the cut portion of the slope shall be made and approved by the geotechnical consultant prior to placement of materials for construction of the fill portion of the slope.

C-8.00 TRENCH BACKFILL

C-.01 General

Trench backfill within street right of ways shall be compacted to 90% relative compaction as determined by the ASTM D1557 test method. Backfill may be jetted as a means of initial compaction; however, mechanical compaction will be required to obtain the required percentage of relative compaction. If trenches are jetted, there must be a suitable delay for drainage of excess water before mechanical compaction is applied.

C-9.00 SEASONAL LIMITS

C-9.01 General

No fill material shall be placed, spread or rolled while it is frozen or thawing or during unfavorable weather conditions. When the work is interrupted by heavy rain, fill operations shall not be resumed until field tests by the soils engineer indicate that the moisture content and density of the fill are as previously specified.

C-10.00 SUPERVISION

C-10.01 Prior to Grading

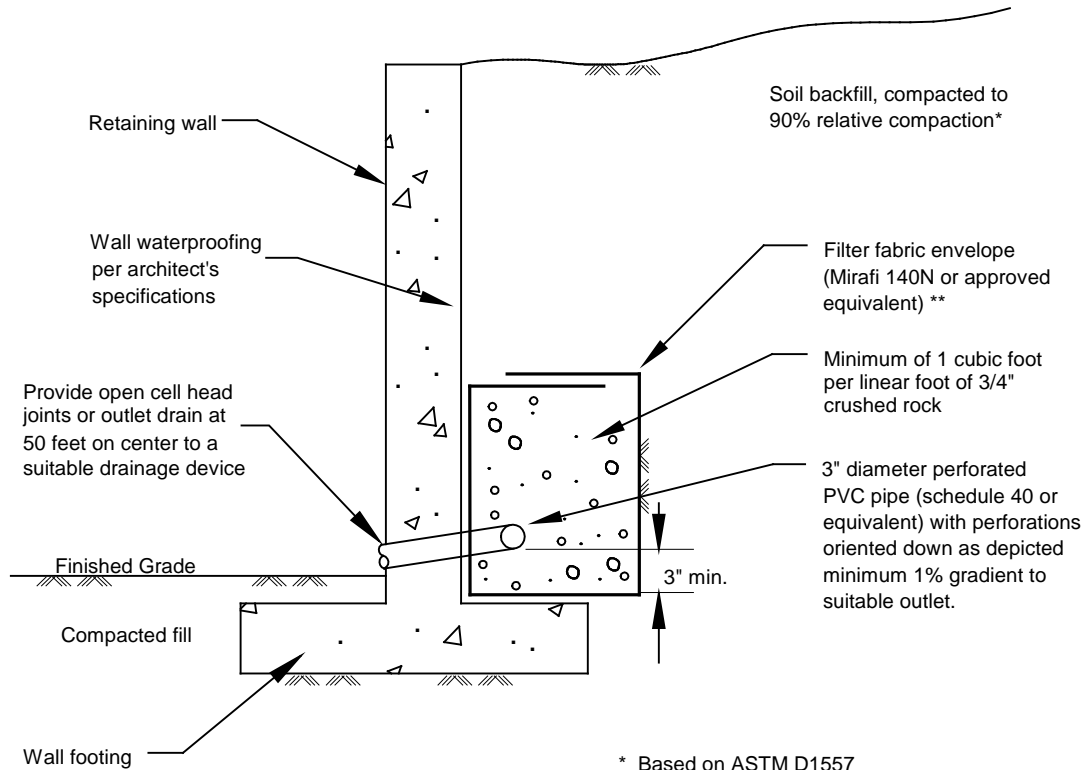
The site shall be observed by the geotechnical consultant upon completion of clearing and grubbing, prior to the preparation of any original ground for preparation of fill.

The supervisor of the grading contractor and the field representative of the geotechnical consultant shall have a meeting and discuss the geotechnical aspects of the earthwork prior to commencement of grading.

C-10.02 During Grading

Site preparation of all areas to receive fill shall be tested and approved by the geotechnical consultant prior to the placement of any fill.

The geotechnical consultant or his representative shall observe the fill and compaction operations so that he can provide an opinion regarding the conformance of the work to the recommendations contained in this report.



* Based on ASTM D1557

** If class 2 permeable material (See gradation to left) is used in place of 3/4" - 1 1/2" gravel. Filter fabric may be deleted. Class 2 permeable material compacted to 90% relative compaction. *

SPECIFICATIONS FOR CLASS 2 PERMEABLE MATERIAL (CAL TRANS SPECIFICATIONS)

Sieve Size	% Passing
1"	100
3/4"	90-100
3/8"	40-100
No.4	25-40
No.8	18-33
No.30	5-15
No.50	0-7
No.200	0-3

RETAINING WALL DRAINAGE DETAIL

APPENDIX F

REFERENCES

APPENDIX F

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Research & Collections

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August 13, 2023

SAPPHOS ENVIRONMENTAL, INC.

Attn: Lilibeth Tome

re: Paleontological resources for the Irving Middle School Modernization Project

Dear Lilibeth:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Irving Middle School Modernization Project area as outlined on the portion of the Los Angeles USGS topographic quadrangle map that you sent to me via e-mail on August 11, 2023. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).

Locality Number	Location	Formation	Taxa	Depth
LACM VP CIT342	Sparkletts property near 45th & Lincoln in Highland Park	Unrecorded (Pleistocene)	Mammoth (<i>Mammuthus</i>), Bison (<i>Bison</i>)	14 feet bgs
LACM VP 1880	3320 Seymour St., W of Mt. Washington	Modelo Formation (orange shale)	Fish (Osteichthyes)	surface
LACM VP 7507	Near intersection of San Fernando Rd. & Humboldt St.	Monterey Formation	Fish (<i>Thyrsocles kriegeri</i>)	31-32 m bgs (collected during excavations of the Humboldt Street Sewer Shaft)
LACM VP 6297 - 6300	Metro Rail Red Line Hollywood Blvd. subway tunnel, Hollywood Blvd from St. Andrews Place to Western Ave	Older alluvium (pebble-gravel; sand; sand & clay)	Horse (<i>Equus</i>), mastodon (<i>Mammut americanum</i>), bison (<i>Bison</i>), camel (<i>Camelops</i>)	47-80 feet bgs
LACM VP 3250	Madison & Middlebury Streets	Unrecorded (Pleistocene)	Mammoth (<i>Mammuthus</i>)	8 feet bgs

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Bureau of Land Management or Society of Vertebrate Paleontology standards.

Sincerely,

A handwritten signature in black ink that reads "Alyssa Bell". The signature is written in a cursive style and is centered within a light gray rectangular box.

Alyssa Bell, Ph.D.
Natural History Museum of Los Angeles County

enclosure: invoice

INTEROFFICE CORRESPONDENCE
Los Angeles Unified School District
Office of Environmental Health and Safety

DATE: October 4, 2023

TO: Elston Soares
Facilities Development Manager
FSD – Asset Management

FROM: Filmon Tesfaslasie,
Site Assessment Project Manager (CP)
Office of Environmental Health and Safety

**SUBJECT: IRVING MIDDLE SCHOOL
PRELIMINARY ENVIRONMENTAL ASSESSMENT – MAJOR
MODERNIZATION**

The Office of Environmental Health and Safety (OEHS) has prepared this correspondence to transmit the Preliminary Environmental Assessment (PEA) report (attached) for the Major Modernization Project at Irving Middle School (the “Site”) located at 3010 Estara Avenue, Los Angeles, California 90065.

In May and June of 2023, following OEHS guidelines, the Civil-Environmental-Survey Group (CES) completed soil investigation activities in areas planned to be part of the Major Modernization Project. The CES made the following conclusion based on their investigation:

1. A former oil heating underground storage tank (UST) and hydrocarbon impacted soil adjacent to the UST were identified to be present north of the Administration Building.
2. Arsenic-impacted soil was identified in five locations (B10, B12, B31, B47, and B56) in the shallow soil within the site.
3. Asbestos-impacted soil was identified in two locations (B19 and B22) in the shallow soil within the site.
4. All other remaining chemicals of concern, including the ones listed in the South Coast Air Quality Management District (SCAQMD) Rule 1466, such as lead, cadmium, nickel, mercury, polyaromatic hydrocarbons (PAHs), polychlorinated biphenyl (PCBs), and others were reported below their respective screening level or the 95% Upper Confidence Limit (95% UCL).

Based on the investigation, CES recommends the development of a Soil Removal Plan (SRP) to address the shallow soils impacted with arsenic and asbestos. The SRP will also include a work plan to remove the UST, associated pipelines, and impacted soil adjacent to the UST. Compliance with SCAQMD Rule 1466 is not required in the remainder area (outside the subject area of the SRP).

Should you have any questions or concerns regarding this memorandum, please contact OEHS Site Assessment Project Manager Filmon Tesfaslasie at (213) 241-4578 or at cp-f.tesfaslasie@lausd.net.

Attachment: Preliminary Environmental Assessment – Equivalent (PEA-E) Report, Irving Middle School – Major Modernization Project, 3010 Estara Avenue, Los Angeles, California 90065, dated October 2, 2023.

CC: Corey Jones
Julian Capata
Project File

PEA EQUIVALENT REPORT

Washington Irving Middle School
3010 Estara Ave
Los Angeles, CA 90065



CES Group
33175 Temecula Parkway, Suite A-734
Temecula, CA 92592
Tel: 951-808-8585
Fax: 951-848-9812

October 2, 2023

Prepared for:
LAUSD-OEHS
333 S. Beaudry Avenue
Los Angeles, California 90017

Reviewed by:
Skye Green, P.E.



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LIST OF ABBREVIATIONS/ACRONYMS

ACM - asbestos containing material

AIN - Assessor's ID Number

APN – Assessor's parcel number

amsl - above mean sea level

bgs - below ground surface

Cal/EPA - California Environmental Protection Agency

CHHSL – California Human Health Screening Level

COPC - Chemical of potential concern

District - Los Angeles Unified School District

DTSC - Department of Toxic Substances Control

EPA – Environmental Protection Agency

ESA - Environmental Site Assessment

HASP - Site-specific health and safety plan

LAUSD - Los Angeles Unified School District

LBP - lead-based paint

OCPs - Organochlorine Pesticides

OEHS - Office of Environmental Health and Safety

PAHs - Polycyclic aromatic hydrocarbons

PCBs - Polychlorinated Biphenyls

PEA-E - Preliminary Environmental Assessment Equivalent Document

PPE - Personal protective equipment

STLC – Soluble Threshold Limit Concentration

REC - Recognized environmental condition

RSL – Regional Screening Levels

TPH – Total petroleum hydrocarbons

TCLP - Toxic Characteristic Leaching Procedure

1.0 EXECUTIVE SUMMARY

This Preliminary Environmental Assessment (PEA-E) Equivalent Document summarizes historical site land use and outlines the approach utilized and data collected as part of the recently concluded assessment conducted for Washington Irving Middle School, located at 3010 Estara Ave, Los Angeles, California 90065.

The Site houses 17 buildings with 65 classrooms. It has several sports fields and designated parking areas. The site has a mixture of paved and unpaved areas and is located in a mixed residential and commercial area.

The primary objectives of this PEA-E were to assess shallow soil for potential environmental concerns identified in Eco & Associates' Phase I Environmental Site Assessment (ESA) conducted in March 2022, and to evaluate the overall Site health risk based on soil analytical screening results for chemicals of potential concern (COPCs), including lead, arsenic, organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH), polycyclic aromatic hydrocarbons (PAHs), and asbestos (Chrysotile).

The PEA-E field sampling activities presented herein were conducted on May 20 & 21 2023, June 23, and July 21, 2023. A total of 51 locations were advanced to a maximum depth of 2.5 feet below ground surface (bgs) using hand auger methods. A total of 10 locations were advanced to a maximum of 5 feet bgs using hand auger methods. Soil samples were collected from 0.5, 2.5 and 5 feet. All 0.5 ft samples were analyzed for COPCs while deeper samples were held at the lab, pending shallow sample results. A total of 2 locations were advanced to a maximum depth of 25 feet bgs via geoprobe. Soil samples from B58-B59 were collected at 0.5, 2.5, 5, 10, 15, 20, and 25 feet bgs. 0.5 ft, 2.5 ft, and 5 ft samples were analyzed for COPCs while deeper samples were held at the lab. Two samples were collected from the suspected tank location. Boring locations are shown on Figures 2 and 3. The soil matrix analytical results (Tables 2-5) indicate that elevated levels of lead were detected at 10 locations during initial screening, and elevated levels of arsenic were detected at 8 locations during initial screening. Based on the analytical results and comparisons with the screening levels, none of the soil was determined to contain hazardous levels of lead or arsenic. The 95% UCL for lead is 53.61 mg/kg and the 95% UCL for arsenic is 17.23 mg/kg. If the soil surrounding B10, B12, B31, B47, and B56 is removed, the 95% UCL for arsenic will be reduced to 6.43 mg/kg, which is below the screening level of 12 mg/kg. Asbestos was detected in 2 samples.

A geophysical survey of the suspected UST area was conducted and 2 anomalies were located. Anomaly A was identified as rectangular in shape and approximately 17 feet by 12 feet in size and indicative of a steel UST. Anomaly B is rectangular in shape and approximately 5 feet by 8 feet in size but was not considered typical of data associated with a UST. Further investigation of Anomaly A revealed a concrete layer at 2 feet bgs and the top of a suspected tank at 13 feet 8 inches bgs. Impacted soil was observed in the area surrounding the tank with concentrations of diesel-range hydrocarbons of 3400 mg/kg and VOCs ranging from ND to 8.8 mg/kg. The concrete layer may be indicative of secondary containment surrounding the tank. Impacted soil surrounding the UST will require removal along with the removal of the UST and any associated piping.

2.0 INTRODUCTION

This Preliminary Environmental Assessment (PEA-E) Equivalent Document summarizes historical site land use and outlines the approach utilized and data collected during site assessment activities at Washington Irving Middle School, located at 3010 Estara Ave, Los Angeles, CA 90065 (Site). The purpose of the assessment was to determine if the Site's surficial soils were impacted with contaminants of potential concern.

This report was prepared by CES Group on behalf of the Los Angeles Unified School District (LAUSD). The data provided in this report is based on information obtained during Eco & Associates' Phase I investigation of the site. The site location is shown on Figure 2.

2.1 Site Description

The Site is known as the Washington Irving Middle School and is located at 3010 Estara Ave Street, Los Angeles, California 90065. The Property is located between the residential areas of the Glassell Park and Atwater Village neighborhoods, south of Forest Lawn Cemetery in Glendale. The site includes APNs 5458-018-903 through -917 and 5458-019-900.

The Site is an operating school that occupies an 11.18-acre area with 65 existing classrooms. It houses 11 permanent and 6 relocatable buildings. The remaining area is occupied by parking spaces, sports fields, landscaping, and playgrounds. The property is located within a largely residential and commercial area.

Eco & Associates prepared a *Phase I Environmental Site Assessment Report* (Phase I) in March 2022 for the Site.

2.2 Background

Washington Irving Middle School is an active middle school.

A brief summary of the former Site use/operations is provided as follows:

- The land remained mostly undeveloped in the late 1800s.
- The Site was developed as residential property in the early 1900s, with a large residence to the North and smaller residential properties with a bisecting street to the South.
- During 1936 and 1937 parts of the existing school were developed on the Northern part of the site, which was originally part of the large residence.
- In the 1940s the school property expanded to the south, replacing residential properties.
- In the 1980s the school expanded again to the northwest.
- The current structures and building configurations have been present since approximately 2004.

2.3 Regional Geology and Hydrogeology

According to the Phase I report, the Site is situated near latitude 34.11682 (north) and longitude -118.24103 (west) at an approximate elevation of 404 feet above mean sea level. The topography of the Site and vicinity is generally flat, but slopes gently to the south, as shown in the Van Nuys, California USGS Topographic Map. The Site is not located within a flood hazard area.

The Site is located in Los Angeles County. Regionally, the site is located within the Transverse Ranges geomorphic province. This province is characterized by east-west trending geologic structures that include the east-west trending Santa Monica Mountains and the east-west trending active San Fernando fault zone. The trend of the San Fernando Valley reflects the overall trend of the Transverse Ranges, where major structural features exhibit an east-west orientation in contrast to the northwest-southeast trend that dominates in the rest of California. The San Fernando Valley is an area of compression between the San Gabriel Mountains on the northeast and the Santa Monica Mountains on the south. The east-west trend is reflected by the nearby San Fernando fault zone located approximately 4.4 miles to the north-northeast. The closest active fault is the Raymond fault, located less than one mile North of the site.

The Site is located in Los Angeles County, within the San Fernando Valley Groundwater Basin (Basin No. 4-12). According to the California Department of Water Resources (Bulletin 118, updated 2003), this area is classified as:

The San Fernando Valley Groundwater Basin includes the water-bearing sediments beneath the San Fernando Valley, Tujunga Valley, Browns Canyon, and the alluvial areas surrounding the Verdugo Mountains near La Crescenta and Eagle Rock. The basin is bounded on the north and northwest by the Santa Susana Mountains, on the north and northeast by the San Gabriel Mountains, on the east by the San Rafael Hills, on the south by the Santa Monica Mountains and Chalk Hills, and on the west by the Simi Hills.

The water-bearing sediments consist of the lower Pleistocene Saugus Formation, Pleistocene and Holocene age alluvium. The groundwater in this basin is mainly unconfined with some confinement within the Saugus Formation in the western part of the basin and in the Sylmar and Eagle Rock areas. Groundwater flows generally from the edges of the basin toward the middle of the basin, then beneath the Los Angeles River Narrows into the Central Subbasin of the Coastal Plain of Los Angeles Basin. In the northeastern part of the basin, groundwater moves from the La Crescenta area southward beneath the surface of Verdugo Canyon toward the Los Angeles River near Glendale, whereas the groundwater in the Tujunga area flows west following the Tujunga Wash around the Verdugo Mountains to join groundwater flowing from the west following the course of the Los Angeles River near Glendale.

Groundwater in the vicinity of the Site is reported to occur at approximately 61-63 feet bgs at the Former Aquality, Inc located at 3030 Andrita Street.

2.4 Environmental Setting

A Phase I ESA was completed for the School property in March 2022 by Eco & Associates, Inc. The purpose of the Phase I ESA is to identify recognized environmental conditions (RECs) in order to assist in the evaluation of historical land use, assess potential environmental impacts on- and off-site, and determine if any potential environmental impacts may pose a threat to on-site occupants, off-site individuals and the environment. No other environmental investigations for the School property were located during the Phase I ESA. Information pertaining to the Site as determined by the Phase I ESA is summarized below.

2.4.1 School Property

During the Phase I Assessment at Washington Irving Middle School, the following observations were made:

In the paint storage room:

- Approximately 25 five-gallon poly containers and 14 one-gallon steel containers of paint are stacked on the concrete floor or on wooden shelves. Minimal spillage was observed on the concrete floor.

In the former boiler room and in nearby rooms/areas:

- An aged wood cabinet labeled “Flammable Liquids” is present. The interior of the cabinet could not be inspected due to a locked door but no visible staining, evidence of releases, or odors were present on the exterior of the cabinet or surrounding concrete floor.
- An aged wood cabinet in the former boiler room contained various aged unlabeled glass beakers and containers of liquid. White acid-type staining was observed on the wood shelving. The concrete floor beneath the cabinet could not be inspected.
- A sump pump is located in the former boiler room. It is not known if the sump is operable.
- Pipe insulation is present on the boilers. The insulation is labeled as containing asbestos.
- Paint on the ceiling of the former boiler room was observed to be in significantly damaged condition with large amounts of peeling.
- Approximately 150 five-gallon containers of “Bioesque Botanical Disinfectant Solution” are present in storage rooms. The chemical is reportedly biodegradable and not regulated as dangerous goods. No evidence of releases or staining was observed on the containers or in the area.
- Approximately 150-gallons of Hillyard Power-Strip are stored in their original containers and boxes in a storage room. The chemical is reportedly a corrosive liquid and is harmful to aquatic life. No evidence of releases or staining was observed on the containers or in the area.

Shop #1 and Shop #2 (historically metal/paint shops):

- A concrete hazardous materials shed (possibly from the 1960s) is located west of Shop #1 and Shop #2. It has signage that reads “Danger, Flammable Liquids”. The interior of the shed could not be inspected due to locked doors, but no evidence of staining or releases was observed on the exterior of the shed.

2.4.2 Site

LAUSD is proposing the following site improvements:

- Construct a new classroom building, administration building, and M&O building,
- Modernization of the auditorium building,
- Improvements to landscaping and parking

2.5 Discussion of Phase I ESA Items

According to the Phase 1 ESA Report, no RECs were identified in connection with the site.

3.0 SAMPLING ACTIVITIES

The PEA-E field sampling activities presented herein were conducted on May 21 & 22, June 23, and July 21, 2023. The sampling objective was to assess chemicals of potential concern (COPCs) identified for shallow soil at the Site and in areas of concern. The COPCs include lead, arsenic, organochlorine pesticides (OCPs), petroleum hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), and Polychlorinated biphenyls (PCBs). The sampling consisted of the collection of select at-depth soil samples to screen shallow soil for COPCs. Deeper samples were collected in select locations to evaluate risks associated with specific concerns, Field observations of the soil samples did not provide any indications of staining and/or odors.

3.1 Objectives

The objectives of the assessment were to:

- Assess shallow soil for potential environmental concerns identified in the Phase I ESA for the Site,
- Evaluate the presence of asbestos across the Site,
- Evaluate the presence of lead-based paint in planned construction areas by sampling exposed soil,
- Evaluate the presence of arsenic beneath asphalt in planned construction areas by sampling beneath the asphalt,
- Evaluate the presence of chlorinated pesticides across the Site,

- Evaluate the of PAHs across the Site,
- Evaluate the presence of PCBs across the Site,
- Determine if a UST is present and if there are any leaks associated with the UST, and
- Evaluate the overall Site health risk based on soil analytical results.

3.2 Utility Clearance

Prior to conducting intrusive Site activities, Spectrum Geophysical conducted a geophysical survey of the Site to locate detectable utilities and subsurface anomalies. The locations of the utilities were marked, and boring locations were adjusted based on these results.

3.3 Health and Safety Plan

A Site-specific health and safety plan (HASP) was prepared for the field activities. The HASP addressed issues regarding chemical exposure, personal protective equipment (PPE), physical and biological hazards that might be expected at the Site, emergency response plan, and route to the nearest hospital. Site personnel engaged in field activities were required to conduct daily tailgate safety meetings acknowledging the potential health concerns in this plan. Subcontractors were responsible for their own HASP during field activities.

3.4 Field Procedures

Collection of environmental samples of high integrity is important to the quality of chemical data to be generated. To this end, strict field procedures have been developed. General descriptions of field methods that were employed at various locations during various phases of the field investigation are described below.

3.4.1 Sample Collection and Analysis

Soil borings were advanced by CES Group personnel using hand-auger tools. Asphalt or concrete pavement was cored by CES Group as well, prior to advancing the borings. Shallow borings were advanced to a maximum total depth of 5 feet below ground surface (bgs). Deeper borings adjacent to the tank location were advanced to a maximum total depth of 25 feet bgs. All field work was overseen by a California Professional Engineer.

Specific soil sampling approaches are outlined below:

- Discrete soil samples were obtained from 0.5 ft and 2.5 ft bgs depths from 51 borings; 0.5 ft, 2.5 ft, and 5 ft bgs from 10 borings; and 0.5ft, 2.5 ft, 5 ft, 10 ft, 15 ft, 20 ft, and 25 ft bgs from 2 borings. The shallow soil samples were initially analyzed by the laboratory and the remaining samples were held pending the analytical results. Deeper samples were analyzed if warranted based on shallow results. Soil samples were collected in laboratory supplied 8-ounce glass jars or other appropriate containers for the analysis provided by

the laboratory.

- Select samples were analyzed for lead, arsenic, asbestos, PCBs, TPH, PAHs or VOCs based on the location of the boring. Table 1 below shows the sample IDs and the analysis that each sample was submitted for. Analytical results are shown in Tables 2 through 5.
- Select 0.5ft samples were composited in-lab based on their proximity to each other and analyzed for OCPs. Table 1 below show the sample IDs and the analysis that each sample was submitted for. Analytical results are shown in Tables 2 through 5.
- Field duplicate samples were collected during the PEA-E sampling activities at an approximate ratio of 10%. The duplicate sample was collected immediately after the original sample. Due to the heterogeneity of the soil matrix the results for duplicate samples may vary from the results of the original sample. The duplicate samples were analyzed for the same parameters as the original samples collected from the same boring and similar interval.
- Borings were backfilled and compacted with soil and sand. Unpaved areas were filled to the original surface height and paved areas were filled and resurfaced with cement mixed with dye.
- Two samples were collected during a tank investigation at depths of 10 feet and 13 feet 8 inches from the soil adjacent to the suspected tank.

Table 1: Sample Locations, Sample Depths, and Chemical Analyses

Area of Concern	Boring IDs	Soil Sampling Depths (ft, bgs)	Chemical Analysis
<u>Administration Building</u> - Lead-based paint, use of termidicides and herbicides around building footprint, PCBs in caulking of building materials	B1-B13	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (6 composites) 2 samples for: PCBs 8082 Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5'	Archive
<u>Portables</u> - Lead-based paint, use of termidicides and herbicides around building footprint, PCBs in caulking of building materials	B14-B23	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (5 composites) 2 samples for: PCBs 8082 Title 22 Metals 6010B/7471A, Hex

			Chrom 7199, PAHs 8270-SIM
		2.5'	Archive
<u>Classroom 1</u> <u>/Homemaking</u> - Lead-based paint, use of termidicides and herbicides around building footprint, PCBs in caulking of building materials	B24-B34	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (5 composites) 2 samples for: PCBs 8082, Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5'	Archive
<u>Asphalt adjacent to grass field</u> - Application of arsenic-containing herbicides and asbestos beneath paved areas and compare fill vs native material	B35-B39	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (4 composites) 2 samples for: PCBs 8082, Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5'	Archive
	B40-B43	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (4 composites) 2 samples for: PCBs 8082, Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5', 5'	Archive
<u>Asphalt Adjacent to Portables</u> - Application of arsenic-containing herbicides and	B44-B47	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (2 composites)

asbestos beneath paved areas and compare fill vs native material			1 sample for: PCBs 8082, Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5'	Archive
	B48	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (2 composites) 1 sample for: PCBs 8082, Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5', 5'	Archive
<u>Asphalt Adjacent to Turf Field -</u> Application of arsenic-containing herbicides and asbestos beneath paved areas and compare fill vs native material	B49-B52	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (3 composites) 2 samples for: PCBs 8082, Title 22 Metals 6010B/7471A, PAHs 8270-SIM 1 sample for hex chrom 7199
		2.5'	Archive
	B53-B55	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (3 composites) 2 samples for: PCBs 8082, Title 22 Metals 6010B/7471A, PAHs 8270-SIM 1 sample for hex chrom 7199
		2.5', 5'	Archive

<u>Flammable Storage</u> - Use of hazardous materials such as gasoline and motor oils and potential leaks of spills	B56	0.5'	VOCs 8260B, TPHg/d/o 8015B, Title 22 Metals 6010B/7471A
		2.5', 5'	Archive
<u>Incinerator</u> - Historical use of gas-fired incinerator	B57	0.5'	Title 22 Metals 6010B/7471A VOCs 8260B TPH-g/d/o 8015B PAHs 8270SIM Dioxins & Furans 8290A (surface) Hexavalent Chrom 7199 (surface)
		2.5', 5'	Archive
<u>Oil Tank</u> - Historical use of oil tank for storing petroleum products and potential spills or leaks	B58-B59,	0.5', 2.5'	VOCs 8260B, TPHg/d/o 8015B, Title 22 Metals 6010B/7471A
		5', 10', 15', 20', 25'	Archive
	Tank @10ft, Tank @ 13ft-8in	10', 13'8"	TPH, VOCs, Title 22 Metals
<u>Parking Lot</u> - Location of previous buildings	B60-B63	0.5'	Lead and arsenic 6010B Asbestos by PLM OCPs 8081A (2 composites) 1 sample for: PCBs 8082, Title 22 Metals 6010B/7471A, Hex Chrom 7199, PAHs 8270-SIM
		2.5'	Archive

*Archive- sample was stored at laboratory for possible future analysis if necessary

All samples were sent to a State of California certified environmental laboratory.
Select soil samples were analyzed for the following compounds:

- Arsenic by EPA Method 6010B,
- Lead by EPA Method 6010B,
- Title 22 Metals by 6010B/7471A
- Asbestos (Chrysotile) by PLM,
- OCPs by EPA Method 8081A,

- PCBs by EPA Method 8082,
- PAHs by EPA Method 8270-SIM,
- VOCs by EPA Method 8260B
- GRO C6-C10 by EPA Method 8015M,
- DRO C10-C28 by EPA Method 8015M,
- ORO C28-C44 by EPA Method 8015M,
- Mercury by EPA Method 7471A
- Hexavalent Chromium by 7199

3.4.2 Sample Handling and Storage

In the field, each sample container was marked with their unique sampling location number, date and time of sample collection. Each of the sample containers was wiped with clean paper towels and securely packed and preserved in a cooler on ice, in preparation for delivery to the laboratory.

3.4.3 Sample Custody

An entry was made on a chain-of-custody form supplied by the laboratory for each sample that was submitted to the laboratory for analysis. The information recorded included the sampling date and time, sample identification number, matrix type, requested analyses and methods, preservatives, and the sampler's name. Sampling team members maintained custody of the samples until they were relinquished to laboratory personnel. The cooler was appropriately sealed before it was relinquished to laboratory personnel. The chain-of-custody form accompanied the samples from the time of collection until received by the laboratory. Each party in possession of the samples signed the chain-of-custody form signifying receipt.

Collected soil samples were transported using standard chain-of-custody protocol to Enthalpy Analytical Inc. in Orange, California, a California Certified Laboratory. Upon reception, the laboratory inspected the condition of the sample containers and reported the information on chain-of-custody or similar form.

A copy of the original completed chain-of-custody form was provided by the laboratory along with the report of results. Appendix A contains copies of the laboratory analytical reports.

3.4.4 Equipment Decontamination

Any equipment that came into contact with potentially contaminated soil or water was decontaminated consistently to assure the quality of samples collected. Disposable equipment intended for one-time use was not decontaminated but was packaged for appropriate disposal. Decontamination occurred prior to and after each use of a reusable piece of equipment. The sampling devices used (e.g., hand auger) were decontaminated using the following procedures:

- Non-phosphate detergent and tap water scrub, using a brush if necessary;
- Tap water rinse; and

- Final deionized/distilled water rinse.

3.5 Laboratory Quality Control

The laboratory data package provided includes quality control sample results for blanks, matrix spike/matrix spike duplicates, surrogate recoveries, and laboratory control samples/laboratory control sample duplicates, as specified by the method. The laboratory also provided narrative stating whether or not quality control guidelines were met and listed discrepancies and laboratory data qualifiers. The laboratory reports containing the quality control results are included in Appendix A.

3.6 Abandonment of Soil Borings

Upon completion of sampling, all soil borings were backfilled with clean soil and compacted. Boring locations were resurfaced with concrete dyed black or cold patch asphalt to match existing asphalt hardscape, as applicable.

3.7 Investigation Derived Waste Management

In the process of collecting environmental samples during the PEA-E activities, different types of potentially contaminated Investigation Derived Waste (IDW) were generated that included used PPE, disposable sampling equipment, excess soil cuttings, and decontamination fluids.

Listed below are the procedures that were followed for handling the IDW:

- Used PPE and disposable equipment were double bagged and placed in a municipal refuse dumpster. This waste is not considered hazardous and could be sent to a municipal landfill.

4.0 RESULTS

The observed soil was generally silty sand with some clay and poorly graded sands. The soil was observed to be brown to yellowish brown in color with no chemical odor and no visible signs of staining. Groundwater was not encountered in any of the boreholes during the sampling activities. Duplicate samples showed similar results to the original samples. Field procedures were conducted in compliance with the above procedures. Laboratory procedures were in compliance with the method requirements, including acceptable reporting limits, laboratory selection, and laboratory reporting of quality control information. Acceptable sensitivity was achieved by selecting analytical methods with reporting limits suitable for comparison with action levels. Overall, the dataset is considered to be of acceptable quality. As such, the data set is considered acceptable for use in accessing human health risk at the Site. The following section provides the sample analytical results. Tables showing screening values that were used as points of comparison for the analytical results are also included.

Soil samples were collected from a total of 63 locations during the initial soil sampling on May 20 and 21, 2023. Two additional geoprobe locations were sampled adjacent to the suspected tank on June 23 and two samples were collected from the material

suspected to be within the secondary containment surrounding the tank on July 21. Eleven samples were identified as having elevated concentrations above the LAUSD specified trigger level value of 50 mg/kg for lead. Four of these samples (B5, B11, B32, and B63) exceeded the LAUSD guideline for additional testing of 80 mg/kg. Additional STLC and TCLP tests were run on the four samples and none of the results showed lead concentrations above trigger levels. The deeper samples were also analyzed in these locations and none exceeded the trigger level value of 50 mg/kg. Nine samples were identified as having elevated concentrations above the LAUSD specified limit of 12 mg/kg for arsenic. Additional STLC and TCLP tests were run on 2 samples with some of the highest arsenic concentrations, B12 with 50 mg/kg and B56 with 100 mg/kg, but results did not indicate hazardous levels. The soil collected from the hand auger around the tank (Tank @ 13ft-8in) showed elevated diesel-range hydrocarbons and VOCs.

4.1 Soil Analytical Results

In summary, the soil matrix analytical results indicate the following:

- Lead was detected above the DTSC-modified screening level of 80 mg/kg (screening level for use in human health risk assessments) (DTSC, 2016) in 4 soil samples (B5, B11, B32, and B63). Upon analysis, the deeper samples at these locations at 2.5 ft bgs for B5, B11, B32, and B63 did not show any lead levels above 80 mg/kg. Subsequent STLC and TCLP results indicated non-hazardous levels of lead.
- Arsenic concentrations exceeded the DTSC-adopted background arsenic concentration of 12 mg/kg (DTSC, 2008) in 9 of the samples that were initially analyzed. The maximum concentration detected in the initial 0.5 ft samples was 100 mg/kg in B56. Upon analysis of deeper 2.5 ft samples, none showed concentrations exceeding 12 mg/kg. STLC analysis was conducted in 2 samples and showed non-hazardous arsenic levels.
- Asbestos was detected in 2 samples, B19 and B22 at 0.5 ft.
- OCPs were detected in low levels in 7 of the 0.5 ft composite samples that were analyzed. All OCP concentrations were below the EPA Region 9 Regional Screening Levels (RSLs), with the highest concentration being 0.11 mg/kg of 4,4'-DDE in sample "B12 B13 Comp – 0.5ft".
- PCB concentrations were not detected above the method reporting limit in any of the samples that were analyzed.
- Total petroleum hydrocarbons were detected in 5 samples. B56 in the flammable storage area had an ORO C28-C44 concentration of 60 mg/kg. B57 in the incinerator area had an ORO C28-C44 concentration of 160 mg/kg. B58, which was located adjacent to the oil tank, had an ORO C28-C44 concentration of 200 mg/kg. The samples collected from the tank area showed elevated hydrocarbons and VOCs with maximum diesel-range hydrocarbons of 3400 mg/kg.
- PAHs were detected in low levels in 5 samples (B11, B16, B22D, B35, and

B48) The maximum concentration observed was 110 ug/kg of 1-methylnaphthalene.

Soil analytical results are shown in Tables 2 through 5.

5.0 UST INVESTIGATION

On May 20th, 2023, Spectrum Geophysics conducted a geophysical investigation of the parking lot area adjacent to the Administration Building due to the suspected presence of an underground tank. Spectrum investigated an area that was 35 feet by 100 feet in size. Two significant anomalies were detected during this investigation. One anomaly (A) is rectangular in shape and approximately 17 feet by 12 feet in size. The size and magnitude of the anomaly is typical of those associated with a steel UST. A second anomaly (B) is rectangular in shape and approximately 5 feet by 8 feet in size but was not considered typical of data associated with a UST.

An additional investigation was conducted to determine the nature of the anomalies. ABC Liovin was contracted to conduct an air knife investigation of the subsurface area where Anomaly A was identified. An air knife investigation was only conducted to 5 feet due to the compact nature of the soils. A concrete layer was encountered at 2 feet bgs that was broken open. Hand augering was conducted from 5 feet to 13 feet 8 inches through a slurry and compact sand/silty sand where refusal was met at 13 feet 8 inches. The refusal appeared to be from the top of a possible metal tank. Samples were collected at 10 feet bgs and 13 feet 8 inches. A hydrocarbon odor and staining were observed in the area surrounding the tank. The sampling results confirmed the presence of gasoline, diesel, and oil-range hydrocarbons with the highest concentrations coming from the diesel-range hydrocarbons at 3400 mg/kg in the sample from 13 feet 8 inches. VOCs were also detected in this sample with concentrations ranging from ND to 8.8 mg/kg with the highest concentration coming from naphthalene.

Due to the concrete layer that was observed and the fact that the nearby boring only 8 feet away did not show signs of contamination, it is possible that there is secondary containment surrounding the tank. It is anticipated that there may be piping associated with the UST. The presence of piping was not established during the investigation and its possible location is not known. Care should be exercised during earth moving activities to avoid damage to associated piping.

6.0 HUMAN HEALTH SCREENING EVALUATION

The low concentrations of OCPs, metals, and PAHs detected were below published regulatory screening levels. Lead was detected above 80 mg/kg in 4 soil sample locations (B5, B11, B32, and B36) at a maximum concentration of 190 mg/kg. Arsenic was detected above the DTSC-adopted background arsenic concentration for Southern California of 12 mg/kg (DTSC, 2008) in 9 samples at a maximum concentration of 100 mg/kg. PCBs were not detected above the method reporting limit in any of the samples that were analyzed.

The school site has been defined for both arsenic and lead. All concentrations were below hazardous levels. To further evaluate the maximum detected lead and arsenic

concentrations, the EPA ProUCL software was used to quantify the 95% Upper Confidence Limit (95% UCL) and then the 95% UCL for lead and arsenic were compared to the applicable screening limits. The 95% UCL for lead is 53.61 mg/kg, which is below LAUSD's screening level of 80 mg/kg. The human health risk is typical of similar school Site operations in the State of California for these constituents. None of the soil was determined to be above hazardous levels. The 95% UCL for arsenic is 17.23 mg/kg, which is above LAUSD's screening level of 12 mg/kg. If the soil with the highest concentrations is removed (the concentrations surrounding B10, B12, B31, B47, and B56), then the 95% UCL is reduced to 6.43 mg/kg, which brings the 95% UCL below LAUSD's screening level of 12 mg/kg. CES Group recommends removal of the soil surrounding B10, B12, B31, B47 and B56 to bring the health risk to a level that is similar to school sites in the State of California for these constituents. The deeper samples below 0.5 feet did not indicate elevated levels of arsenic therefore only the shallow soil to 0.5 feet will need to be removed in these areas. A Soil Removal Plan will be prepared to address these concerns.

Asbestos was detected in two soil samples at B19-0.5FT and B-22-0.5FT located near the portables. Asbestos-impacted soil is a health concern if the soil is disturbed. CES Group recommends removal of the shallow soil in these locations prior to any invasive activities.

7.0 COMMUNITY PROFILE

7.1 Community Demographics

A brief summary of the community demographics for the zip code 90065 in Los Angeles County according to the 2021 US American Community Survey (data.census.gov) is as follows:

Total population: 46,432

Male: 23,845

Female: 22,587

Median Age: 37.7

Population 18 years and over: 37,704

Total housing units: 17,135

Population by race:

- One Race: 41,101
- Two or more races: 5,331
- White: 23,511
- Hispanic or Latino: 25,339
- Asian: 8,083
- Black or African American: 1,426

7.2 Local Participation and Involvement

A fact sheet, in the form of a flyer, was produced in English and Spanish (double-sided flyer) to provide members of the community with details regarding the PEA-E investigation including who would perform the work, project schedule, when and where the results of the investigation would be posted, and who to contact regarding additional information. This work notice flyer was handed out to all high school staff, mailed to all parents of students, was distributed to all residences within 500 feet of the school site, and was handed out to all line-of-sight properties, and posted along the boundary fence of the School property.

No specific environmental concerns or issues have been brought to the District's attention regarding the onsite activities at this time. In terms of project visibility, the onsite work took place during the weekend when the school was shut down to minimize any interference with school activities. Line-of-site neighbors, School staff, parents and interested community members were given copies of the work notice flyer. At this time, CES Group is unaware of environmental concerns or issues with relation to neighboring sites.

8.0 OPINION OF ENVIRONMENTAL PROFESSIONAL

Based on the PEA-E sampling results, all areas of impact have been identified and adequately characterized and defined both laterally and vertically. Additional action will be required during grading in the area of the suspected UST. Impacted soil surrounding the UST will require removal along with the removal of the UST and any associated piping that is discovered. A possible concrete secondary containment vessel was identified surrounding the UST. An additional anomaly was identified during the geophysical investigation and care should be exercised in this area as well.

Arsenic impacted soil should be removed in the areas of B1, B12, B47 and B56 to a depth of 0.5 feet. Asbestos-impacted soil in the vicinity of B19 and B-22 should be removed to a depth of 0.5 feet prior to invasive activities in the portables area. A Soil Removal Plan will be prepared to outline the procedures and requirements for soil removal.

9.0 CONCLUSIONS AND RECOMMENDATIONS

The primary objectives of this PEA-E were to assess shallow soil for potential environmental concerns identified in the Phase I ESA for the Site and to evaluate the overall Site health risk based on soil analytical screening results for COPCs (lead, arsenic, asbestos, OCPs, PCBs, TPH, and PAHs).

The soil analytical results indicate that lead and arsenic were detected in all of the original 0.5 ft soil samples that were analyzed. Lead was detected above the DTSC-modified screening level of 80 mg/kg in 4 original soil samples (B5, B11, B32, and B63). Deeper samples were analyzed in these locations and results were below screening levels. Lead was detected above the trigger level value of 50 mg/kg in 11 of the original samples. STLC and TCLP analyses indicated non-hazardous levels in all samples. Arsenic exceeded the DTSC-adopted background arsenic concentration of 12 mg/kg in 9

of the original samples. Three samples exceeded the trigger level value of 50 mg/kg and subsequent STLC analysis indicated non-hazardous concentrations. PCBs were not detected above the method reporting limit in any of the samples that were analyzed. Low-level OCPs were detected in several composite samples but concentrations were well below the EPA Regional Screening Levels (RSLs). Low-level PAHs were identified in several samples, but concentrations were well below RSLs.

To further evaluate the maximum detected lead and arsenic concentrations, the EPA ProUCL software was used to quantify the 95% Upper Confidence Limit (95% UCL) and then the 95% UCL for lead and arsenic were compared to the applicable screening limits. The 95% UCL for lead is 53.61 mg/kg, which is below LAUSD's screening level of 80 mg/kg. The human health risk is typical of similar school Site operations in the State of California for these constituents. None of the soil was determined to be above hazardous levels. The 95% UCL for arsenic is 17.23 mg/kg, which is above LAUSD's screening level of 12 mg/kg. If the soil with the highest concentrations is removed (the concentrations surrounding B10, B12, B31, B47, and B56), then the 95% UCL is reduced to 6.43 mg/kg, which brings the 95% UCL below LAUSD's screening level of 12 mg/kg. CES Group recommends removal of the soil surrounding B10, B12, B31, B47 and B56 to bring the health risk to a level that is similar to school sites in the State of California for these constituents. The deeper samples below 0.5 feet did not indicate elevated levels of arsenic therefore only the shallow soil to 0.5 feet will need to be removed in these areas. A Soil Removal Plan will be prepared to address these concerns.

Asbestos was detected in two soil samples at B19-0.5FT and B-22-0.5FT located near the portables. Asbestos-impacted soil is a health concern if the soil is disturbed. CES Group recommends removal of the shallow soil in these areas prior to any invasive activities. The removal of the asbestos-impacted soil will be addressed in the Soil Removal Plan.

A geophysical survey of the suspected UST area was conducted and 2 anomalies were located. Anomaly A was identified as rectangular in shape and approximately 17 feet by 12 feet in size and indicative of a steel UST. Anomaly B is rectangular in shape and approximately 5 feet by 8 feet in size but was not considered typical of data associated with a UST. Further investigation of Anomaly A revealed a concrete layer at 2 feet bgs and the top of a suspected tank at 13 feet 8 inches bgs. Impacted soil was observed in the area surrounding the tank with concentrations of diesel-range hydrocarbons of 3400 mg/kg and impacts due to VOCs ranging from ND to 8.8 mg/kg with the highest concentration coming from naphthalene. The concrete layer may be secondary containment for the tank. Impacted soil surrounding the UST will require removal during grading activities along with the removal of the UST. Associated piping may be present in the area of the UST and care should be exercised to avoid damage to such piping. A Soil Removal Plan will be prepared to address the removal of the UST, associated piping, and surrounding impacted soil.

10.0 LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. Opinions, conclusions, and recommendations contained in this report apply to

conditions existing when the services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. Where subsurface exploratory work, monitoring, and/or testing was performed, our professional opinions and conclusions are based in part on interpretation of data from discrete sampling or measurement locations that may not represent actual conditions at un-sampled or un-measured locations. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of the services. We assume no responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when the services were performed. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. CES Group should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

CES Group's professional opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analyses data. Further assessment of potential adverse environmental impacts from past on-Site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between and beyond the sampling locations. Variations in soil conditions likely exist beyond the points explored in this assessment and related excavation.

11.0 REFERENCES

Eco & Associates, Inc., *Phase I Environmental Assessment Report*, March 21, 2022.

LAUSD, Section 01 4524 Environmental Import/Export Materials Testing, 2018.

USEPA, 2005, *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties*, January 2005.

USEPA, 2023, Regional Screening Level S772369 Summary Table

Table 2
Soil Analytical Results - Lead and Arsenic
Irving MS

SAMPLE LOCATION AND DEPTH	Date	Arsenic (mg/kg)	Arsenic STLC (mg/l)	Arsenic TCLP (mg/l)	Lead (mg/kg)	Lead STLC (mg/l)	Lead TCLP (mg/l)
B1 - 0.5ft	5/21/2023	4.4	NA	NA	49	NA	NA
B2 - 0.5ft	5/21/2023	6.6	NA	NA	40	NA	NA
B3 - 0.5ft	5/21/2023	6.8	NA	NA	6.2	NA	NA
B4 - 0.5ft	5/21/2023	13	NA	NA	26	NA	NA
B4 - 2.5ft	5/21/2023	4	NA	NA	NA	NA	NA
B5 - 0.5ft	5/21/2023	13	NA	NA	190	0.5	ND
B5 - 2.5ft	5/21/2023	8.8	NA	NA	27	NA	NA
B6 - 0.5ft	5/21/2023	5.2	NA	NA	34	NA	NA
B7 - 0.5ft	5/21/2023	6.4	NA	NA	73	1.6	NA
B8 - 0.5ft	5/21/2023	7.2	NA	NA	12	NA	NA
B9 - 0.5ft	5/21/2023	6.1	NA	NA	10	NA	NA
B10 - 0.5ft	5/21/2023	24	NA	NA	23	NA	NA
B10 - 2.5ft	5/21/2023	2	NA	NA	NA	NA	NA
B11 - 0.5ft	5/21/2023	12	NA	NA	170	1.9	0.091
B12 - 0.5ft	5/21/2023	50	0.58	NA	61	0.43	NA
B12 - 2.5ft	5/21/2023	5.9	NA	NA	6.6	NA	NA
B13 - 0.5ft	5/21/2023	12	NA	NA	10	NA	NA
B13 - 2.5ft	5/21/2023	3.4	NA	NA	NA	NA	NA
B13D - 0.5ft	5/21/2023	7.7	NA	NA	13	NA	NA
B14 - 0.5ft	5/20/2023	8.8	NA	NA	43	NA	NA
B15 - 0.5ft	5/20/2023	4.8	NA	NA	16	NA	NA
B16 - 0.5ft	5/20/2023	2.8	NA	NA	6.2	NA	NA
B17 - 0.5ft	5/20/2023	7.7	NA	NA	32	NA	NA
B18 - 0.5ft	5/20/2023	3.4	NA	NA	8.1	NA	NA
B19 - 0.5ft	5/20/2023	6.3	NA	NA	23	NA	NA
B20 - 0.5ft	5/20/2023	5.1	NA	NA	23	NA	NA
B21 - 0.5ft	5/20/2023	5.2	NA	NA	14	NA	NA
B22 - 0.5ft	5/20/2023	7.0	NA	NA	21	NA	NA
B22D - 0.5ft	5/20/2023	5.4	NA	NA	14	NA	NA
B23 - 0.5ft	5/20/2023	5.5	NA	NA	18	NA	NA
B24 - 0.5ft	5/21/2023	4.8	NA	NA	6	NA	NA
B25 - 0.5ft	5/21/2023	4	NA	NA	9.6	NA	NA
B26 - 0.5ft	5/21/2023	3.5	NA	NA	9	NA	NA
B27 - 0.5ft	5/21/2023	2.8	NA	NA	12	NA	NA
B28 - 0.5ft	5/20/2023	4.4	NA	NA	8.3	NA	NA
B28D - 0.5ft	5/21/2023	3.7	NA	NA	34	NA	NA
B29 - 0.5ft	5/20/2023	5.6	NA	NA	6.3	NA	NA
B30 - 0.5ft	5/20/2023	2.3	NA	NA	11	NA	NA
B31 - 0.5ft	5/20/2023	52	0.39	NA	23	NA	NA
B31 - 2.5ft	5/20/2023	3.8	NA	NA	NA	NA	NA
B32 - 0.5ft	5/20/2023	11	NA	NA	190	3.3	0.039
B32 - 2.5ft	5/21/2023	NA	NA	NA	6	NA	NA
B33 - 0.5ft	5/21/2023	2.9	NA	NA	8.1	NA	NA
B34 - 0.5ft	5/21/2023	4.1	NA	NA	14	NA	NA
B34D - 0.5ft	5/21/2023	3.7	NA	NA	12	NA	NA
B35 - 0.5ft	5/21/2023	3.2	NA	NA	13	NA	NA
B36 - 0.5ft	5/21/2023	3.3	NA	NA	12	NA	NA
B37 - 0.5ft	5/20/2023	6.1	NA	NA	12	NA	NA
B38 - 0.5ft	5/20/2023	6.3	NA	NA	9.2	NA	NA
B39 - 0.5ft	5/20/2023	3.7	NA	NA	13	NA	NA
B40 - 0.5ft	5/20/2023	2.9	NA	NA	8	NA	NA

Table 2
Soil Analytical Results - Lead and Arsenic
Irving MS

SAMPLE LOCATION AND DEPTH	Date	Arsenic (mg/kg)	Arsenic STLC (mg/l)	Arsenic TCLP (mg/l)	Lead (mg/kg)	Lead STLC (mg/l)	Lead TCLP (mg/l)
B41 - 0.5ft	5/20/2023	3.5	NA	NA	10	NA	NA
B42 - 0.5ft	5/20/2023	3.5	NA	NA	13	NA	NA
B43 - 0.5ft	5/20/2023	4.1	NA	NA	14	NA	NA
B44 - 0.5ft	5/20/2023	6.6	NA	NA	21	NA	NA
B45 - 0.5ft	5/20/2023	8	NA	NA	19	NA	NA
B46 - 0.5ft	5/20/2023	7.5	NA	NA	32	NA	NA
B47 - 0.5ft	5/20/2023	15	NA	NA	55	0.29	NA
B-47-2.5ft	5/20/2023	5.0	NA	NA	6.9	NA	NA
B47D - 0.5ft	5/20/2023	41	NA	NA	53	NA*	NA
B48 - 0.5ft	5/20/2023	13	NA	NA	69	ND	NA
B48-2.5ft	5/20/2023	4.7	NA	NA	NA	NA	NA
B49 - 0.5ft	5/20/2023	3.4	NA	NA	14	NA	NA
B50 -0.5ft	5/21/2023	5.8	NA	NA	8	NA	NA
B51 - 0.5ft	5/21/2023	3.3	NA	NA	19	NA	NA
B51D - 0.5ft	5/23/2023	4	NA	NA	8.8	NA	NA
B52 - 0.5ft	5/23/2023	3.3	NA	NA	5.1	NA	NA
B53 - 0.5ft	5/23/2023	3.8	NA	NA	15	NA	NA
B54 - 0.5ft	5/23/2023	3.1	NA	NA	19	NA	NA
B55 - 0.5ft	5/23/2023	4.9	NA	NA	5.9	NA	NA
B56 - 0.5ft	5/20/2023	100	1.8	ND	19	NA	NA
B56 - 2.5ft	5/20/2023	3.7	NA	NA	NA	NA	NA
B57 - 0.5ft	5/20/2023	11	NA	NA	46	NA	NA
B58 - 0.5ft	6/23/2023	3.7/5.1	NA	NA	24	NA	NA
B58 - 2.5ft	6/23/2023	NA	NA	NA	NA	NA	NA
B58 - 5ft	6/23/2023	NA	NA	NA	NA	NA	NA
B59 - 0.5ft	6/23/2023	4.2/4.8	NA	NA	31	NA	NA
B59 - 2.5ft	6/23/2023	NA	NA	NA	NA	NA	NA
B59 - 5ft	6/23/2023	NA	NA	NA	NA	NA	NA
B60 - 0.5ft	5/21/2023	3.3	NA	NA	60	0.39	NA
B61 - 0.5ft	5/21/2023	4.5	NA	NA	18	NA	NA
B62 - 0.5ft	5/21/2023	5.6	NA	NA	62	0.77	NA
B63 - 0.5ft	5/21/2023	5.6	NA	NA	91	0.58	NA
B63 - 2.5ft	5/21/2023	NA	NA	NA	14	NA	NA
Tank @ 10ft	7/21/2023	1.8	NA	NA	3.0	NA	NA
Tank @ 13ft-8in	7/21/2023	2.0	NA	NA	5.5	NA	NA
TTLIC Hazardous Levels		500	500	500	1,000	1,000	1,000
EPA Regional Screening Level-May 2023 Resident Soil		0.68	--	--	400	--	--
DTSC HERO Note 3 2022		0.41	--	--	80	--	--
LAUSD Specific Limits		12	--	--	50	--	--

Notes: NA = not analyzed
mg/kg = milligrams per kilogram For soil reuse, arsenic <12.0 mg/kg, lead <80 mg/kg.
mg/L = milligrams per liter Regional Screening Level (RSL) Summary Table 2023
ND = not detected NA* = not analyzed - duplicate sample

Table 3
Soil Analytical Results - Title 22 Metals
Irving Middle School

SAMPLE LOCATION AND DEPTH	Date	Metals 6010B																		7471A	7199	Asbestos	
		Antimony (mg/kg)	Arsenic (mg/kg)	Arsenic STLC (mg/l)	Arsenic TCLP (mg/l)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (STLC in mg/L where applicable) (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Lead STLC (mg/l)	Lead TCLP (mg/l)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	Mercury (mg/kg)	Hexavalent Chromium (mg/kg)
B1 - 0.5ft	5/21/2023	NA	4.4	NA	NA	NA	NA	NA	NA	NA	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B2 - 0.5ft	5/21/2023	NA	6.6	NA	NA	NA	NA	NA	NA	NA	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3 - 0.5ft	5/21/2023	NA	6.8	NA	NA	NA	NA	NA	NA	NA	6.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4 - 0.5ft	5/21/2023	NA	13	NA	NA	NA	NA	NA	NA	NA	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4 - 2.5ft	5/21/2023	NA	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5 - 0.5ft	5/21/2023	2.9	13	NA	NA	150	0.52	3.4	35	10	49	190	0.5	ND	3.4	29	ND	ND	ND	420	0.21	ND	ND
B5 - 2.5ft	5/21/2023	NA	8.8	NA	NA	NA	NA	NA	NA	NA	27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6 - 0.5ft	5/21/2023	NA	5.2	NA	NA	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B7 - 0.5ft	5/21/2023	NA	6.4	NA	NA	NA	NA	NA	NA	NA	73	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B8 - 0.5ft	5/21/2023	NA	7.2	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B9 - 0.5ft	5/21/2023	NA	6.1	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B10 - 0.5ft	5/21/2023	NA	24	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B10 - 2.5ft	5/21/2023	NA	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B11 - 0.5ft	5/21/2023	ND	12	NA	NA	130	0.51	ND	19	8.5	23	170	1.9	0.091	ND	15	ND	ND	50	170	ND	ND	NVA
B12 - 0.5ft	5/21/2023	NA	50	0.58	NA	NA	NA	NA	NA	NA	61	0.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B12 - 2.5ft	5/21/2023	NA	5.9	NA	NA	NA	NA	NA	NA	NA	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13 - 0.5ft	5/21/2023	NA	12	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B13 - 2.5ft	5/21/2023	NA	3.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13D - 0.5ft	5/21/2023	NA	7.7	NA	NA	NA	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B14 - 0.5ft	5/20/2023	NA	8.8	NA	NA	NA	NA	NA	NA	NA	43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B15 - 0.5ft	5/20/2023	NA	4.8	NA	NA	NA	NA	NA	NA	NA	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B16 - 0.5ft	5/20/2023	ND	2.8	NA	NA	89	0.54	0.77	23	15.0	15	6.2	NA	NA	3.10	17	ND	ND	55	38	ND	ND	NVA
B17 - 0.5ft	5/20/2023	NA	7.7	NA	NA	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B18 - 0.5ft	5/20/2023	NA	3.4	NA	NA	NA	NA	NA	NA	NA	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B19 - 0.5ft	5/20/2023	NA	6.3	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Present
B20 - 0.5ft	5/20/2023	NA	5.1	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B21 - 0.5ft	5/20/2023	NA	5.2	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B22 - 0.5ft	5/20/2023	ND	7.0	NA	NA	100	ND	ND	18	7.5	16	21	NA	NA	1.40	14	ND	ND	48	62	ND	ND	Present
B22D - 0.5ft	5/20/2023	ND	5.4	NA	NA	97	0.50	ND	17	7.2	18	14	NA	NA	1.30	15	ND	ND	51	55	ND	ND	NVA
B23 - 0.5ft	5/20/2023	NA	5.5	NA	NA	NA	NA	NA	NA	NA	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B24 - 0.5ft	5/21/2023	ND	4.8	NA	NA	90	0.50	ND	18	6.9	14	6	NA	NA	2.40	15	ND	ND	60	52	ND	ND	NVA
B25 - 0.5ft	5/21/2023	NA	4	NA	NA	NA	NA	NA	NA	NA	9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B26 - 0.5ft	5/21/2023	NA	3.5	NA	NA	NA	NA	NA	NA	NA	9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B27 - 0.5ft	5/21/2023	NA	2.8	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B28 - 0.5ft	5/20/2023	NA	4.4	NA	NA	NA	NA	NA	NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B28D - 0.5ft	5/21/2023	NA	3.7	NA	NA	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B29 - 0.5ft	5/20/2023	NA	5.6	NA	NA	NA	NA	NA	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B30 - 0.5ft	5/20/2023	NA	2.3	NA	NA	NA	NA	NA	NA	NA	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B31 - 0.5ft	5/20/2023	ND	52	NA	NA	130	0.61	ND	19	12.0	16	23	NA	NA	ND	14	ND	ND	55	120	ND	ND	NVA
B31 - 2.5ft	5/20/2023	NA	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B32 - 0.5ft	5/20/2023	NA	11	NA	NA	NA	NA	NA	NA	NA	190	3.3	0.039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B32 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B33 - 0.5ft	5/21/2023	NA	2.9	NA	NA	NA	NA	NA	NA	NA	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B34 - 0.5ft	5/21/2023	NA	4.1	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B34D - 0.5ft	5/21/2023	NA	3.7	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B35 - 0.5ft	5/21/2023	ND	3.2	NA	NA	120	0.67	ND	22	13.0	21	13	NA	NA	ND	20	ND	ND	57	60	ND	ND	NVA
B36 - 0.5ft	5/21/2023	NA	3.3	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B37 - 0.5ft	5/20/2023	NA	6.1	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B38 - 0.5ft	5/20/2023	NA	6.3	NA	NA	NA	NA	NA	NA	NA	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B39 - 0.5ft	5/20/2023	NA	3.7	NA	NA	NA	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B40 - 0.5ft	5/20/2023	NA	2.9	NA	NA	NA	NA	NA	NA	NA	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B41 - 0.5ft	5/20/2023	NA	3.5	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B42 - 0.5ft	5/20/2023	NA	3.5	NA	NA	NA	NA	NA	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B43 - 0.5ft	5/20/2023	ND	4.1	NA	NA	83	ND	ND	8	8.6	11	14	NA	NA	ND	9.5	ND	ND	25	140	ND	ND	NVA
B44 - 0.5ft	5/20/2023	NA	6.6	NA	NA	NA	NA	NA	NA	NA	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B45 - 0.5ft	5/20/2023	NA	8	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B46 - 0.5ft	5/20/2023	NA	7.5	NA	NA	NA	NA	NA	NA	NA	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA

Table 3
Soil Analytical Results - Title 22 Metals
Irving Middle School

SAMPLE LOCATION AND DEPTH	Date	Metals 6010B																		7471A	7199	Asbestos		
		Antimony (mg/kg)	Arsenic (mg/kg)	Arsenic STLC (mg/l)	Arsenic TCLP (mg/l)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (STLC in mg/L where applicable) (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Lead STLC (mg/l)	Lead TCLP (mg/l)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)	Mercury (mg/kg)	Hexavalent Chromium (mg/kg)	Chrysotile (Present/NVA)
B47 - 0.5ft	5/20/2023	NA	15	NA	NA	NA	NA	NA	NA	NA	NA	0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B47-2.5ft	5/20/2023	NA	5.0	NA	NA	NA	NA	NA	NA	NA	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B47D - 0.5ft	5/20/2023	NA	41	NA	NA	NA	NA	NA	NA	NA	53	NA*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B48 - 0.5ft	5/20/2023	ND	13	NA	NA	130	ND	1.4	240 (ND)	21.0	21	69	ND	NA	2.2	120	ND	ND	ND	46	130	ND	ND	NVA
B48-2.5ft	5/20/2023	NA	4.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B49 - 0.5ft	5/20/2023	NA	3.4	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B50 -0.5ft	5/21/2023	NA	5.8	NA	NA	NA	NA	NA	NA	NA	8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B51 - 0.5ft	5/21/2023	ND	3.3	NA	NA	120	0.72	ND	24	9.8	15	19	NA	NA	1.1	16	ND	ND	ND	59	68	ND	ND	NVA
B51D - 0.5ft	5/23/2023	ND	4	NA	NA	120	0.90	ND	23	9.5	16	8.8	NA	NA	1.3	17	ND	ND	ND	62	62	ND	ND	NVA
B52 - 0.5ft	5/23/2023	NA	3.3	NA	NA	NA	NA	NA	NA	NA	5.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B53 - 0.5ft	5/23/2023	ND	3.8	NA	NA	150	0.81	ND	23	11	18	15	NA	NA	1.6	16	ND	ND	ND	65	77	ND	ND	NVA
B54 - 0.5ft	5/23/2023	NA	3.1	NA	NA	NA	NA	NA	NA	NA	19	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B55 - 0.5ft	5/23/2023	NA	4.9	NA	NA	NA	NA	NA	NA	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B56 - 0.5ft	5/20/2023	ND	100	1.8	ND	130	0.57	ND	20	9.9	18	19	NA	NA	1.7	15	ND	ND	ND	49	150	ND	ND	NA
B56 - 2.5ft	5/20/2023	NA	3.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B57 - 0.5ft	5/20/2023	ND	11	NA	NA	94	ND	ND	15	8.5	82	46	NA	NA	ND	11	ND	ND	ND	36	95	ND	NA	NA
B58 - 0.5ft	6/23/2023	ND	3.7/5.1	NA	NA	120	ND	2.1	23	10	14	24	NA	NA	2.7	23	ND	ND	ND	57	69	ND	ND	NA
B58 - 2.5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B58 - 5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B59 - 0.5ft	6/23/2023	ND	4.2/4.8	NA	NA	140	0.52	1.5	26	8.0	14	31	NA	NA	2.1	20	ND	ND	ND	57	86	ND	NA	NA
B59 - 2.5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B59 - 5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B60 - 0.5ft	5/21/2023	NA	3.3	NA	NA	NA	NA	NA	NA	NA	NA	60	0.39	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B61 - 0.5ft	5/21/2023	ND	4.5	NA	NA	130	ND	2.5	17	7.4	17	18	NA	NA	3.7	19	ND	ND	ND	48	75	ND	ND	NVA
B62 - 0.5ft	5/21/2023	NA	5.6	NA	NA	NA	NA	NA	NA	NA	NA	62	0.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B63 - 0.5ft	5/21/2023	NA	5.6	NA	NA	NA	NA	NA	NA	NA	NA	91	0.58	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NVA
B63 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank @ 10ft	7/21/2023	ND	1.8	NA	NA	85	ND	ND	14	3.0	6.0	3.0	NA	NA	ND	7.3	ND	ND	ND	23	19	ND	NA	NA
Tank @ 13ft-8in	7/21/2023	ND	2.0	NA	NA	110	ND	ND	18	3.9	8.0	5.5	NA	NA	ND	10	ND	ND	ND	31	26	ND	NA	NA
TTLC Hazardous Levels		500	500	500	500	10,000	75	100	2,500	8,000	2,500	1,000	1,000	1,000	3,500	2,000	100	500	700	2,400	5,000	20	500	--
EPA Regional Screening Level-May 2023 Resident Soil		31	0.68	--	--	15000	160	7.1	120,000	23	3,100	400	--	--	390	1,500	390	390	0.78	390	23,000	11	0.3	--
DTSC HERO Note 3 2022		NA	0.41	--	--	NA	16	7.1	230	NA	NA	80	--	--	NA	820	NA	NA	NA	NA	NA	1.0	--	--

Notes:
mg/kg = milligrams per kilogram
mg/L = milligrams per liter

*Naphth 8.8, Ethylbenz 0.28, xyl 0.99, 1,2,4-TMB 4.5, see lab report for others
NA = not analyzed
For soil reuse, arsenic <12.0 mg/kg, lead <80 mg/kg.
Regional Screening Level (RSL) Summary Table May 2023
J = Reported value is estimated

123 = Equals or Exceeds LAUSD limit
ND = not detected
For soil reuse, Hex Chrome concentrations must be less than 15 mg/kg
HERO - Note 3: Table 1. DTSC Recommended Screening Levels for Soil - 2022
NA* = not analyzed due to duplicate sample

Table 4
Soil Analytical Results PAHs, VOCs, TPH, PCBs
Irving Middle School

SAMPLE LOCATION AND DEPTH	Date	8270C-SIM															8260B	8015B	8015M		8082			
		1-Methylnapthalene (mg/kg)	2-Methylnapthalene (mg/kg)	Napthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)	Benzo(a)anthracene (mg/kg)	Chrysene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(a)pyrene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	VOCs (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C44 (mg/kg)	PCBs (mg/kg)
B1 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B2 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5 - 0.5ft	5/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B5 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B7 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B8 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B9 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B10 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B10 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B11 - 0.5ft	5/21/2023	ND	ND	ND	ND	ND	ND	ND	0.013	0.017	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B12 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B12 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13D - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B15 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16 - 0.5ft	5/20/2023	0.069	0.19	0.47	ND	0.048	0.058	0.150	0.039	0.063	0.048	ND	0.012	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B17 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B19 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B20 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B21 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B22 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B22D - 0.5ft	5/20/2023	0.110	0.33	0.59	ND	0.059	0.074	0.19	0.053	0.054	0.042	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B23 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B24 - 0.5ft	5/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B25 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B26 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B27 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28D - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B29 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B30 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B31 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B31 - 2.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B32 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B32 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B33 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34D - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B35 - 0.5ft	5/21/2023	ND	ND	ND	ND	ND	ND	ND	0.013	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B36 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B37 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B38 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B39 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B40 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B41 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B42 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B43 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B44 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B45 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B46 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Soil Analytical Results PAHs, VOCs, TPH, PCBs
Irving Middle School

SAMPLE LOCATION AND DEPTH	Date	8270C-SIM																		8260B	8015B	8015M		8082
		1-Methylnapthalene (mg/kg)	2-Methylnapthalene (mg/kg)	Napthalene (mg/kg)	Acenaphthylene (mg/kg)	Acenaphthene (mg/kg)	Fluorene (mg/kg)	Phenanthrene (mg/kg)	Anthracene (mg/kg)	Fluoranthene (mg/kg)	Pyrene (mg/kg)	Benzo(a)anthracene (mg/kg)	Chrysene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(a)pyrene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Dibenz(a,h)anthracene (mg/kg)	Benzo(g,h,i)perylene (mg/kg)	VOCs (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C28 (mg/kg)	ORO C28-C44 (mg/kg)	PCBs (mg/kg)
B47 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B47D - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B48 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	0.024	ND	ND	0.021	ND	0.020	0.023	ND	0.035	NA	NA	NA	NA	NA	ND
B48-2.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B49 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B50 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B51 - 0.5ft	5/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
B51D - 0.5ft	5/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
B52 - 0.5ft	5/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B53 - 0.5ft	5/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
B54 - 0.5ft	5/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B55 - 0.5ft	5/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B56 - 0.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	60	NA
B56 - 2.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B57 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	NA	NA
B58 - 0.5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	200	NA
B58 - 2.5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA
B58 - 5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA
B59 - 0.5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	160	NA
B59 - 2.5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA
B59 - 5ft	6/23/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA
B60 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B61 - 0.5ft	5/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND
B62 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B63 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B63 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tank @ 10ft	7/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Table 6	ND	23	ND	NA	NA
Tank @ 13ft-8in	7/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Table 6	77	3400	140	NA	NA
TTL Hazardous Levels		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EPA Regional Screening Level-May 2023 Resident Soil		18	NA	2	1.4	3600	2400	--	1800	3400	1800	1.1	110	1.1	11	0.1	1.1	0.1	--	--	82, Aliphatic	110, Aliphatic	2500, Aliphatic	--
DTSC HERO Note 3 2022		--	--	--	--	--	2,300	--	17,000	2,400	1,800	--	18.0	--	--	--	--	--	--	--	--	--	--	--

Notes:
mg/kg = milligrams per kilogram
mg/L = milligrams per liter

Notes:
*Naphth 8,8, Ethylbenz 0.28, xyl 0.99, 1,2,4-TMB 4.5, see lab report for others
NA = not analyzed
For soil reuse, arsenic <12.0 mg/kg, lead <80 mg/kg.
Regional Screening Level (RSL) Summary Table May 2023
J = Reported value is estimated

ND = not detected
For soil reuse, Hex Chrome concentrations must be less than 15 mg/kg
HERO - Note 3: Table 1. DTSC Recommended Screening Levels for Soil - 2022
NA* = not analyzed due to duplicate sample

Table 5
Soil Analytical Results - OCPs
Irving Middle School

SAMPLE LOCATION	Date	8081A Organochlorine Pesticides (OCPs)			
		4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Chlordane (mg/kg)
B1 B2 B3 Comp - 0.5ft	5/21/2023	ND	ND	ND	ND
B4 B5 Comp - 0.5ft	5/21/2023	ND	ND	0.017	0.39
B6 B7 Comp - 0.5ft	5/21/2023	ND	ND	ND	0.069
B8 B9 Comp - 0.5ft	5/21/2023	ND	ND	ND	ND
B10 B11 Comp - 0.5 ft	5/21/2023	ND	ND	0.0049	0.093
B12 B13 Comp - 0.5ft	5/21/2023	ND	0.11	0.067	0.097
B14 B15 Comp - 0.5ft	5/20/2023	ND	ND	0.014	ND
B16 B17 Comp - 0.5ft	5/20/2023	ND	ND	ND	ND
B18 B19 Comp - 0.5ft	5/20/2023	ND	ND	ND	ND
B20 B21 Comp - 0.5ft	5/20/2023	ND	ND	ND	ND
B22 B23 Comp - 0.5ft	5/20/2023	ND	ND	ND	ND
B24 B25 Comp - 0.5ft	5/21/2023	ND	ND	ND	ND
B26 B27 Comp - 0.5ft	5/21/2023	ND	ND	ND	ND
B28 B29 Comp - 0.5ft	5/20/2023	ND	ND	ND	0.067
B33 B34 Comp - 0.5ft	5/21/2023	ND	ND	ND	ND
B35 B41 Comp - 0.5ft	5/23/2023	ND	ND	ND	ND
B36 B40 Comp - 0.5ft	5/23/2023	ND	ND	ND	ND
B37 B39 Comp - 0.5ft	5/23/2023	ND	ND	ND	ND
B38 B42 B43 Comp - 0.5ft	5/23/2023	ND	ND	ND	ND
B44 B45 Comp - 0.5ft	5/20/2023	ND	ND	0.0063	ND
B46 B47 B48 Comp - 0.5ft	5/20/2023	ND	0.048	0.040	ND
B49 B53 Comp - 0.5 ft	5/23/2023	ND	ND	ND	ND
B50 B51 B54 Comp - 0.5ft	5/23/2023	ND	ND	ND	ND
B52 B55 Comp - 0.5ft	5/23/2023	ND	ND	ND	ND
B60 B61 Comp - 0.5ft	5/21/2023	ND	ND	ND	ND
B62 B63 Comp -0.5ft	5/21/2023	ND	ND	ND	ND
EPA RSL May 2023 - Residential Soil		2.3	2	1.7	1.7

Notes:

mg/kg = milligrams per kilogram

NA = not analyzed




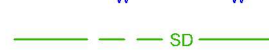
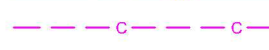




ND = not detected

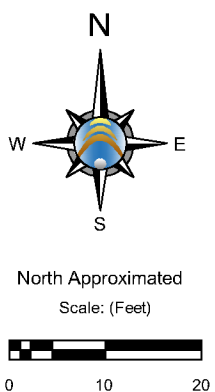
Table 6
Soil Analytical Results - VOCs
Irving Middle School

SAMPLE LOCATION AND DEPTH	Date	8260B VOCs																
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	xylenes (mg/kg)	MTBE (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	1,2,4-Trimethylbenzene (mg/kg)	1,3,5-Trimethylbenzene (mg/kg)	Naphthalene (mg/kg)	iso-proparylbenzene (mg/kg)	Para-isopropyl Toluene (mg/kg)	propylbenzene (mg/kg)	sec-Butylbenzene (mg/kg)	n-Butylbenzene (ug/kg)
B56 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B56 - 2.5ft	5/20/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B57 - 0.5ft	5/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B58 - 0.5ft	6/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B58 - 2.5ft	6/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B58 - 5ft	6/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B59 - 0.5ft	6/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B59 - 2.5ft	6/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B59 - 5ft	6/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
B60 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B61 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B62 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B63 - 0.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
B63 - 2.5ft	5/21/2023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Tank @ 10ft	7/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.015	ND	ND	ND	ND	
Tank @ 13ft-8in	7/21/2023	ND	ND	0.28	0.99	ND	ND	ND	ND	ND	4.5	0.92	8.8	0.19	0.66	0.46	0.49	0.88
EPA Regional Screening Level-May 2023 Resident Soil		1,200	4900	5.8	580	47	2200	--	--	--	300	270	--	--	--	3800	7800	3900
DTSC HERO Note 3 2022		0.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,200	2,400


Notes:
mg/kg = milligrams per kilogram
ND = not detected



-  Area of Investigation
-  EM-61 Anomaly
-  Electric
-  Water
-  Storm Drain
-  Conduit
-  Trend Not Determined
-  Fence
-  Light



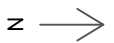
***Note: Not all below ground utilities or features may be represented on this map

 <p>spectrum geophysics REVEALING THE SUBSURFACE</p>	<p>Geophysical Interpretation Map</p>		<p>FIGURE NO.</p> <p>1</p>
	<p>PROJECT Washington Irving Middle School 3010 Estarta Ave. Los Angeles, CA</p>		<p>PROJECT NO.</p> <p>7756</p>
<p>8216 LANKERSHIM BLVD. #12 NORTH HOLLYWOOD, CA 91605 Phone: (818) 886-4500 www.spectrum-geophysics.com</p>	<p>PREPARED FOR CES Group Temecula, CA</p>	<p>SCALE 1 inch = 20 feet</p>	<p>FIGURE BY CDE</p>
	<p>REVIEWED BY BAU</p>	<p>DATE 6/30/2023</p>	





- NOTES:
- GRID SOIL SAMPLES – PAVED AREAS
 - SOIL SAMPLES – TANK/INCINERATOR/LIQUIDS
 - SOIL SAMPLES – BUILDING AREAS
 - DEEP SOIL SAMPLES



PHONE: (951) 808-8585/(951) 848-9812 (FAX)

PEA SAMPLE LOCATIONS
 IRVING MIDDLE SCHOOL
 LOS ANGELES, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO.:
APPROVED BY:	DATE: 8/21/23	SCALE: AS SHOWN

FIGURE 2



- NOTES:
- GRID SOIL SAMPLES – PAVED AREAS
 - SOIL SAMPLES – TANK/INCINERATOR/LIQUIDS
 - SOIL SAMPLES – BUILDING AREAS
 - DEEP SOIL SAMPLES
 - CES Sampling Results



PHONE: (951) 808-8585/(951) 848-9812 (FAX)

PEA SAMPLE LOCATIONS AND RESULTS

IRVING MIDDLE SCHOOL
LOS ANGELES, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO.:
APPROVED BY:	DATE: 8/21/23	SCALE: AS SHOWN

FIGURE 3

Appendix A

	A	B	C	D	E	F	G	H	I	J	K	L
1	Nonparametric UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			ProUCL 5.16/22/2023 11:38:56 AM								
5	From File			WorkSheet.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11	C0											
12												
13	General Statistics											
14	Total Number of Observations				61		Number of Distinct Observations				36	
15							Number of Missing Observations				1	
16	Minimum				5.1		Mean				31.38	
17	Maximum				190		Median				18	
18	SD				39.83		Std. Error of Mean				5.1	
19	Coefficient of Variation				1.269		Skewness				2.937	
20	Mean of logged Data				2.989		SD of logged Data				0.882	
21												
22	Nonparametric Distribution Free UCL Statistics											
23	Data do not follow a Discernible Distribution (0.05)											
24												
25	Assuming Normal Distribution											
26	95% Normal UCL					95% UCLs (Adjusted for Skewness)						
27	95% Student's-t UCL			39.9		95% Adjusted-CLT UCL (Chen-1995)				41.82		
28						95% Modified-t UCL (Johnson-1978)				40.22		
29												
30	Nonparametric Distribution Free UCLs											
31	95% CLT UCL			39.77		95% Jackknife UCL				39.9		
32	95% Standard Bootstrap UCL			39.9		95% Bootstrap-t UCL				44.07		
33	95% Hall's Bootstrap UCL			43.08		95% Percentile Bootstrap UCL				40.24		
34	95% BCA Bootstrap UCL			41.22								
35	90% Chebyshev(Mean, Sd) UCL			46.68		95% Chebyshev(Mean, Sd) UCL				53.61		
36	97.5% Chebyshev(Mean, Sd) UCL			63.23		99% Chebyshev(Mean, Sd) UCL				82.12		
37												
38	Suggested UCL to Use											
39	95% Chebyshev (Mean, Sd) UCL			53.61								
40												
41	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
42	Recommendations are based upon data size, data distribution, and skewness.											
43	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
44	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
45												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Nonparametric UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			ProUCL 5.16/13/2023 2:39:14 PM								
5	From File			WorkSheet.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11	C0											
12												
13	General Statistics											
14	Total Number of Observations				67		Number of Distinct Observations				42	
15							Number of Missing Observations				1	
16	Minimum				2.3		Mean				9.41	
17	Maximum				100		Median				5.4	
18	SD				14.67		Std. Error of Mean				1.793	
19	Coefficient of Variation				1.559		Skewness				4.525	
20	Mean of logged Data				1.824		SD of logged Data				0.743	
21												
22	Nonparametric Distribution Free UCL Statistics											
23	Data do not follow a Discernible Distribution (0.05)											
24												
25	Assuming Normal Distribution											
26	95% Normal UCL						95% UCLs (Adjusted for Skewness)					
27	95% Student's-t UCL			12.4			95% Adjusted-CLT UCL (Chen-1995)			13.42		
28							95% Modified-t UCL (Johnson-1978)			12.57		
29												
30	Nonparametric Distribution Free UCLs											
31	95% CLT UCL			12.36			95% Jackknife UCL			12.4		
32	95% Standard Bootstrap UCL			12.26			95% Bootstrap-t UCL			15.64		
33	95% Hall's Bootstrap UCL			14.39			95% Percentile Bootstrap UCL			12.65		
34	95% BCA Bootstrap UCL			13.99								
35	90% Chebyshev(Mean, Sd) UCL			14.79			95% Chebyshev(Mean, Sd) UCL			17.23		
36	97.5% Chebyshev(Mean, Sd) UCL			20.61			99% Chebyshev(Mean, Sd) UCL			27.25		
37												
38	Suggested UCL to Use											
39	95% Chebyshev (Mean, Sd) UCL			17.23								
40												
41	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
42	Recommendations are based upon data size, data distribution, and skewness.											
43	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
44	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
45												

	A	B	C	D	E	F	G	H	I	J	K	L
1	Gamma UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			ProUCL 5.110/2/2023 10:56:08 AM								
5	From File			WorkSheet_f.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8	Number of Bootstrap Operations			2000								
9												
10												
11	C0											
12												
13	General Statistics											
14	Total Number of Observations				56		Number of Distinct Observations				35	
15							Number of Missing Observations				1	
16	Minimum				2.3		Mean				5.798	
17	Maximum				13		Median				5.15	
18	SD				2.865		SD of logged Data				0.447	
19	Coefficient of Variation				0.494		Skewness				1.277	
20												
21	Gamma GOF Test											
22	A-D Test Statistic				1.13		Anderson-Darling Gamma GOF Test					
23	5% A-D Critical Value				0.753		Data Not Gamma Distributed at 5% Significance Level					
24	K-S Test Statistic				0.0935		Kolmogorov-Smirnov Gamma GOF Test					
25	5% K-S Critical Value				0.119		Data appear Gamma Distributed at 5% Significance Level					
26	Data appear to Follow Approximate Gamma Distribution at 5% Significance Level											
27												
28	Gamma Statistics											
29	k hat (MLE)				4.993		k star (bias corrected MLE)				4.738	
30	Theta hat (MLE)				1.161		Theta star (bias corrected MLE)				1.224	
31	nu hat (MLE)				559.2		nu star (bias corrected)				530.6	
32	MLE Mean (bias corrected)				5.798		MLE Sd (bias corrected)				2.664	
33							Approximate Chi Square Value (0.05)				478.2	
34	Adjusted Level of Significance				0.0457		Adjusted Chi Square Value				476.9	
35												
36	Assuming Gamma Distribution											
37	95% Approximate Gamma UCL (use when n>=50)				6.434		95% Adjusted Gamma UCL (use when n<50)				6.451	
38												
39	Suggested UCL to Use											
40	95% Approximate Gamma UCL				6.434							
41												
42	When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test											
43	When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL											
44												
45	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
46	Recommendations are based upon data size, data distribution, and skewness.											
47	These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).											
48	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
49												

Appendix B



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485621
Report Level: II
Report Date: 06/19/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: Project No: Location: Date Received:	485621 IRVING MS 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1 05/23/23
---	--	---

Sample ID	Lab ID	Collected	Matrix
B60-0.5FT	485621-001	05/21/23 07:55	Soil
B60-2.5FT	485621-002	05/21/23 08:10	Soil
B61-0.5FT	485621-003	05/21/23 08:15	Soil
B61-2.5FT	485621-004	05/21/23 08:20	Soil
B60-0.5FT, B61-0.5FT COMPOSITE	485621-005	05/21/23 00:00	Soil
B62-0.5FT	485621-006	05/21/23 07:30	Soil
B62-2.5FT	485621-007	05/21/23 07:35	Soil
B63-0.5FT	485621-008	05/21/23 07:45	Soil
B63-2.5FT	485621-009	05/21/23 07:50	Soil
B62-0.5FT, B63-0.5FT COMPOSITE	485621-010	05/21/23 00:00	Soil

Case Narrative

CES Group, Inc.	Lab Job	485621
33175 Temecula	Number:	
Pkwy	Project No:	IRVING MS
Ste. A-734	Location:	3010 Estara Ave., Los Angeles, CA 90065 - Supplemental
Temecula, CA	Report 1	
92592	Date	05/23/23
Skye Greene	Received:	

- This data package contains sample and QC results for five soil samples and two two-point soil composites, requested for the above referenced project on 05/23/23. The samples were received cold and intact.
- Supplemental Report 1 - Additional analyses requested on 06/08/23 are now reported.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- B61-0.5FT (lab # 485621-003) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- B60-0.5FT, B61-0.5FT COMPOSITE (lab # 485621-005) and B62-0.5FT, B63-0.5FT COMPOSITE (lab # 485621-010) were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- B61-0.5FT (lab # 485621-003) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A) Soil:

- High response was observed for thallium in the ICV analyzed 06/13/23 09:20; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 18:13; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 18:54; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 19:35; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 20:14; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD of B60-0.5FT (lab # 485621-001); the LCS was within limits, and the associated RPD was within limits. High recoveries were observed for lead and zinc in the MSD of B60-0.5FT (lab # 485621-001); the LCS was within limits. High RPD was also observed for lead and zinc in the MS/MSD of B60-0.5FT (lab # 485621-001).
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPY ANALYTICAL, INC.
806 N. Batavia St., Orange, CA 92868
Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
c/o Montrose Environmental Group
1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
Lab No: 485621
Page: 1 of 1

Standard: X
4 Day: 3 Day:
1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
FL = Food Liquid FS = Food Solid L = Liquid
PP = Pure Product S = Solid SeaW = Sea Water
SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
Report To: Skye Green Quote No. CES030223A
Email: sgreene@cesgroup.co P.O. #: 34423
Address: 33175 Temecula Pkwy, Suite A-734
Temecula, CA 92592
Phone: 714-398-6363 Global ID:
Fax: 951-848-9812 Sampled By: D. Baysa

PROJECT INFORMATION

Analysis Request
Lead (60108) X X
Arsenic (6020) X X
PLM - Asbestos (Presence/Absence) X X
Organochlorine Pesticides (8081A) X X
PCBs (8082) X X
Title 22 Metals (60108/7471A) X X
Hex Chrom 7199 X X
PAHs (Low Level) 8270 SIM X X

Test Instructions / Comments

Analyze 0.5' samples. Hold deeper samples.
20/1.7

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B60 - 0.5ft	05/21/23	7:55 AM	S	1/8oz, 1/2oz	
2 B60 - 2.5ft	05/21/23	8:10 AM	S	1/8oz	X
3 B61 - 0.5ft	05/21/23	8:15 AM	S	1/8oz, 1/2oz	X
4 B61 - 2.5ft	05/21/23	8:20 AM	S	1/8oz	X
5 B60 - 0.5ft, B61 - 0.5ft Composite	05/21/23		S		
6 B62 - 0.5ft	05/21/23	7:30 AM	S	1/8oz, 1/2oz	
7 B62 - 2.5ft	05/21/23	7:35 AM	S	1/8oz	X
8 B63 - 0.5ft	05/21/23	7:45 AM	S	1/8oz, 1/2oz	X
9 B63 - 2.5ft	05/21/23	7:50 AM	S	1/8oz	X
10 B62 - 0.5ft, B63 - 0.5ft Composite	05/21/23		S		

Signature: *[Signature]* Print Name: Danny Baysa

1 Relinquished By: *[Signature]* Company / Title: CES Group / Field Supervisor Date / Time: 5/23/23 11:55
1 Received By: *[Signature]* Date / Time: 5-23-23 11:55
2 Relinquished By: *[Signature]*
2 Received By: *[Signature]*



ENTHALPY

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: CES Group Project: Invis MS
 Date Received: 5/23/23 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 2.0 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): _____ / _____
 Project Manager's response:

Completed By: [Signature] Date: 5/23/23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Additional Analyses

1 message

Skye Green <sgreen@cesgroup.co>

Thu, Jun 8, 2023 at 12:32 PM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Cc: Danny Baysa <dbaysa@cesgroup.co>, "jbaysa.cesgroup" <jbaysa.cesgroup@gmail.com>

Ranjit,

Can we run the following additional analyses for the Irving Middle School project...

B5-0.5' – Arsenic 13 mg/kg, Lead 190 mg/kg – Run STLC and TCLP for lead on B5-0.5ft, Run B5-2.5ft for lead and arsenic

B7-0.5' – Lead 73 mg/kg – Run STLC for lead on B7-0.5ft

B11-0.5' – lead 170 mg/kg, Arsenic 12 mg/kg, low level PAHs – Run STLC and TCLP for lead on B11-0.5ft, Run B11-2.5ft for lead and arsenic

B12-0.5' – Lead 61 mg/kg, Arsenic 50 mg/kg – Run STLC for lead and As on B12-0.5ft, Run B12-2.5ft for lead and arsenic

B13-0.5' – Arsenic 12 mg/kg – Run B13-2.5ft for Arsenic

B19-0.5' – Asbestos present – Quantify Asbestos – Run B19-2.5ft for Asbestos (Quantify if present)

B-22-0.5' – Asbestos present – Quantify Asbestos – Run B-22-2.5ft for Asbestos (Quantify if present)

B31-0.5' – Arsenic 52 mg/kg – Run STLC for As on B31-0.5ft, Run B31-2.5ft for Arsenic

B32-0.5' – Lead 190 mg/kg – Run STLC and TCLP on B32-0.5ft, Run B32-2.5ft for lead

B47-0.5' – Lead 55 mg/kg, Arsenic 15 mg/kg – Run STLC for lead on B47-0.5ft, Run B47-2.5ft for lead and arsenic

B48-0.5' – Arsenic 13 mg/kg, low level PAHs – Run B48-2.5ft for Arsenic

B56-0.5' – Arsenic 100 mg/kg, ORO 20 mg/kg Run STLC and TCLP for arsenic on B56-0.5ft, run B56-2.5ft for arsenic

B60-0.5' – Lead 60 mg/kg – Run STLC for lead on B60-0.5ft

B62-0.5' – Lead 62 mg/kg – Run STLC for lead on B62-0.5ft

B63-0.5' – Lead 91 mg/kg – Run STLC for lead on B63-0.5ft, Run B63-2.5ft for lead

Skye Green, PE

CES Group Inc

CES/Novacom/ERG

714-398-6363 mobile

951-808-8585 office

951-848-9812 fax

Analysis Results for 485621

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485621
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles,
 CA 90065 - Supplemental Report 1
 Date Received: 05/23/23

Sample ID: B60-0.5FT Lab ID: 485621-001 Collected: 05/21/23 07:55

485621-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	60		mg/Kg	0.97	Soil	0.97	314749	05/25/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	0.39		mg/L	0.15	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	3.3		mg/Kg	0.95	Soil	0.95	314751	05/25/23	05/25/23	JCP

Analysis Results for 485621

Sample ID: B61-0.5FT	Lab ID: 485621-003	Collected: 05/21/23 08:15
Matrix: Soil		

485621-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314749	05/25/23	05/25/23	THP
Barium	130		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Beryllium	ND		mg/Kg	0.48	0.96	314749	05/25/23	05/25/23	THP
Cadmium	2.5		mg/Kg	0.48	0.96	314749	05/25/23	05/25/23	THP
Chromium	17		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Cobalt	7.4		mg/Kg	0.48	0.96	314749	05/25/23	05/25/23	THP
Copper	17		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Lead	18		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Molybdenum	3.7		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Nickel	19		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Selenium	ND		mg/Kg	2.9	0.96	314749	05/25/23	05/25/23	THP
Silver	ND		mg/Kg	0.48	0.96	314749	05/25/23	05/25/23	THP
Thallium	ND		mg/Kg	2.9	0.96	314749	05/25/23	05/25/23	THP
Vanadium	48		mg/Kg	0.96	0.96	314749	05/25/23	05/25/23	THP
Zinc	75		mg/Kg	4.8	0.96	314749	05/25/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.5		mg/Kg	0.98	0.98	314751	05/25/23	05/26/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	315126	06/01/23 09:51	06/01/23 14:31	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1221	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1232	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1242	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1248	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1254	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1260	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1262	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Aroclor-1268	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Surrogates	Limits								
Decachlorobiphenyl (PCB)	90%		%REC	19-121	5	314754	05/25/23	05/26/23	TRN
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW

Analysis Results for 485621

485621-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Pyrene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	314752	05/25/23	05/25/23	TJW
Surrogates				Limits					
Nitrobenzene-d5	75%		%REC	27-125	10	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	84%		%REC	30-120	10	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	95%		%REC	33-155	10	314752	05/25/23	05/25/23	TJW

Analysis Results for 485621

Sample ID: B60-0.5FT, B61-0.5FT COMPOSITE	Lab ID: 485621-005 Matrix: Soil	Collected: 05/21/23
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485621-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
beta-BHC	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
gamma-BHC	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
delta-BHC	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Heptachlor	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Aldrin	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Heptachlor epoxide	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Endosulfan I	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Dieldrin	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
4,4'-DDE	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Endrin	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Endosulfan II	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Endosulfan sulfate	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
4,4'-DDD	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Endrin aldehyde	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Endrin ketone	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
4,4'-DDT	ND		ug/Kg	25	5	314754	05/25/23	05/26/23	TRN
Methoxychlor	ND		ug/Kg	50	5	314754	05/25/23	05/26/23	TRN
Toxaphene	ND		ug/Kg	500	5	314754	05/25/23	05/26/23	TRN
Chlordane (Technical)	ND		ug/Kg	250	5	314754	05/25/23	05/26/23	TRN
Surrogates	Limits								
TCMX	89%		%REC	23-120	5	314754	05/25/23	05/26/23	TRN
Decachlorobiphenyl	97%		%REC	24-120	5	314754	05/25/23	05/26/23	TRN

Sample ID: B62-0.5FT	Lab ID: 485621-006	Collected: 05/21/23 07:30
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485621-006 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	62		mg/Kg	0.98	Soil	0.98	314749	05/25/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	0.77		mg/L	0.15	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	5.6		mg/Kg	0.96	Soil	0.96	314751	05/25/23	05/26/23	JCP

Analysis Results for 485621

Sample ID: B63-0.5FT Lab ID: 485621-008 Collected: 05/21/23 07:45

485621-008 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	91		mg/Kg	0.95	Soil	0.95	314749	05/25/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	0.58		mg/L	0.15	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	5.6		mg/Kg	0.98	Soil	0.98	314751	05/25/23	05/26/23	JCP

Sample ID: B63-2.5FT Lab ID: 485621-009 Collected: 05/21/23 07:50
Matrix: Soil

485621-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.98	0.98	315966	06/13/23	06/13/23	SBW

Analysis Results for 485621

Sample ID: B62-0.5FT, B63-0.5FT COMPOSITE	Lab ID: 485621-010 Matrix: Soil	Collected: 05/21/23
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485621-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
beta-BHC	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
gamma-BHC	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
delta-BHC	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Heptachlor	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Aldrin	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Heptachlor epoxide	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Endosulfan I	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Dieldrin	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
4,4'-DDE	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Endrin	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Endosulfan II	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Endosulfan sulfate	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
4,4'-DDD	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Endrin aldehyde	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Endrin ketone	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
4,4'-DDT	ND		ug/Kg	25	4.9	314754	05/25/23	05/26/23	TRN
Methoxychlor	ND		ug/Kg	49	4.9	314754	05/25/23	05/26/23	TRN
Toxaphene	ND		ug/Kg	490	4.9	314754	05/25/23	05/26/23	TRN
Chlordane (Technical)	ND		ug/Kg	250	4.9	314754	05/25/23	05/26/23	TRN
Surrogates				Limits					
TCMX	88%		%REC	23-120	4.9	314754	05/25/23	05/26/23	TRN
Decachlorobiphenyl	112%		%REC	24-120	4.9	314754	05/25/23	05/26/23	TRN

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1073641	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073641 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.15	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073642	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073642 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	4.432	4.000	mg/L	111%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1073643	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073643 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Lead	4.351	4.000	mg/L	109%		80-120	2	20

Type: Blank	Lab ID: QC1068439	Batch: 314749
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068439 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/25/23	05/25/23
Barium	ND		mg/Kg	1.0	05/25/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/25/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/25/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/25/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/25/23	05/25/23
Copper	ND		mg/Kg	1.0	05/25/23	05/25/23
Lead	ND		mg/Kg	1.0	05/25/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/25/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/25/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/25/23	05/25/23
Silver	ND		mg/Kg	0.50	05/25/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/25/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/25/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068440	Batch: 314749
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068440 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	96.16	100.0	mg/Kg	96%		80-120
Barium	104.3	100.0	mg/Kg	104%		80-120
Beryllium	101.2	100.0	mg/Kg	101%		80-120
Cadmium	93.49	100.0	mg/Kg	93%		80-120
Chromium	104.7	100.0	mg/Kg	105%		80-120
Cobalt	107.9	100.0	mg/Kg	108%		80-120
Copper	96.79	100.0	mg/Kg	97%		80-120
Lead	104.5	100.0	mg/Kg	104%		80-120
Molybdenum	100.7	100.0	mg/Kg	101%		80-120
Nickel	104.1	100.0	mg/Kg	104%		80-120
Selenium	87.75	100.0	mg/Kg	88%		80-120
Silver	46.87	50.00	mg/Kg	94%		80-120
Thallium	115.6	100.0	mg/Kg	116%	b	80-120
Vanadium	104.4	100.0	mg/Kg	104%		80-120
Zinc	109.1	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC1068441	Batch: 314749
Matrix (Source ID): Soil (485621-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068441 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	36.39	2.121	98.04	mg/Kg	35%	*	75-125	0.98
Barium	218.9	130.3	98.04	mg/Kg	90%		75-125	0.98
Beryllium	95.64	0.5678	98.04	mg/Kg	97%		75-125	0.98
Cadmium	91.42	0.4712	98.04	mg/Kg	93%		75-125	0.98
Chromium	120.6	21.35	98.04	mg/Kg	101%		75-125	0.98
Cobalt	106.6	7.546	98.04	mg/Kg	101%		75-125	0.98
Copper	115.2	17.41	98.04	mg/Kg	100%		75-125	0.98
Lead	157.2	59.97	98.04	mg/Kg	99%		75-125	0.98
Molybdenum	90.82	0.6491	98.04	mg/Kg	92%		75-125	0.98
Nickel	113.9	16.32	98.04	mg/Kg	100%		75-125	0.98
Selenium	81.29	ND	98.04	mg/Kg	83%		75-125	0.98
Silver	43.47	ND	49.02	mg/Kg	89%		75-125	0.98
Thallium	103.7	1.101	98.04	mg/Kg	105%	b	75-125	0.98
Vanadium	157.6	49.99	98.04	mg/Kg	110%		75-125	0.98
Zinc	268.6	184.0	98.04	mg/Kg	86%		75-125	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068442	Batch: 314749
Matrix (Source ID): Soil (485621-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068442 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	35.50	2.121		98.04	mg/Kg	34%	*	75-125	2	41	0.98
Barium	242.9	130.3		98.04	mg/Kg	115%		75-125	10	20	0.98
Beryllium	93.70	0.5678		98.04	mg/Kg	95%		75-125	2	20	0.98
Cadmium	90.79	0.4712		98.04	mg/Kg	92%		75-125	1	20	0.98
Chromium	120.5	21.35		98.04	mg/Kg	101%		75-125	0	20	0.98
Cobalt	107.1	7.546		98.04	mg/Kg	102%		75-125	1	20	0.98
Copper	116.2	17.41		98.04	mg/Kg	101%		75-125	1	20	0.98
Lead	196.3	59.97		98.04	mg/Kg	139%	*	75-125	22*	20	0.98
Molybdenum	89.82	0.6491		98.04	mg/Kg	91%		75-125	1	20	0.98
Nickel	114.8	16.32		98.04	mg/Kg	100%		75-125	1	20	0.98
Selenium	80.66	ND		98.04	mg/Kg	82%		75-125	1	20	0.98
Silver	42.17	ND		49.02	mg/Kg	86%		75-125	3	20	0.98
Thallium	102.8	1.101		98.04	mg/Kg	104%	b	75-125	1	20	0.98
Vanadium	157.9	49.99		98.04	mg/Kg	110%		75-125	0	20	0.98
Zinc	402.8	184.0		98.04	mg/Kg	223%	*	75-125	40*	20	0.98

Type: Post Digest Spike	Lab ID: QC1068443	Batch: 314749
Matrix (Source ID): Soil (485621-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068443 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	DF	
		Result								
Antimony	92.41	2.121		97.09	mg/Kg	93%		75-125		0.97
Barium	224.2	130.3		97.09	mg/Kg	97%		75-125		0.97
Beryllium	96.34	0.5678		97.09	mg/Kg	99%		75-125		0.97
Cadmium	91.01	0.4712		97.09	mg/Kg	93%		75-125		0.97
Chromium	117.4	21.35		97.09	mg/Kg	99%		75-125		0.97
Cobalt	105.3	7.546		97.09	mg/Kg	101%		75-125		0.97
Copper	112.8	17.41		97.09	mg/Kg	98%		75-125		0.97
Lead	152.4	59.97		97.09	mg/Kg	95%		75-125		0.97
Molybdenum	97.62	0.6491		97.09	mg/Kg	100%		75-125		0.97
Nickel	110.6	16.32		97.09	mg/Kg	97%		75-125		0.97
Selenium	84.66	ND		97.09	mg/Kg	87%		75-125		0.97
Silver	43.73	ND		48.54	mg/Kg	90%		75-125		0.97
Thallium	104.3	1.101		97.09	mg/Kg	106%	b	75-125		0.97
Vanadium	145.8	49.99		97.09	mg/Kg	99%		75-125		0.97
Zinc	275.5	184.0		97.09	mg/Kg	94%		75-125		0.97

Batch QC

Type: Blank	Lab ID: QC1072611	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072611 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	06/13/23	06/13/23

Type: Lab Control Sample	Lab ID: QC1072612	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072612 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	105.7	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1072613	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072613 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	105.7	5.867	95.24	mg/Kg	105%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1072614	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	105.2	5.867	96.15	mg/Kg	103%		75-125	1	20	0.96

Type: Post Digest Spike	Lab ID: QC1072615	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	110.4	5.867	98.04	mg/Kg	107%		75-125	0.98

Type: Blank	Lab ID: QC1068449	Batch: 314751
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068449 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068450	Batch: 314751
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068450 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	113.8	100.0	mg/Kg	114%		80-120

Type: Matrix Spike	Lab ID: QC1068451	Batch: 314751
Matrix (Source ID): Soil (485621-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068451 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	106.0	3.320	97.09	mg/Kg	106%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068452	Batch: 314751
Matrix (Source ID): Soil (485621-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068452 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	104.6	3.320	97.09	mg/Kg	104%		75-125	1	20	0.97

Type: Post Digest Spike	Lab ID: QC1068453	Batch: 314751
Matrix (Source ID): Soil (485621-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068453 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	113.1	3.320	95.24	mg/Kg	115%		75-125	0.95

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Batch QC

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068309	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068309 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068310	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068310 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8328	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068311	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068311 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8446	0.04288	0.8475	mg/Kg	95%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068312	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8576	0.04288	0.8621	mg/Kg	95%		75-125	0	20	1

Batch QC

Type: Blank	Lab ID: QC1068465	Batch: 314754
Matrix: Soil		

QC1068465 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	4.9	05/25/23	05/25/23
beta-BHC	ND		ug/Kg	4.9	05/25/23	05/25/23
gamma-BHC	ND		ug/Kg	4.9	05/25/23	05/25/23
delta-BHC	ND		ug/Kg	4.9	05/25/23	05/25/23
Heptachlor	ND		ug/Kg	4.9	05/25/23	05/25/23
Aldrin	ND		ug/Kg	4.9	05/25/23	05/25/23
Heptachlor epoxide	ND		ug/Kg	4.9	05/25/23	05/25/23
Endosulfan I	ND		ug/Kg	4.9	05/25/23	05/25/23
Dieldrin	ND		ug/Kg	4.9	05/25/23	05/25/23
4,4'-DDE	ND		ug/Kg	4.9	05/25/23	05/25/23
Endrin	ND		ug/Kg	4.9	05/25/23	05/25/23
Endosulfan II	ND		ug/Kg	4.9	05/25/23	05/25/23
Endosulfan sulfate	ND		ug/Kg	4.9	05/25/23	05/25/23
4,4'-DDD	ND		ug/Kg	4.9	05/25/23	05/25/23
Endrin aldehyde	ND		ug/Kg	4.9	05/25/23	05/25/23
Endrin ketone	ND		ug/Kg	4.9	05/25/23	05/25/23
4,4'-DDT	ND		ug/Kg	4.9	05/25/23	05/25/23
Methoxychlor	ND		ug/Kg	9.8	05/25/23	05/25/23
Toxaphene	ND		ug/Kg	98	05/25/23	05/25/23
Chlordane (Technical)	ND		ug/Kg	49	05/25/23	05/25/23
Surrogates				Limits		
TCMX	69%		%REC	23-120	05/25/23	05/25/23
Decachlorobiphenyl	51%		%REC	24-120	05/25/23	05/25/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1221	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1232	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1242	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1248	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1254	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1260	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1262	ND		ug/Kg	49	05/25/23	05/26/23
Aroclor-1268	ND		ug/Kg	49	05/25/23	05/26/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	58%		%REC	19-121	05/25/23	05/26/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068466	Batch: 314754
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1068466 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	38.41	49.36	ug/Kg	78%		22-129
beta-BHC	37.89	49.36	ug/Kg	77%		28-125
gamma-BHC	36.64	49.36	ug/Kg	74%		22-128
delta-BHC	37.36	49.36	ug/Kg	76%		24-131
Heptachlor	33.94	49.36	ug/Kg	69%		18-124
Aldrin	28.30	49.36	ug/Kg	57%		23-120
Heptachlor epoxide	34.17	49.36	ug/Kg	69%		26-120
Endosulfan I	34.10	49.36	ug/Kg	69%		25-126
Dieldrin	34.22	49.36	ug/Kg	69%		23-124
4,4'-DDE	36.12	49.36	ug/Kg	73%		28-121
Endrin	37.60	49.36	ug/Kg	76%		25-127
Endosulfan II	37.03	49.36	ug/Kg	75%		29-121
Endosulfan sulfate	35.93	49.36	ug/Kg	73%		30-121
4,4'-DDD	36.17	49.36	ug/Kg	73%		26-120
Endrin aldehyde	15.09	49.36	ug/Kg	31%		10-120
Endrin ketone	33.94	49.36	ug/Kg	69%		28-125
4,4'-DDT	34.39	49.36	ug/Kg	70%		22-125
Methoxychlor	34.75	49.36	ug/Kg	70%		28-130
Surrogates						
TCMX	36.03	49.36	ug/Kg	73%		23-120
Decachlorobiphenyl	27.81	49.36	ug/Kg	56%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068517	Batch: 314754
Matrix (Source ID): Soil (485749-007)	Method: EPA 8081A	Prep Method: EPA 3546

QC1068517 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	38.50	ND	49.95	ug/Kg	77%		46-120	1
beta-BHC	43.22	ND	49.95	ug/Kg	87%		41-120	1
gamma-BHC	37.44	ND	49.95	ug/Kg	75%		41-120	1
delta-BHC	38.67	ND	49.95	ug/Kg	77%		38-123	1
Heptachlor	35.42	ND	49.95	ug/Kg	71%		39-120	1
Aldrin	32.68	ND	49.95	ug/Kg	65%		34-120	1
Heptachlor epoxide	36.23	ND	49.95	ug/Kg	73%		43-120	1
Endosulfan I	36.21	ND	49.95	ug/Kg	72%		45-120	1
Dieldrin	35.26	ND	49.95	ug/Kg	71%		45-120	1
4,4'-DDE	48.10	2.585	49.95	ug/Kg	91%		34-120	1
Endrin	39.22	ND	49.95	ug/Kg	79%		40-120	1
Endosulfan II	37.15	ND	49.95	ug/Kg	74%		41-120	1
Endosulfan sulfate	34.63	ND	49.95	ug/Kg	69%		42-120	1
4,4'-DDD	36.44	ND	49.95	ug/Kg	73%		41-120	1
Endrin aldehyde	31.91	ND	49.95	ug/Kg	64%		30-120	1
Endrin ketone	35.27	ND	49.95	ug/Kg	71%		45-120	1
4,4'-DDT	43.17	ND	49.95	ug/Kg	86%		35-127	1
Methoxychlor	39.97	ND	49.95	ug/Kg	80%		42-136	1
Surrogates								
TCMX	34.94		49.95	ug/Kg	70%		23-120	1
Decachlorobiphenyl	27.99		49.95	ug/Kg	56%		24-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068518	Batch: 314754
Matrix (Source ID): Soil (485749-007)	Method: EPA 8081A	Prep Method: EPA 3546

QC1068518 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	40.58	ND	49.31	ug/Kg	82%		46-120	7	30	0.99
beta-BHC	44.74	ND	49.31	ug/Kg	91%		41-120	5	30	0.99
gamma-BHC	39.21	ND	49.31	ug/Kg	80%		41-120	6	30	0.99
delta-BHC	40.04	ND	49.31	ug/Kg	81%		38-123	5	30	0.99
Heptachlor	37.93	ND	49.31	ug/Kg	77%		39-120	8	30	0.99
Aldrin	35.29	ND	49.31	ug/Kg	72%		34-120	9	30	0.99
Heptachlor epoxide	38.38	ND	49.31	ug/Kg	78%		43-120	7	30	0.99
Endosulfan I	37.78	ND	49.31	ug/Kg	77%		45-120	6	30	0.99
Dieldrin	37.38	ND	49.31	ug/Kg	76%		45-120	7	30	0.99
4,4'-DDE	51.75	2.585	49.31	ug/Kg	100%		34-120	9	30	0.99
Endrin	41.20	ND	49.31	ug/Kg	84%		40-120	6	30	0.99
Endosulfan II	38.78	ND	49.31	ug/Kg	79%		41-120	6	30	0.99
Endosulfan sulfate	35.60	ND	49.31	ug/Kg	72%		42-120	4	30	0.99
4,4'-DDD	38.47	ND	49.31	ug/Kg	78%		41-120	7	30	0.99
Endrin aldehyde	31.53	ND	49.31	ug/Kg	64%		30-120	0	30	0.99
Endrin ketone	36.70	ND	49.31	ug/Kg	74%		45-120	5	30	0.99
4,4'-DDT	46.66	ND	49.31	ug/Kg	95%		35-127	9	30	0.99
Methoxychlor	41.30	ND	49.31	ug/Kg	84%		42-136	5	30	0.99
Surrogates										
TCMX	37.38		49.31	ug/Kg	76%		23-120			0.99
Decachlorobiphenyl	29.39		49.31	ug/Kg	60%		24-120			0.99

Type: Lab Control Sample	Lab ID: QC1068519	Batch: 314754
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1068519 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	420.2	494.6	ug/Kg	85%		14-150
Aroclor-1260	393.9	494.6	ug/Kg	80%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	37.24	49.46	ug/Kg	75%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1068520	Batch: 314754
Matrix (Source ID): Soil (485621-003)	Method: EPA 8082	Prep Method: EPA 3546

QC1068520 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	438.9	ND	499.0	ug/Kg	88%		42-127	5
Aroclor-1260	455.5	ND	499.0	ug/Kg	91%		38-130	5
Surrogates								
Decachlorobiphenyl (PCB)	38.07		49.90	ug/Kg	76%		19-121	5

Type: Matrix Spike Duplicate	Lab ID: QC1068521	Batch: 314754
Matrix (Source ID): Soil (485621-003)	Method: EPA 8082	Prep Method: EPA 3546

QC1068521 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	425.4	ND	496.5	ug/Kg	86%		42-127	3	30	5
Aroclor-1260	436.8	ND	496.5	ug/Kg	88%		38-130	4	30	5
Surrogates										
Decachlorobiphenyl (PCB)	36.08		49.65	ug/Kg	73%		19-121			5

Batch QC

Type: Blank	Lab ID: QC1068454	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068454 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
2-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Naphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthylene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthene	ND		ug/Kg	10	05/25/23	05/25/23
Fluorene	ND		ug/Kg	10	05/25/23	05/25/23
Phenanthrene	ND		ug/Kg	10	05/25/23	05/25/23
Anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Chrysene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/25/23	05/25/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/25/23	05/25/23
2-Fluorobiphenyl	84%		%REC	30-120	05/25/23	05/25/23
Terphenyl-d14	100%		%REC	33-155	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068455	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068455 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	181.1	199.0	ug/Kg	91%		28-130
2-Methylnaphthalene	180.5	199.0	ug/Kg	91%		33-130
Naphthalene	179.5	199.0	ug/Kg	90%		25-130
Acenaphthylene	194.8	199.0	ug/Kg	98%		28-130
Acenaphthene	178.9	199.0	ug/Kg	90%		32-130
Fluorene	182.6	199.0	ug/Kg	92%		35-130
Phenanthrene	176.7	199.0	ug/Kg	89%		35-132
Anthracene	190.6	199.0	ug/Kg	96%		34-136
Fluoranthene	194.1	199.0	ug/Kg	98%		34-139
Pyrene	198.8	199.0	ug/Kg	100%		35-134
Benzo(a)anthracene	171.1	199.0	ug/Kg	86%		30-132
Chrysene	183.7	199.0	ug/Kg	92%		29-130
Benzo(b)fluoranthene	166.8	199.0	ug/Kg	84%		32-137
Benzo(k)fluoranthene	173.8	199.0	ug/Kg	87%		32-130
Benzo(a)pyrene	167.1	199.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	177.1	199.0	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	183.6	199.0	ug/Kg	92%		32-130
Benzo(g,h,i)perylene	175.1	199.0	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	198.9	199.0	ug/Kg	100%		27-125
2-Fluorobiphenyl	176.3	199.0	ug/Kg	89%		30-120
Terphenyl-d14	196.0	199.0	ug/Kg	99%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068456	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	182.8	ND	200.0	ug/Kg	91%		25-130	1
2-Methylnaphthalene	179.5	ND	200.0	ug/Kg	90%		32-133	1
Naphthalene	177.9	ND	200.0	ug/Kg	89%		33-130	1
Acenaphthylene	196.9	ND	200.0	ug/Kg	98%		14-157	1
Acenaphthene	175.8	ND	200.0	ug/Kg	88%		28-134	1
Fluorene	179.6	ND	200.0	ug/Kg	90%		27-140	1
Phenanthrene	173.1	ND	200.0	ug/Kg	87%		29-147	1
Anthracene	186.5	ND	200.0	ug/Kg	93%		24-156	1
Fluoranthene	191.0	ND	200.0	ug/Kg	95%		28-160	1
Pyrene	197.0	ND	200.0	ug/Kg	98%		26-153	1
Benzo(a)anthracene	163.6	ND	200.0	ug/Kg	82%		26-174	1
Chrysene	177.9	ND	200.0	ug/Kg	89%		40-139	1
Benzo(b)fluoranthene	159.7	ND	200.0	ug/Kg	80%		36-164	1
Benzo(k)fluoranthene	171.2	ND	200.0	ug/Kg	86%		36-161	1
Benzo(a)pyrene	163.1	ND	200.0	ug/Kg	82%		18-173	1
Indeno(1,2,3-cd)pyrene	172.0	ND	200.0	ug/Kg	86%		26-154	1
Dibenz(a,h)anthracene	177.7	ND	200.0	ug/Kg	89%		38-132	1
Benzo(g,h,i)perylene	169.9	ND	200.0	ug/Kg	85%		36-130	1
Surrogates								
Nitrobenzene-d5	189.2		200.0	ug/Kg	95%		27-125	1
2-Fluorobiphenyl	179.4		200.0	ug/Kg	90%		30-120	1
Terphenyl-d14	192.1		200.0	ug/Kg	96%		33-155	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068457	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068457 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.9	ND	201.0	ug/Kg	86%		25-130	7	35	1
2-Methylnaphthalene	171.2	ND	201.0	ug/Kg	85%		32-133	5	35	1
Naphthalene	169.6	ND	201.0	ug/Kg	84%		33-130	5	35	1
Acenaphthylene	186.0	ND	201.0	ug/Kg	93%		14-157	6	35	1
Acenaphthene	168.5	ND	201.0	ug/Kg	84%		28-134	5	35	1
Fluorene	170.8	ND	201.0	ug/Kg	85%		27-140	6	35	1
Phenanthrene	168.2	ND	201.0	ug/Kg	84%		29-147	3	35	1
Anthracene	182.3	ND	201.0	ug/Kg	91%		24-156	3	35	1
Fluoranthene	182.6	ND	201.0	ug/Kg	91%		28-160	5	35	1
Pyrene	185.3	ND	201.0	ug/Kg	92%		26-153	7	35	1
Benzo(a)anthracene	157.0	ND	201.0	ug/Kg	78%		26-174	5	35	1
Chrysene	174.3	ND	201.0	ug/Kg	87%		40-139	3	35	1
Benzo(b)fluoranthene	151.8	ND	201.0	ug/Kg	76%		36-164	6	35	1
Benzo(k)fluoranthene	169.0	ND	201.0	ug/Kg	84%		36-161	2	35	1
Benzo(a)pyrene	155.8	ND	201.0	ug/Kg	77%		18-173	5	35	1
Indeno(1,2,3-cd)pyrene	165.5	ND	201.0	ug/Kg	82%		26-154	4	35	1
Dibenz(a,h)anthracene	172.0	ND	201.0	ug/Kg	86%		38-132	4	35	1
Benzo(g,h,i)perylene	165.4	ND	201.0	ug/Kg	82%		36-130	3	35	1
Surrogates										
Nitrobenzene-d5	180.1		201.0	ug/Kg	90%		27-125			1
2-Fluorobiphenyl	171.2		201.0	ug/Kg	85%		30-120			1
Terphenyl-d14	182.8		201.0	ug/Kg	91%		33-155			1

* Value is outside QC limits

ND Not Detected

b See narrative

Laboratory Job Number 485621

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:

From: Lateef McIntosh
AmeriSci Job #: 923051438
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-485621

Email: incomingreports@enthalpy.com,
Ranjit.Clarke@enthalpy.com

Date: Thursday, June 1, 2023
Time: 18:07:34
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

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Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485621

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	B60-0.5FT		----	----	----	----	NVA	NA
	Location: 485621-001							
02	B61-0.5FT		----	----	----	----	NVA	NA
	Location: 485621-003							
03	B62-0.5FT		----	----	----	----	NVA	NA
	Location: 485621-006							
04	B63-0.5FT		----	----	----	----	NVA	NA
	Location: 485621-008							

Analyzed by: Lateef McIntosh



Reviewed by: Lateef McIntosh



Date: 6/1/2023

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051438

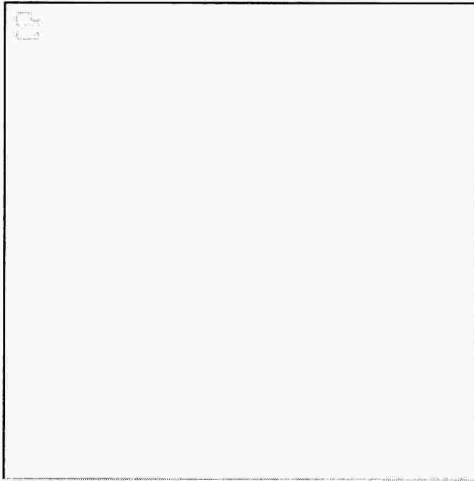
Glenda,

Here are the rest of the POs:

- EO-485621 = **PO-046571**
- EO-485622 = **PO-046572**
- EO-485627 = **PO-046573**
- EO-485629 = **PO-046582**
- EO-485638 = **PO-046583**
- EO-485650 = **PO-046584**
- EO-485657 = **PO-046585**

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.

Rec'd by Glenda Luzon
Glenda Luzon 5/26/23 15:15

Subcontract Laboratory:

 AmeriSci
 24416 S. Main Street
 Suite 308
 Carson, CA 90745
 ATTN: Sample Control
 PO #: Required, to be sent via email

Enthalpy Order: EO-485621

 PM: Ranjit K Clarke
 Email: Ranjit.Clarke@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-9906

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs:

Notes:

PLM Qualitative (P/A)

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B60-0.5FT	21-MAY-2023 07:55	485621-001	1	Soil	Asbestos by PLM	Qualitative (P/A)
B61-0.5FT	21-MAY-2023 08:15	485621-003	1	Soil	Asbestos by PLM	Qualitative (P/A)
B62-0.5FT	21-MAY-2023 07:30	485621-006	1	Soil	Asbestos by PLM	Qualitative (P/A)
B63-0.5FT	21-MAY-2023 07:45	485621-008	1	Soil	Asbestos by PLM	Qualitative (P/A)

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	Glenda Luzon <i>[Signature]</i>
	Date: 5/24/23 1407	Date: 5/24/23e 14:05
	Date:	Date:
	Date:	Date:



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485622
Report Level: II
Report Date: 06/06/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene	Lab Job #:	485622
CES Group, Inc.	Project No:	IRVING MS
33175 Temecula Pkwy	Location:	3010 Estara Ave., Los Angeles, CA 90065
Ste. A-734	Date Received:	05/23/23
Temecula, CA 92592		

Sample ID	Lab ID	Collected	Matrix
B35-0.5FT	485622-001	05/20/23 10:25	Soil
B35-2.5FT	485622-002	05/20/23 10:30	Soil
B41-0.5FT	485622-003	05/20/23 09:45	Soil
B41-2.5FT	485622-004	05/20/23 09:50	Soil
B41-5.0FT	485622-005	05/20/23 09:55	Soil
B35-0.5FT, B41-0.5FT COMPOSITE	485622-006	05/23/23 00:00	Soil
B36-0.5FT	485622-007	05/20/23 10:35	Soil
B36-2.5FT	485622-008	05/20/23 10:38	Soil
B40-0.5FT	485622-009	05/20/23 09:20	Soil
B40-2.5FT	485622-010	05/20/23 09:25	Soil
B40-5.0FT	485622-011	05/20/23 09:30	Soil
B36-0.5FT, B40-0.5FT COMPOSITE	485622-012	05/23/23 00:00	Soil
B37-0.5FT	485622-013	05/20/23 10:05	Soil
B37-2.5FT	485622-014	05/20/23 10:10	Soil
B39-0.5FT	485622-015	05/20/23 09:10	Soil
B39-2.5FT	485622-016	05/20/23 09:15	Soil
B37-0.5FT, B39-0.5FT COMPOSITE	485622-017	05/23/23 00:00	Soil
B38-0.5FT	485622-018	05/20/23 10:40	Soil
B38-2.5FT	485622-019	05/20/23 10:45	Soil
B42-0.5FT	485622-020	05/20/23 08:50	Soil
B42-2.5FT	485622-021	05/20/23 08:55	Soil
B42-5.0FT	485622-022	05/20/23 09:00	Soil
B43-0.5FT	485622-023	05/20/23 08:15	Soil
B43-2.5FT	485622-024	05/20/23 08:25	Soil
B43-5.0FT	485622-025	05/20/23 08:35	Soil
B38-0.5FT, B42-0.5FT, B43-0.5FT COMPOSITE	485622-026	05/23/23 00:00	Soil

Case Narrative

CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592
Skye Greene

Lab Job Number: 485622
Project No: IRVING MS
Location: 3010 Estara Ave., Los Angeles, CA 90065
Date Received: 05/23/23

This data package contains sample and QC results for nine soil samples, three two-point soil composites, and one three-point soil composite, requested for the above referenced project on 05/23/23. The samples were received cold and intact.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- B43-0.5FT (lab # 485622-023) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- High recoveries were observed for methoxychlor in the MS/MSD of B37-0.5FT, B39-0.5FT COMPOSITE (lab # 485622-017); the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- A number of samples were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

PCBs (EPA 8082):

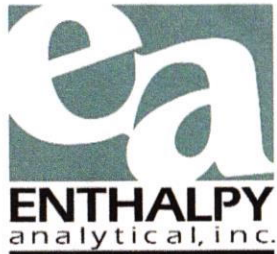
- B43-0.5FT (lab # 485622-023) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- High response was observed for thallium in the CCV analyzed 05/25/23 23:32; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 22:53; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD of B1-0.5FT (lab # 485650-001); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for lead in the MSD of B1-0.5FT (lab # 485650-001); the LCS was within limits. High RPD was also observed for lead in the MS/MSD of B1-0.5FT (lab # 485650-001).
- Low recoveries were observed for antimony in the MS/MSD of B38-0.5FT (lab # 485622-018); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for barium in the MSD of B38-0.5FT (lab # 485622-018); the LCS was within limits. High RPD was also observed for barium in the MS/MSD of B38-0.5FT (lab # 485622-018).
- No other analytical problems were encountered.



Asbestos by PLM (EPA 600/R-93-116):

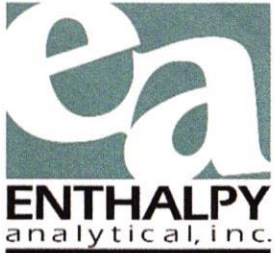
AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record			Turn Around Time (Rush by advanced notice only)			
806 N. Batavia St., Orange, CA 92868		Lab No: <u>485022</u>	Standard: <input checked="" type="checkbox"/> X		4 Day:		3 Day:	
Phone: (714) 771-6900 Fax: (714)771-9933		Page: <u>1</u> of <u>3</u>	2 Day:		1 Day:		Same Day:	
Billing: Enthalpy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other			Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other			

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request								Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold	Analyze 0.5' samples. Hold deeper samples. <u>3.5 / 1.4</u>
Report To:	Skye Green	Quote No.:	CES030223A										
Email:	sgreen@cesgroup.co	P.O. #:	34423										
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave										
	Temecula, CA 92592		Los Angeles, CA 90065										
Phone:	714-398-6363	Global ID:											
Fax:	951-848-9812	Sampled By:	D. Baysa										

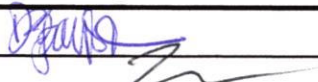


Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold
1 B35 - 0.5ft	05/20/23	10:25 AM	S	1/8oz, 1/2oz		X	X	X		X	X	X	X	
2 B35 - 2.5ft	05/20/23	10:30 AM	S	1/8oz										X
3 B41 - 0.5ft	05/20/23	9:45 AM	S	1/8oz, 1/2oz		X	X	X						
4 B41 - 2.5ft	05/20/23	9:50 AM	S	1/8oz										X
5 B41 - 5.0ft	05/20/23	9:55 AM	S	1/8oz										X
6 B35 - 0.5ft, B41 - 0.5ft Composite	05/20/23		S						X					Composite in lab
7 B36 - 0.5ft	05/20/23	10:35 AM	S	1/8oz, 1/2oz		X	X	X						
8 B36 - 2.5ft	05/20/23	10:38 AM	S	1/8oz										X
9 B40 - 0.5ft	05/20/23	9:20 AM	S	1/8oz, 1/2oz		X	X	X						
10 B40 - 2.5ft	05/20/23	9:25 AM	S	1/8oz										X


	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	<u>5/23/23 11:55</u>
¹ Received By:		<u>NAG</u>	<u>FDX</u>	<u>5-23-23 11/5</u>
² Relinquished By:				
² Received By:				

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record			Turn Around Time (Rush by advanced notice only)				
806 N. Batavia St., Orange, CA 92868		Lab No:				Standard:	X	4 Day:	3 Day:
Phone: (714) 771-6900 Fax: (714)771-9933		Page:	2	of	3	2 Day:	1 Day:	Same Day:	
Billing: Enthalphy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other			



CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request								Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold	Analyze 0.5' samples. Hold deeper samples.
Report To:	Skye Green	Number:	CES030223A										
Email:	sgreen@cesgroup.co	P.O. #:	34423										
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave										
	Temecula, CA 92592		Los Angeles, CA 90065										
Phone:	714-398-6363	Global ID:											
Fax:	951-848-9812	Sampled By:	D. Baysa										

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold	Test Instructions / Comments
1 B40 - 5.0ft	05/20/23	9:30 AM	S	1/8oz										X	
2 B36 - 0.5ft, B40 - 0.5ft Composite	05/20/23		S						X						Composite in lab
3 B37 - 0.5ft	05/20/23	10:05 AM	S	1/8oz, 1/2oz		X	X	X							
4 B37 - 2.5ft	05/20/23	10:10 AM	S	1/8oz										X	
5 B39 - 0.5ft	05/20/23	9:10 AM	S	1/8oz, 1/2oz		X	X	X							
6 B39 - 2.5ft	05/20/23	9:15 AM	S	1/8oz										X	
7 B37 - 0.5ft, B39 - 0.5ft Composite	05/20/23		S						X						Composite in lab
8 B38 - 0.5ft	05/20/23	10:40 AM	S	1/8oz, 1/2oz		X	X	X							
9 B38 - 2.5ft	05/20/23	10:45 AM	S	1/8oz										X	
10 B42 - 0.5ft	05/20/23	8:50 AM	S	1/8oz/1/2oz		X	X	X							

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	5/23/23 11:55
¹ Received By:		NICOLE		5-23-23 1:55
² Relinquished By:				
² Received By:				

ENTHALPHY ANALYTICAL, INC. 806 N. Batavia St., Orange, CA 92868 Phone: (714) 771-6900 Fax: (714)771-9933		Chain of Custody Record Lab No: _____ Page: 3 of 3			Turn Around Time (Rush by advanced notice only) Standard: X 4 Day: _____ 3 Day: _____ 2 Day: _____ 1 Day: _____ Same Day: _____			
		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		
Billing: Enthalphy - SoCal c/o Montrose Environmental Group 1 Park Plaza, Suite 1000, Irvine, CA 92614								

CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request										Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS			Lead (6010B) Arsenic (6020) PLM - Asbestos (Presence/Absence) Organochlorine Pesticides (8081A) PCBs (8082) Title 22 Metals (6010B/7471A) Hex Chrom 7199 PAHs (Low Level) 8270 SIM Hold											Analyze 0.5' samples. Hold deeper samples.
Report To:	Skye Green	Number:	CES030223A														
Email:	sgreen@cesgroup.co	P.O. #:	34423														
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave														
	Temecula, CA 92592		Los Angeles, CA 90065														
Phone:	714-398-6363	Global ID:															
Fax:	951-848-9812	Sampled By:	D. Baysa														
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold	Test Instructions / Comments		
1	B42 - 2.5ft	05/20/23	8:55 AM	S	1/8oz										X		
2	B42 - 5.0ft	05/20/23	9:00 AM	S	1/8oz <i>Handwritten: 1/8oz</i>										X		
3	B43 - 0.5ft	05/20/23	8:15 AM	S	1/8oz, 1/2oz	X	X	X		X	X	X	X				
4	B43 - 2.5ft	05/20/23	8:25 AM	S	1/8oz										X		
5	B43 - 5.0ft	05/20/23	8:35 AM	S	1/8oz										X		
6	B38-0.5ft, B42-0.5ft, B43-0.5ft Composite	05/20/23		S					X							Composite in lab	
7																	
8																	
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
¹ Relinquished By:		Danny Baysa	CES Group/ Field Supervisor	5/23/23 11:55
¹ Received By:		<i>Handwritten: WICMB</i>	<i>Handwritten: BA</i>	5-23-23 11:55
² Relinquished By:				
² Received By:				

SAMPLE ACCEPTANCE CHECKLIST

Section 1	
Client: <u>CES</u>	Project: <u>Irving MS</u>
Date Received: <u>5/23/23</u>	Sampler's Name Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

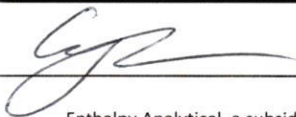
Section 2	
Sample(s) received in a cooler? <input checked="" type="checkbox"/> Yes, How many? <u>1</u> <input type="checkbox"/> No (skip section 2)	Sample Temp (°C) (No Cooler) : _____
Sample Temp (°C), One from each cooler: #1: <u>3.5</u> #2: _____ #3: _____ #4: _____	
<i>(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)</i>	
Shipping Information: _____	

Section 3	
Was the cooler packed with: <input checked="" type="checkbox"/> Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Bubble Wrap <input type="checkbox"/> Styrofoam	
<input type="checkbox"/> Paper <input type="checkbox"/> None <input type="checkbox"/> Other _____	
Cooler Temp (°C): #1: <u>1.4</u> #2: _____ #3: _____ #4: _____	

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6	
For discrepancies, how was the Project Manager notified? <input type="checkbox"/> Verbal PM Initials: _____ Date/Time _____	
<input type="checkbox"/> Email (email sent to/on): _____ / _____	
Project Manager's response:	

Completed By:  Date: 5/23/23

Analysis Results for 485622

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485622
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles, CA 90065
 Date Received: 05/23/23

Sample ID: B35-0.5FT Lab ID: 485622-001 Collected: 05/20/23 10:25
Matrix: Soil

485622-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314699	05/24/23	05/25/23	THP
Barium	120		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Beryllium	0.67		mg/Kg	0.48	0.96	314699	05/24/23	05/25/23	THP
Cadmium	ND		mg/Kg	0.48	0.96	314699	05/24/23	05/25/23	THP
Chromium	22		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Cobalt	13		mg/Kg	0.48	0.96	314699	05/24/23	05/25/23	THP
Copper	21		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Lead	13		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Molybdenum	ND		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Nickel	20		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Selenium	ND		mg/Kg	2.9	0.96	314699	05/24/23	05/25/23	THP
Silver	ND		mg/Kg	0.48	0.96	314699	05/24/23	05/25/23	THP
Thallium	ND		mg/Kg	2.9	0.96	314699	05/24/23	05/25/23	THP
Vanadium	57		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Zinc	60		mg/Kg	4.8	0.96	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.2		mg/Kg	0.96	0.96	314698	05/24/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.96	0.96	314698	05/24/23	05/25/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	315126	06/01/23 09:51	06/01/23 14:42	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1221	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1232	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1242	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1248	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1254	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1260	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES

Analysis Results for 485622

485622-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1262	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1268	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Surrogates			Limits						
Decachlorobiphenyl (PCB)	94%		%REC	19-121	1	314902	05/26/23	06/01/23	MES
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluoranthene	13		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Pyrene	14		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Surrogates			Limits						
Nitrobenzene-d5	92%		%REC	27-125	1	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	91%		%REC	30-120	1	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	96%		%REC	33-155	1	314752	05/25/23	05/25/23	TJW

Sample ID: B41-0.5FT
Lab ID: 485622-003
Collected: 05/20/23 09:45
Matrix: Soil

485622-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	10		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	0.99	0.99	314698	05/24/23	05/25/23	JCP

Analysis Results for 485622

Sample ID: B35-0.5FT, B41-0.5FT COMPOSITE	Lab ID: 485622-006 Matrix: Soil	Collected: 05/23/23
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485622-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	20	2	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	200	2	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	99	2	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
TCMX	99%		%REC	23-120	2	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	104%		%REC	24-120	2	314902	05/26/23	06/01/23	MES

Sample ID: B36-0.5FT	Lab ID: 485622-007 Matrix: Soil	Collected: 05/20/23 10:35
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485622-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	12		mg/Kg	0.95	0.95	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.3		mg/Kg	0.96	0.96	314698	05/24/23	05/25/23	JCP

Analysis Results for 485622

Sample ID: B40-0.5FT	Lab ID: 485622-009	Collected: 05/20/23 09:20
	Matrix: Soil	

485622-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.3		mg/Kg	0.97	0.97	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.97	0.97	314698	05/24/23	05/25/23	JCP

Sample ID: B36-0.5FT, B40-0.5FT COMPOSITE	Lab ID: 485622-012	Collected: 05/23/23
	Matrix: Soil	

485622-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	50	5	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	500	5	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Surrogates				Limits					
TCMX	84%		%REC	23-120	5	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	82%		%REC	24-120	5	314902	05/26/23	06/01/23	MES

Analysis Results for 485622

Sample ID: B37-0.5FT	Lab ID: 485622-013	Collected: 05/20/23 10:05
	Matrix: Soil	

485622-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	12		mg/Kg	0.97	0.97	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.1		mg/Kg	0.96	0.96	314698	05/24/23	05/25/23	JCP

Sample ID: B39-0.5FT	Lab ID: 485622-015	Collected: 05/20/23 09:10
	Matrix: Soil	

485622-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.98	0.98	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.7		mg/Kg	0.97	0.97	314698	05/24/23	05/25/23	JCP

Analysis Results for 485622

Sample ID: B37-0.5FT, B39-0.5FT COMPOSITE	Lab ID: 485622-017 Matrix: Soil	Collected: 05/23/23
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485622-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	50	5	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	500	5	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	5	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	95%		%REC	24-120	5	314902	05/26/23	06/01/23	MES

Sample ID: B38-0.5FT	Lab ID: 485622-018 Matrix: Soil	Collected: 05/20/23 10:40
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485622-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	9.2		mg/Kg	0.97	0.97	314721	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.3		mg/Kg	0.96	0.96	314750	05/25/23	05/25/23	JCP

Analysis Results for 485622

Sample ID: B42-0.5FT	Lab ID: 485622-020	Collected: 05/20/23 08:50
	Matrix: Soil	

485622-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.98	0.98	314721	05/24/23	05/25/23	THP
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	1.0	1	314750	05/25/23	05/25/23	JCP

Analysis Results for 485622

Sample ID: B43-0.5FT	Lab ID: 485622-023	Collected: 05/20/23 08:15
Matrix: Soil		

485622-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314721	05/24/23	05/25/23	THP
Barium	83		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Beryllium	ND		mg/Kg	0.48	0.96	314721	05/24/23	05/25/23	THP
Cadmium	ND		mg/Kg	0.48	0.96	314721	05/24/23	05/25/23	THP
Chromium	7.9		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Cobalt	8.6		mg/Kg	0.48	0.96	314721	05/24/23	05/25/23	THP
Copper	11		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Lead	14		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Molybdenum	ND		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Nickel	9.5		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Selenium	ND		mg/Kg	2.9	0.96	314721	05/24/23	05/25/23	THP
Silver	ND		mg/Kg	0.48	0.96	314721	05/24/23	05/25/23	THP
Thallium	ND		mg/Kg	2.9	0.96	314721	05/24/23	05/25/23	THP
Vanadium	25		mg/Kg	0.96	0.96	314721	05/24/23	05/25/23	THP
Zinc	140		mg/Kg	4.8	0.96	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.1		mg/Kg	0.97	0.97	314750	05/25/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.97	0.97	314750	05/25/23	05/25/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	0.99	315126	06/01/23 09:51	06/01/23 15:26	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	314708	05/24/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1221	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1232	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1242	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1248	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1254	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1260	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1262	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Aroclor-1268	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	89%		%REC	19-121	5	314902	05/26/23	06/01/23	MES

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Analysis Results for 485622

485622-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Pyrene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	2,000	200	314752	05/25/23	05/25/23	TJW
Surrogates				Limits					
Nitrobenzene-d5	60%		%REC	27-125	200	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	59%		%REC	30-120	200	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	63%		%REC	33-155	200	314752	05/25/23	05/25/23	TJW

Analysis Results for 485622

Sample ID: B38-0.5FT, B42-0.5FT, B43-0.5FT COMPOSITE	Lab ID: 485622-026 Matrix: Soil	Collected: 05/23/23
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485622-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	50	10	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	100	10	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	1,000	10	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	500	10	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
TCMX		DO	%REC	23-120	10	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl		DO	%REC	24-120	10	314902	05/26/23	06/01/23	MES

DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1068277	Batch: 314699
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068277 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	2.5	05/24/23	05/25/23
Barium	ND		mg/Kg	0.83	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.42	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.42	05/24/23	05/25/23
Chromium	ND		mg/Kg	0.83	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.42	05/24/23	05/25/23
Copper	ND		mg/Kg	0.83	05/24/23	05/25/23
Lead	ND		mg/Kg	0.83	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	0.83	05/24/23	05/25/23
Nickel	ND		mg/Kg	0.83	05/24/23	05/26/23
Selenium	ND		mg/Kg	2.5	05/24/23	05/25/23
Silver	ND		mg/Kg	0.42	05/24/23	05/25/23
Thallium	ND		mg/Kg	2.5	05/24/23	05/25/23
Vanadium	ND		mg/Kg	0.83	05/24/23	05/25/23
Zinc	ND		mg/Kg	4.2	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068278	Batch: 314699
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068278 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	83.39	83.33	mg/Kg	100%		80-120
Barium	88.28	83.33	mg/Kg	106%		80-120
Beryllium	88.35	83.33	mg/Kg	106%		80-120
Cadmium	79.46	83.33	mg/Kg	95%		80-120
Chromium	89.26	83.33	mg/Kg	107%		80-120
Cobalt	91.17	83.33	mg/Kg	109%		80-120
Copper	85.23	83.33	mg/Kg	102%		80-120
Lead	87.70	83.33	mg/Kg	105%		80-120
Molybdenum	88.77	83.33	mg/Kg	107%		80-120
Nickel	90.46	83.33	mg/Kg	109%		80-120
Selenium	75.33	83.33	mg/Kg	90%		80-120
Silver	39.51	41.67	mg/Kg	95%		80-120
Thallium	73.58	83.33	mg/Kg	88%		80-120
Vanadium	90.02	83.33	mg/Kg	108%		80-120
Zinc	87.85	83.33	mg/Kg	105%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068279	Batch: 314699
Matrix (Source ID): Soil (485650-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	47.03	1.701	97.09	mg/Kg	47%	*	75-125	0.97
Barium	321.6	234.9	97.09	mg/Kg	89%		75-125	0.97
Beryllium	99.87	0.4446	97.09	mg/Kg	102%		75-125	0.97
Cadmium	96.20	1.083	97.09	mg/Kg	98%		75-125	0.97
Chromium	128.1	26.24	97.09	mg/Kg	105%		75-125	0.97
Cobalt	119.2	10.84	97.09	mg/Kg	112%		75-125	0.97
Copper	119.0	16.85	97.09	mg/Kg	105%		75-125	0.97
Lead	136.1	48.98	97.09	mg/Kg	90%		75-125	0.97
Molybdenum	100.5	3.560	97.09	mg/Kg	100%		75-125	0.97
Nickel	118.3	23.98	97.09	mg/Kg	97%		75-125	0.97
Selenium	86.55	ND	97.09	mg/Kg	89%		75-125	0.97
Silver	46.11	ND	48.54	mg/Kg	95%		75-125	0.97
Thallium	79.88	0.9162	97.09	mg/Kg	81%		75-125	0.97
Vanadium	170.8	63.59	97.09	mg/Kg	110%		75-125	0.97
Zinc	199.7	93.32	97.09	mg/Kg	110%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068280	Batch: 314699
Matrix (Source ID): Soil (485650-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068280 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	39.89	1.701	95.24	mg/Kg	40%	*	75-125	15	41	0.95
Barium	307.9	234.9	95.24	mg/Kg	77%		75-125	4	20	0.95
Beryllium	97.93	0.4446	95.24	mg/Kg	102%		75-125	0	20	0.95
Cadmium	96.06	1.083	95.24	mg/Kg	100%		75-125	2	20	0.95
Chromium	130.6	26.24	95.24	mg/Kg	110%		75-125	3	20	0.95
Cobalt	110.6	10.84	95.24	mg/Kg	105%		75-125	6	20	0.95
Copper	120.0	16.85	95.24	mg/Kg	108%		75-125	2	20	0.95
Lead	175.0	48.98	95.24	mg/Kg	132%	*	75-125	26*	20	0.95
Molybdenum	98.86	3.560	95.24	mg/Kg	100%		75-125	0	20	0.95
Nickel	121.9	23.98	95.24	mg/Kg	103%		75-125	5	20	0.95
Selenium	85.73	ND	95.24	mg/Kg	90%		75-125	1	20	0.95
Silver	45.97	ND	47.62	mg/Kg	97%		75-125	2	20	0.95
Thallium	81.50	0.9162	95.24	mg/Kg	85%		75-125	4	20	0.95
Vanadium	178.6	63.59	95.24	mg/Kg	121%		75-125	6	20	0.95
Zinc	204.6	93.32	95.24	mg/Kg	117%		75-125	3	20	0.95

Batch QC

Type: Post Digest Spike	Lab ID: QC1068281	Batch: 314699
Matrix (Source ID): Soil (485650-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068281 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	102.8	1.701	96.15	mg/Kg	105%		75-125	0.96
Barium	313.5	234.9	96.15	mg/Kg	82%		75-125	0.96
Beryllium	102.5	0.4446	96.15	mg/Kg	106%		75-125	0.96
Cadmium	99.81	1.083	96.15	mg/Kg	103%		75-125	0.96
Chromium	127.0	26.24	96.15	mg/Kg	105%		75-125	0.96
Cobalt	115.0	10.84	96.15	mg/Kg	108%		75-125	0.96
Copper	119.7	16.85	96.15	mg/Kg	107%		75-125	0.96
Lead	146.7	48.98	96.15	mg/Kg	102%		75-125	0.96
Molybdenum	110.2	3.560	96.15	mg/Kg	111%		75-125	0.96
Nickel	123.8	23.98	96.15	mg/Kg	104%		75-125	0.96
Selenium	92.22	ND	96.15	mg/Kg	96%		75-125	0.96
Silver	48.09	ND	48.08	mg/Kg	100%		75-125	0.96
Thallium	86.27	0.9162	96.15	mg/Kg	89%		75-125	0.96
Vanadium	162.3	63.59	96.15	mg/Kg	103%		75-125	0.96
Zinc	187.5	93.32	96.15	mg/Kg	98%		75-125	0.96

Type: Blank	Lab ID: QC1068353	Batch: 314721
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068353 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/24/23	05/25/23
Barium	ND		mg/Kg	1.0	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/24/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/24/23	05/25/23
Copper	ND		mg/Kg	1.0	05/24/23	05/25/23
Lead	ND		mg/Kg	1.0	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/24/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/24/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/24/23	05/25/23
Silver	ND		mg/Kg	0.50	05/24/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/24/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/24/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/24/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068354	Batch: 314721
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068354 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	90.99	100.0	mg/Kg	91%		80-120
Barium	101.9	100.0	mg/Kg	102%		80-120
Beryllium	96.64	100.0	mg/Kg	97%		80-120
Cadmium	89.54	100.0	mg/Kg	90%		80-120
Chromium	102.7	100.0	mg/Kg	103%		80-120
Cobalt	105.4	100.0	mg/Kg	105%		80-120
Copper	92.54	100.0	mg/Kg	93%		80-120
Lead	101.6	100.0	mg/Kg	102%		80-120
Molybdenum	98.19	100.0	mg/Kg	98%		80-120
Nickel	101.8	100.0	mg/Kg	102%		80-120
Selenium	84.35	100.0	mg/Kg	84%		80-120
Silver	45.77	50.00	mg/Kg	92%		80-120
Thallium	111.9	100.0	mg/Kg	112%	b	80-120
Vanadium	101.8	100.0	mg/Kg	102%		80-120
Zinc	105.7	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1068355	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068355 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	33.97	2.310	98.04	mg/Kg	32%	*	75-125	0.98
Barium	272.4	179.8	98.04	mg/Kg	94%		75-125	0.98
Beryllium	93.16	0.5677	98.04	mg/Kg	94%		75-125	0.98
Cadmium	97.40	7.913	98.04	mg/Kg	91%		75-125	0.98
Chromium	131.3	32.18	98.04	mg/Kg	101%		75-125	0.98
Cobalt	110.4	12.12	98.04	mg/Kg	100%		75-125	0.98
Copper	121.5	28.79	98.04	mg/Kg	95%		75-125	0.98
Lead	104.6	9.243	98.04	mg/Kg	97%		75-125	0.98
Molybdenum	100.9	8.557	98.04	mg/Kg	94%		75-125	0.98
Nickel	137.9	42.12	98.04	mg/Kg	98%		75-125	0.98
Selenium	81.88	0.3954	98.04	mg/Kg	83%		75-125	0.98
Silver	44.25	ND	49.02	mg/Kg	90%		75-125	0.98
Thallium	103.2	0.9421	98.04	mg/Kg	104%	b	75-125	0.98
Vanadium	197.4	88.86	98.04	mg/Kg	111%		75-125	0.98
Zinc	179.9	87.57	98.04	mg/Kg	94%		75-125	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068356	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068356 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	34.93	2.310		96.15	mg/Kg	34%	*	75-125	5	41	0.96
Barium	590.3	179.8		96.15	mg/Kg	427%	*	75-125	74*	20	0.96
Beryllium	92.27	0.5677		96.15	mg/Kg	95%		75-125	1	20	0.96
Cadmium	95.03	7.913		96.15	mg/Kg	91%		75-125	1	20	0.96
Chromium	127.1	32.18		96.15	mg/Kg	99%		75-125	2	20	0.96
Cobalt	107.4	12.12		96.15	mg/Kg	99%		75-125	1	20	0.96
Copper	116.8	28.79		96.15	mg/Kg	92%		75-125	2	20	0.96
Lead	107.3	9.243		96.15	mg/Kg	102%		75-125	4	20	0.96
Molybdenum	96.46	8.557		96.15	mg/Kg	91%		75-125	3	20	0.96
Nickel	129.8	42.12		96.15	mg/Kg	91%		75-125	5	20	0.96
Selenium	81.43	0.3954		96.15	mg/Kg	84%		75-125	1	20	0.96
Silver	44.03	ND		48.08	mg/Kg	92%		75-125	1	20	0.96
Thallium	101.2	0.9421		96.15	mg/Kg	104%	b	75-125	0	20	0.96
Vanadium	187.5	88.86		96.15	mg/Kg	103%		75-125	4	20	0.96
Zinc	171.9	87.57		96.15	mg/Kg	88%		75-125	4	20	0.96

Type: Post Digest Spike	Lab ID: QC1068357	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068357 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	DF
		Result							
Antimony	93.87	2.310		97.09	mg/Kg	94%		75-125	0.97
Barium	275.3	179.8		97.09	mg/Kg	98%		75-125	0.97
Beryllium	95.06	0.5677		97.09	mg/Kg	97%		75-125	0.97
Cadmium	100.5	7.913		97.09	mg/Kg	95%		75-125	0.97
Chromium	130.6	32.18		97.09	mg/Kg	101%		75-125	0.97
Cobalt	113.3	12.12		97.09	mg/Kg	104%		75-125	0.97
Copper	126.1	28.79		97.09	mg/Kg	100%		75-125	0.97
Lead	108.1	9.243		97.09	mg/Kg	102%		75-125	0.97
Molybdenum	109.2	8.557		97.09	mg/Kg	104%		75-125	0.97
Nickel	138.9	42.12		97.09	mg/Kg	100%		75-125	0.97
Selenium	85.17	0.3954		97.09	mg/Kg	87%		75-125	0.97
Silver	46.34	ND		48.54	mg/Kg	95%		75-125	0.97
Thallium	105.0	0.9421		97.09	mg/Kg	107%	b	75-125	0.97
Vanadium	187.2	88.86		97.09	mg/Kg	101%		75-125	0.97
Zinc	184.3	87.57		97.09	mg/Kg	100%		75-125	0.97

Batch QC

Type: Blank	Lab ID: QC1068269	Batch: 314698
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068269 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/24/23	05/25/23
Thallium	ND		mg/Kg	1.0	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068270	Batch: 314698
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068270 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	104.8	100.0	mg/Kg	105%		80-120
Thallium	98.07	100.0	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1068271	Batch: 314698
Matrix (Source ID): Soil (485650-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	108.1	4.381	100.0	mg/Kg	104%		75-125	1
Thallium	100.0	ND	100.0	mg/Kg	100%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1068272	Batch: 314698
Matrix (Source ID): Soil (485650-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	104.8	4.381	96.15	mg/Kg	104%		75-125	1	20	0.96
Thallium	93.62	ND	96.15	mg/Kg	97%		75-125	3	20	0.96

Type: Post Digest Spike	Lab ID: QC1068273	Batch: 314698
Matrix (Source ID): Soil (485650-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	112.1	4.381	95.24	mg/Kg	113%		75-125	0.95
Thallium	104.6	ND	95.24	mg/Kg	110%		75-125	0.95

Batch QC

Type: Blank	Lab ID: QC1068444	Batch: 314750
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068444 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/25/23	05/25/23
Thallium	ND		mg/Kg	1.0	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068445	Batch: 314750
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	117.1	100.0	mg/Kg	117%		80-120
Thallium	111.6	100.0	mg/Kg	112%		80-120

Type: Matrix Spike	Lab ID: QC1068446	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	115.4	6.289	98.04	mg/Kg	111%		75-125	0.98
Thallium	103.5	0.7096	98.04	mg/Kg	105%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1068447	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	103.5	6.289	96.15	mg/Kg	101%		75-125	9	20	0.96
Thallium	96.10	0.7096	96.15	mg/Kg	99%		75-125	6	20	0.96

Type: Post Digest Spike	Lab ID: QC1068448	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	112.7	6.289	96.15	mg/Kg	111%		75-125	0.96
Thallium	104.2	0.7096	96.15	mg/Kg	108%		75-125	0.96

Batch QC

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068309	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068309 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/24/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068310	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068310 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8328	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068311	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068311 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8446	0.04288	0.8475	mg/Kg	95%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1068312	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8576	0.04288	0.8621	mg/Kg	95%		75-125	0	20	1

Batch QC

Type: Blank	Lab ID: QC1069003	Batch: 314902
Matrix: Soil		

QC1069003 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
beta-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
gamma-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
delta-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
Heptachlor	ND		ug/Kg	5.0	05/26/23	06/01/23
Aldrin	ND		ug/Kg	5.0	05/26/23	06/01/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan I	ND		ug/Kg	5.0	05/26/23	06/01/23
Dieldrin	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDE	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan II	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDD	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin aldehyde	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin ketone	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDT	ND		ug/Kg	5.0	05/26/23	06/01/23
Methoxychlor	ND		ug/Kg	10	05/26/23	06/01/23
Toxaphene	ND		ug/Kg	100	05/26/23	06/01/23
Chlordane (Technical)	ND		ug/Kg	50	05/26/23	06/01/23
Surrogates				Limits		
TCMX	82%		%REC	23-120	05/26/23	06/01/23
Decachlorobiphenyl	91%		%REC	24-120	05/26/23	06/01/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1221	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1232	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1242	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1248	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1254	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1260	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1262	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1268	ND		ug/Kg	50	05/26/23	06/01/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	97%		%REC	19-121	05/26/23	06/01/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1069004	Batch: 314902
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1069004 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	47.65	49.75	ug/Kg	96%		22-129
beta-BHC	45.24	49.75	ug/Kg	91%		28-125
gamma-BHC	46.56	49.75	ug/Kg	94%		22-128
delta-BHC	46.19	49.75	ug/Kg	93%		24-131
Heptachlor	47.50	49.75	ug/Kg	95%		18-124
Aldrin	40.58	49.75	ug/Kg	82%		23-120
Heptachlor epoxide	47.44	49.75	ug/Kg	95%		26-120
Endosulfan I	50.05	49.75	ug/Kg	101%		25-126
Dieldrin	49.44	49.75	ug/Kg	99%		23-124
4,4'-DDE	49.85	49.75	ug/Kg	100%		28-121
Endrin	51.61	49.75	ug/Kg	104%		25-127
Endosulfan II	49.79	49.75	ug/Kg	100%		29-121
Endosulfan sulfate	47.90	49.75	ug/Kg	96%		30-121
4,4'-DDD	53.14	49.75	ug/Kg	107%		26-120
Endrin aldehyde	32.80	49.75	ug/Kg	66%		10-120
Endrin ketone	48.94	49.75	ug/Kg	98%		28-125
4,4'-DDT	51.27	49.75	ug/Kg	103%		22-125
Methoxychlor	56.00	49.75	ug/Kg	113%		28-130
Surrogates						
TCMX	42.16	49.75	ug/Kg	85%		23-120
Decachlorobiphenyl	45.74	49.75	ug/Kg	92%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1069082	Batch: 314902
Matrix (Source ID): Soil (485622-017)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069082 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	46.23	ND	49.65	ug/Kg	93%		46-120	5
beta-BHC	48.46	ND	49.65	ug/Kg	98%		41-120	5
gamma-BHC	48.38	ND	49.65	ug/Kg	97%		41-120	5
delta-BHC	46.86	ND	49.65	ug/Kg	94%		38-123	5
Heptachlor	51.41	ND	49.65	ug/Kg	104%		39-120	5
Aldrin	44.43	ND	49.65	ug/Kg	89%		34-120	5
Heptachlor epoxide	51.23	ND	49.65	ug/Kg	103%		43-120	5
Endosulfan I	53.38	ND	49.65	ug/Kg	108%		45-120	5
Dieldrin	52.42	ND	49.65	ug/Kg	106%		45-120	5
4,4'-DDE	52.93	ND	49.65	ug/Kg	107%		34-120	5
Endrin	54.78	ND	49.65	ug/Kg	110%		40-120	5
Endosulfan II	54.10	ND	49.65	ug/Kg	109%		41-120	5
Endosulfan sulfate	51.93	ND	49.65	ug/Kg	105%		42-120	5
4,4'-DDD	52.44	ND	49.65	ug/Kg	106%		41-120	5
Endrin aldehyde	43.90	ND	49.65	ug/Kg	88%		30-120	5
Endrin ketone	52.46	ND	49.65	ug/Kg	106%		45-120	5
4,4'-DDT	56.81	ND	49.65	ug/Kg	114%		35-127	5
Methoxychlor	68.89	ND	49.65	ug/Kg	139%	*	42-136	5
Surrogates								
TCMX	44.38		49.65	ug/Kg	89%		23-120	5
Decachlorobiphenyl	54.85		49.65	ug/Kg	110%		24-120	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1069083	Batch: 314902
Matrix (Source ID): Soil (485622-017)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069083 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	45.93	ND	49.75	ug/Kg	92%		46-120	1	30	5
beta-BHC	47.92	ND	49.75	ug/Kg	96%		41-120	1	30	5
gamma-BHC	47.76	ND	49.75	ug/Kg	96%		41-120	1	30	5
delta-BHC	45.06	ND	49.75	ug/Kg	91%		38-123	4	30	5
Heptachlor	51.21	ND	49.75	ug/Kg	103%		39-120	1	30	5
Aldrin	44.24	ND	49.75	ug/Kg	89%		34-120	1	30	5
Heptachlor epoxide	50.70	ND	49.75	ug/Kg	102%		43-120	1	30	5
Endosulfan I	53.49	ND	49.75	ug/Kg	108%		45-120	0	30	5
Dieldrin	52.19	ND	49.75	ug/Kg	105%		45-120	1	30	5
4,4'-DDE	53.66	ND	49.75	ug/Kg	108%		34-120	1	30	5
Endrin	54.98	ND	49.75	ug/Kg	111%		40-120	0	30	5
Endosulfan II	53.80	ND	49.75	ug/Kg	108%		41-120	1	30	5
Endosulfan sulfate	52.03	ND	49.75	ug/Kg	105%		42-120	0	30	5
4,4'-DDD	54.54	ND	49.75	ug/Kg	110%		41-120	4	30	5
Endrin aldehyde	43.13	ND	49.75	ug/Kg	87%		30-120	2	30	5
Endrin ketone	49.67	ND	49.75	ug/Kg	100%		45-120	6	30	5
4,4'-DDT	58.00	ND	49.75	ug/Kg	117%		35-127	2	30	5
Methoxychlor	68.67	ND	49.75	ug/Kg	138%	*	42-136	1	30	5
Surrogates										
TCMX	43.83		49.75	ug/Kg	88%		23-120			5
Decachlorobiphenyl	50.19		49.75	ug/Kg	101%		24-120			5

Type: Lab Control Sample	Lab ID: QC1069084	Batch: 314902
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1069084 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	486.1	499.0	ug/Kg	97%		14-150
Aroclor-1260	520.0	499.0	ug/Kg	104%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	48.54	49.90	ug/Kg	97%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1069085	Batch: 314902
Matrix (Source ID): Soil (485627-021)	Method: EPA 8082	Prep Method: EPA 3546

QC1069085 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	458.2	ND	495.5	ug/Kg	92%		42-127	0.99
Aroclor-1260	499.7	ND	495.5	ug/Kg	101%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	46.86		49.55	ug/Kg	95%		19-121	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1069086	Batch: 314902
Matrix (Source ID): Soil (485627-021)	Method: EPA 8082	Prep Method: EPA 3546

QC1069086 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	487.8	ND	497.5	ug/Kg	98%		42-127	6	30	1
Aroclor-1260	536.7	ND	497.5	ug/Kg	108%		38-130	7	30	1
Surrogates										
Decachlorobiphenyl (PCB)	47.99		49.75	ug/Kg	96%		19-121			1

Batch QC

Type: Blank	Lab ID: QC1068454	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068454 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
2-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Naphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthylene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthene	ND		ug/Kg	10	05/25/23	05/25/23
Fluorene	ND		ug/Kg	10	05/25/23	05/25/23
Phenanthrene	ND		ug/Kg	10	05/25/23	05/25/23
Anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Chrysene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/25/23	05/25/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/25/23	05/25/23
2-Fluorobiphenyl	84%		%REC	30-120	05/25/23	05/25/23
Terphenyl-d14	100%		%REC	33-155	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068455	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068455 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	181.1	199.0	ug/Kg	91%		28-130
2-Methylnaphthalene	180.5	199.0	ug/Kg	91%		33-130
Naphthalene	179.5	199.0	ug/Kg	90%		25-130
Acenaphthylene	194.8	199.0	ug/Kg	98%		28-130
Acenaphthene	178.9	199.0	ug/Kg	90%		32-130
Fluorene	182.6	199.0	ug/Kg	92%		35-130
Phenanthrene	176.7	199.0	ug/Kg	89%		35-132
Anthracene	190.6	199.0	ug/Kg	96%		34-136
Fluoranthene	194.1	199.0	ug/Kg	98%		34-139
Pyrene	198.8	199.0	ug/Kg	100%		35-134
Benzo(a)anthracene	171.1	199.0	ug/Kg	86%		30-132
Chrysene	183.7	199.0	ug/Kg	92%		29-130
Benzo(b)fluoranthene	166.8	199.0	ug/Kg	84%		32-137
Benzo(k)fluoranthene	173.8	199.0	ug/Kg	87%		32-130
Benzo(a)pyrene	167.1	199.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	177.1	199.0	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	183.6	199.0	ug/Kg	92%		32-130
Benzo(g,h,i)perylene	175.1	199.0	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	198.9	199.0	ug/Kg	100%		27-125
2-Fluorobiphenyl	176.3	199.0	ug/Kg	89%		30-120
Terphenyl-d14	196.0	199.0	ug/Kg	99%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068456	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	182.8	ND	200.0	ug/Kg	91%		25-130	1
2-Methylnaphthalene	179.5	ND	200.0	ug/Kg	90%		32-133	1
Naphthalene	177.9	ND	200.0	ug/Kg	89%		33-130	1
Acenaphthylene	196.9	ND	200.0	ug/Kg	98%		14-157	1
Acenaphthene	175.8	ND	200.0	ug/Kg	88%		28-134	1
Fluorene	179.6	ND	200.0	ug/Kg	90%		27-140	1
Phenanthrene	173.1	ND	200.0	ug/Kg	87%		29-147	1
Anthracene	186.5	ND	200.0	ug/Kg	93%		24-156	1
Fluoranthene	191.0	ND	200.0	ug/Kg	95%		28-160	1
Pyrene	197.0	ND	200.0	ug/Kg	98%		26-153	1
Benzo(a)anthracene	163.6	ND	200.0	ug/Kg	82%		26-174	1
Chrysene	177.9	ND	200.0	ug/Kg	89%		40-139	1
Benzo(b)fluoranthene	159.7	ND	200.0	ug/Kg	80%		36-164	1
Benzo(k)fluoranthene	171.2	ND	200.0	ug/Kg	86%		36-161	1
Benzo(a)pyrene	163.1	ND	200.0	ug/Kg	82%		18-173	1
Indeno(1,2,3-cd)pyrene	172.0	ND	200.0	ug/Kg	86%		26-154	1
Dibenz(a,h)anthracene	177.7	ND	200.0	ug/Kg	89%		38-132	1
Benzo(g,h,i)perylene	169.9	ND	200.0	ug/Kg	85%		36-130	1
Surrogates								
Nitrobenzene-d5	189.2		200.0	ug/Kg	95%		27-125	1
2-Fluorobiphenyl	179.4		200.0	ug/Kg	90%		30-120	1
Terphenyl-d14	192.1		200.0	ug/Kg	96%		33-155	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068457	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068457 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.9	ND	201.0	ug/Kg	86%		25-130	7	35	1
2-Methylnaphthalene	171.2	ND	201.0	ug/Kg	85%		32-133	5	35	1
Naphthalene	169.6	ND	201.0	ug/Kg	84%		33-130	5	35	1
Acenaphthylene	186.0	ND	201.0	ug/Kg	93%		14-157	6	35	1
Acenaphthene	168.5	ND	201.0	ug/Kg	84%		28-134	5	35	1
Fluorene	170.8	ND	201.0	ug/Kg	85%		27-140	6	35	1
Phenanthrene	168.2	ND	201.0	ug/Kg	84%		29-147	3	35	1
Anthracene	182.3	ND	201.0	ug/Kg	91%		24-156	3	35	1
Fluoranthene	182.6	ND	201.0	ug/Kg	91%		28-160	5	35	1
Pyrene	185.3	ND	201.0	ug/Kg	92%		26-153	7	35	1
Benzo(a)anthracene	157.0	ND	201.0	ug/Kg	78%		26-174	5	35	1
Chrysene	174.3	ND	201.0	ug/Kg	87%		40-139	3	35	1
Benzo(b)fluoranthene	151.8	ND	201.0	ug/Kg	76%		36-164	6	35	1
Benzo(k)fluoranthene	169.0	ND	201.0	ug/Kg	84%		36-161	2	35	1
Benzo(a)pyrene	155.8	ND	201.0	ug/Kg	77%		18-173	5	35	1
Indeno(1,2,3-cd)pyrene	165.5	ND	201.0	ug/Kg	82%		26-154	4	35	1
Dibenz(a,h)anthracene	172.0	ND	201.0	ug/Kg	86%		38-132	4	35	1
Benzo(g,h,i)perylene	165.4	ND	201.0	ug/Kg	82%		36-130	3	35	1
Surrogates										
Nitrobenzene-d5	180.1		201.0	ug/Kg	90%		27-125			1
2-Fluorobiphenyl	171.2		201.0	ug/Kg	85%		30-120			1
Terphenyl-d14	182.8		201.0	ug/Kg	91%		33-155			1

* Value is outside QC limits

ND Not Detected

b See narrative

Laboratory Job Number 485622

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:

From: Lateef McIntosh
AmeriSci Job #: 923051463
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-485622

Email: incomingreports@enthalpy.com, ranjit.clarke@enthalpy.com

Date: Monday, June 5, 2023

Time: 21:23:36

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

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Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485622

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	B35-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-001							
02	B41-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-003							
03	B36-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-007							
04	B40-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-009							
05	B37-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-013							
06	B39-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-015							
07	B38-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-018							
08	B42-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-020							
09	B43-0.5FT		----	----	----	----	NVA	NA
	Location: 485622-023							

Analyzed by: Lateef McIntosh



Reviewed by: Lateef McIntosh



Date: 6/5/2023

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051463

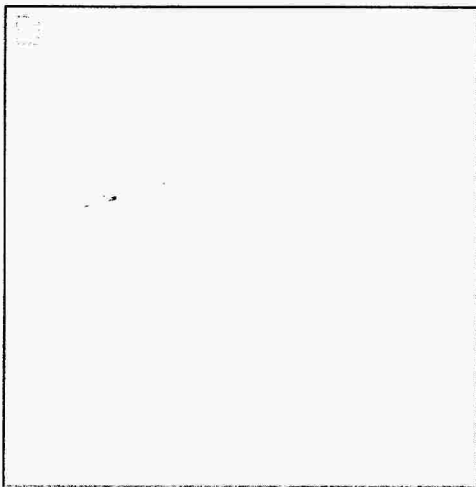
Glenda,

Here are the rest of the POs:

EO-485621 = PO-046571
EO-485622 = PO-046572
EO-485627 = PO-046573
EO-485629 = PO-046582
EO-485638 = PO-046583
EO-485650 = PO-046584
EO-485657 = PO-046585

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.

Subcontract Laboratory:

 AmeriSci
 24416 S. Main Street
 Suite 308
 Carson, CA 90745
 ATTN: Sample Control
 PO #: Required, to be sent via email

Enthalpy Order: EO-485622

 PM: Ranjit K Clarke
 Email: Ranjit.Clarke@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-9906

923051463

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs:

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B35-0.5FT	20-MAY-2023 10:25	485622-001	1	Soil	Asbestos by PLM	Qualitative P/A
B41-0.5FT	20-MAY-2023 09:45	485622-003	1	Soil	Asbestos by PLM	Qualitative P/A
B36-0.5FT	20-MAY-2023 10:35	485622-007	1	Soil	Asbestos by PLM	Qualitative P/A
B40-0.5FT	20-MAY-2023 09:20	485622-009	1	Soil	Asbestos by PLM	Qualitative P/A
B37-0.5FT	20-MAY-2023 10:05	485622-013	1	Soil	Asbestos by PLM	Qualitative P/A
B39-0.5FT	20-MAY-2023 09:10	485622-015	1	Soil	Asbestos by PLM	Qualitative P/A
B38-0.5FT	20-MAY-2023 10:40	485622-018	1	Soil	Asbestos by PLM	Qualitative P/A
B42-0.5FT	20-MAY-2023 08:50	485622-020	1	Soil	Asbestos by PLM	Qualitative P/A
B43-0.5FT	20-MAY-2023 08:15	485622-023	1	Soil	Asbestos by PLM	Qualitative P/A

Notes:	Relinquished By:	Received By:
	<i>Sam Sampson</i>	<i>Glenda Wilson, Glenda Ju</i>
	Date: <i>5/25/23 1200</i>	Date: <i>5.25.23e 12:00</i>
	Date:	Date:
	Date:	Date:
	Date:	Date:



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485626
Report Level: II
Report Date: 06/19/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene	Lab Job #:	485626
CES Group, Inc.	Project No:	IRVING MS
33175 Temecula Pkwy	Location:	3010 Estara Ave., Los Angeles,
Ste. A-734		CA 90065 - Supplemental Report 1
Temecula, CA 92592	Date Received:	05/23/23

Sample ID	Lab ID	Collected	Matrix
B56-0.5FT	485626-001	05/20/23 14:10	Soil
B56-2.5FT	485626-002	05/20/23 14:20	Soil
B56-5.0FT	485626-003	05/20/23 14:30	Soil
B57-0.5FT	485626-004	05/20/23 14:35	Soil
B57-2.5FT	485626-005	05/20/23 14:40	Soil
B57-5.0FT	485626-006	05/20/23 14:45	Soil

Case Narrative

CES Group, Inc.	Lab Job	485626
33175 Temecula	Number:	
Pkwy	Project No:	IRVING MS
Ste. A-734	Location:	3010 Estara Ave., Los Angeles, CA 90065 - Supplemental
Temecula, CA		Report 1
92592	Date	05/23/23
Skye Greene	Received:	

- This data package contains sample and QC results for three soil samples, requested for the above referenced project on 05/23/23. The samples were received cold and intact.
- Supplemental Report 1 - Additional analyses requested on 06/08/23 are now reported.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- B57-0.5FT (lab # 485626-004) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High RPD was observed for naphthalene in the MS/MSD for batch 314640; the parent sample was not a project sample, and this analyte was not detected at or above the RL in the associated sample.
- B57-0.5FT (lab # 485626-004) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A) Soil:

- High responses were observed for selenium and thallium in the CCV analyzed 05/25/23 12:07; affected data was qualified with "b".
- High responses were observed for selenium and thallium in the CCV analyzed 05/25/23 11:28; affected data was qualified with "b".
- High recovery was observed for thallium in the LCS for batch 314705; this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for antimony in the MS/MSD for batch 314705; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Metals (EPA 6010B) TCLP Leachate:

No analytical problems were encountered.

Metals (EPA 6010B) WET Leachate:

No analytical problems were encountered.

Hexavalent Chromium by Ion Chromatograph (EPA 7199):

No analytical problems were encountered.

Dioxin & Furans by EPA 8290 (EPA 8290):

Ceres in El Dorado Hills, CA performed the analysis (see sublab report section for certifications). Please see the Ceres case narrative.

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

ENTHALPY ANALYTICAL, INC.
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **485.626**
 Page: **1** of **1**
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Quote No. CES030223A
 Email: sgreen@cesgroup.co P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-734 Address: 3010 Estara Ave
 Temecula, CA 92592 Los Angeles, CA 90065
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: D. Baysa

PROJECT INFORMATION

Analysis Request

Test Instructions / Comments

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs 8260B	TPHg 8015B	TPHD/o 8015B	Dioxins and Furans 8290A (Surface)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199 (Surface)	PAHs (Low Level) 8270 SIM	Hold
1 B56 - 0.5ft	05/20/23	2:10 PM	S	1/8oz, 1/2oz	5035	X	X	X	X	X	X	X	X	
2 B56 - 2.5ft	05/20/23	2:20 PM	S	1/8oz										X
3 B56 - 5.0ft	05/20/23	2:30 PM	S	1/8oz										X
4 B57 - 0.5ft	05/20/23	2:35 PM	S	1/8oz, 1/2oz	5035	X	X	X	X	X	X	X	X	
5 B57 - 2.5ft	05/20/23	2:40 PM	S	1/8oz										X
6 B57 - 5.0ft	05/20/23	2:45 PM	S	1/8oz										X
7														
8														
9														
10														

Signature *[Signature]* **Print Name** Danny Baysa **Company / Title** CES Group/ Field Supervisor **Date / Time** 5/23/23 11:55 AM

1 Relinquished By: *[Signature]* **2 Relinquished By:** *[Signature]*

1 Received By: *[Signature]* **2 Received By:** *[Signature]*

5-23-23 11:55 AM



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Group, Inc. Project: Irving MS CES030223A

Date Received: 5/23/23 Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____

Sample Temp (°C), One from each cooler: #1: 2.0 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?	<input checked="" type="checkbox"/>		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

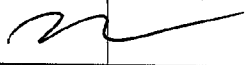
Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By:  Date: 5-23-23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Additional Analyses

1 message

Skye Green <sgreen@cesgroup.co>

Thu, Jun 8, 2023 at 12:32 PM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Cc: Danny Baysa <dbaysa@cesgroup.co>, "jbaysa.cesgroup" <jbaysa.cesgroup@gmail.com>

Ranjit,

Can we run the following additional analyses for the Irving Middle School project...

B5-0.5' – Arsenic 13 mg/kg, Lead 190 mg/kg – Run STLC and TCLP for lead on B5-0.5ft, Run B5-2.5ft for lead and arsenic

B7-0.5' – Lead 73 mg/kg – Run STLC for lead on B7-0.5ft

B11-0.5' – lead 170 mg/kg, Arsenic 12 mg/kg, low level PAHs – Run STLC and TCLP for lead on B11-0.5ft, Run B11-2.5ft for lead and arsenic

B12-0.5' – Lead 61 mg/kg, Arsenic 50 mg/kg – Run STLC for lead and As on B12-0.5ft, Run B12-2.5ft for lead and arsenic

B13-0.5' – Arsenic 12 mg/kg – Run B13-2.5ft for Arsenic

B19-0.5' – Asbestos present – Quantify Asbestos – Run B19-2.5ft for Asbestos (Quantify if present)

B-22-0.5' – Asbestos present – Quantify Asbestos – Run B-22-2.5ft for Asbestos (Quantify if present)

B31-0.5' – Arsenic 52 mg/kg – Run STLC for As on B31-0.5ft, Run B31-2.5ft for Arsenic

B32-0.5' – Lead 190 mg/kg – Run STLC and TCLP on B32-0.5ft, Run B32-2.5ft for lead

B47-0.5' – Lead 55 mg/kg, Arsenic 15 mg/kg – Run STLC for lead on B47-0.5ft, Run B47-2.5ft for lead and arsenic

B48-0.5' – Arsenic 13 mg/kg, low level PAHs – Run B48-2.5ft for Arsenic

B56-0.5' – Arsenic 100 mg/kg, ORO 20 mg/kg Run STLC and TCLP for arsenic on B56-0.5ft, run B56-2.5ft for arsenic

B60-0.5' – Lead 60 mg/kg – Run STLC for lead on B60-0.5ft

B62-0.5' – Lead 62 mg/kg – Run STLC for lead on B62-0.5ft

B63-0.5' – Lead 91 mg/kg – Run STLC for lead on B63-0.5ft, Run B63-2.5ft for lead

Skye Green, PE

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Analysis Results for 485626

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485626
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles,
 CA 90065 - Supplemental Report 1
 Date Received: 05/23/23

Sample ID: B56-0.5FT Lab ID: 485626-001 Collected: 05/20/23 14:10

485626-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Arsenic	ND		mg/L	0.030	TCLP Leachate	1	316340	06/16/23	06/16/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.95	314705	05/24/23	05/25/23	KLN
Arsenic	100		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Barium	130		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Beryllium	0.57		mg/Kg	0.48	Soil	0.95	314705	05/24/23	05/25/23	KLN
Cadmium	ND		mg/Kg	0.48	Soil	0.95	314705	05/24/23	05/25/23	KLN
Chromium	20		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Cobalt	9.9		mg/Kg	0.48	Soil	0.95	314705	05/24/23	05/25/23	KLN
Copper	18		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Lead	19		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Molybdenum	1.7		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Nickel	15		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Selenium	ND		mg/Kg	2.9	Soil	0.95	314705	05/24/23	05/25/23	KLN
Silver	ND		mg/Kg	0.48	Soil	0.95	314705	05/24/23	05/25/23	KLN
Thallium	ND		mg/Kg	2.9	Soil	0.95	314705	05/24/23	05/25/23	KLN
Vanadium	49		mg/Kg	0.95	Soil	0.95	314705	05/24/23	05/25/23	KLN
Zinc	150		mg/Kg	4.8	Soil	0.95	314705	05/24/23	05/25/23	KLN
Method: EPA 6010B Prep Method: METHOD										
Arsenic	1.8		mg/L	0.30	WET Leachate	10	315984	06/14/23	06/14/23	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.15	Soil	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8015B Prep Method: EPA 5035										
GRO C6-C10	ND		mg/Kg	2.0	Soil	0.68	315102	05/31/23	05/31/23	SXR
Surrogates		Limits								
Bromofluorobenzene (FID)	80%	%REC	60-140	Soil	0.68	315102	05/31/23	05/31/23	SXR	
Method: EPA 8015M Prep Method: EPA 3580M										
DRO C10-C28	ND		mg/Kg	9.9	Soil	0.99	314769	05/25/23	05/26/23	SME
ORO C28-C44	20		mg/Kg	9.9	Soil	0.99	314769	05/25/23	05/26/23	SME
Surrogates		Limits								

Analysis Results for 485626

485626-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
n-Triacontane	89%		%REC	70-130	Soil	0.99	314769	05/25/23	05/26/23	SME

Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Isopropyl Ether (DIPE)	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	7.5	Soil	0.71	315074	05/31/23	05/31/23	TCN
Freon 12	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Chloromethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Vinyl Chloride	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Bromomethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Chloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Trichlorofluoromethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Acetone	ND		ug/Kg	71	Soil	0.71	315074	05/31/23	05/31/23	TCN
Freon 113	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1-Dichloroethene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Methylene Chloride	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
MTBE	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1-Dichloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
2-Butanone	ND		ug/Kg	71	Soil	0.71	315074	05/31/23	05/31/23	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
2,2-Dichloropropane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Chloroform	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Bromochloromethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1,1-Trichloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1-Dichloropropene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Carbon Tetrachloride	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2-Dichloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Benzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Trichloroethene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2-Dichloropropane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Bromodichloromethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Dibromomethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	5.8	Soil	0.71	315074	05/31/23	05/31/23	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Toluene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1,2-Trichloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,3-Dichloropropane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Tetrachloroethene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Dibromochloromethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2-Dibromoethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN

Analysis Results for 485626

485626-001 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Ethylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
m,p-Xylenes	ND		ug/Kg	7.1	Soil	0.71	315074	05/31/23	05/31/23	TCN
o-Xylene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Styrene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Bromoform	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Isopropylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2,3-Trichloropropane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Propylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Bromobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
2-Chlorotoluene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
4-Chlorotoluene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
tert-Butylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
sec-Butylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
para-Isopropyl Toluene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,3-Dichlorobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,4-Dichlorobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
n-Butylbenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2-Dichlorobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Hexachlorobutadiene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Naphthalene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Xylene (total)	ND		ug/Kg	3.6	Soil	0.71	315074	05/31/23	05/31/23	TCN
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-145	Soil	0.71	315074	05/31/23	05/31/23	TCN
1,2-Dichloroethane-d4	104%		%REC	70-145	Soil	0.71	315074	05/31/23	05/31/23	TCN
Toluene-d8	106%		%REC	70-145	Soil	0.71	315074	05/31/23	05/31/23	TCN
Bromofluorobenzene	97%		%REC	70-145	Soil	0.71	315074	05/31/23	05/31/23	TCN

Sample ID: B56-2.5FT	Lab ID: 485626-002	Collected: 05/20/23 14:20
Matrix: Soil		

485626-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 6020										
Prep Method: EPA 3050B										
Arsenic	3.7		mg/Kg	0.97	0.97	315965	06/13/23	06/14/23	JCP	

Analysis Results for 485626

Sample ID: B57-0.5FT	Lab ID: 485626-004	Collected: 05/20/23 14:35
Matrix: Soil		

485626-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Arsenic	11		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Barium	94		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Beryllium	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Cadmium	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Chromium	15		mg/Kg	0.96	0.96	314705	05/24/23	06/02/23	KLN
Cobalt	8.5		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Copper	82		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Lead	46		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Molybdenum	ND		mg/Kg	0.96	0.96	314705	05/24/23	06/02/23	KLN
Nickel	11		mg/Kg	0.96	0.96	314705	05/24/23	06/02/23	KLN
Selenium	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Silver	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Thallium	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Vanadium	36		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Zinc	95		mg/Kg	4.8	0.96	314705	05/24/23	05/25/23	KLN
Method: EPA 7199									
Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.97	315126	06/01/23 09:51	06/01/23 13:14	AJL
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8015B									
Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	2.6	0.86	315102	05/31/23	05/31/23	SXR
Surrogates									
Limits									
Bromofluorobenzene (FID)	77%		%REC	60-140	0.86	315102	05/31/23	05/31/23	SXR
Method: EPA 8015M									
Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	50	5	314769	05/25/23	05/26/23	SME
ORO C28-C44	160		mg/Kg	50	5	314769	05/25/23	05/26/23	SME
Surrogates									
Limits									
n-Triacontane		DO	%REC	70-130	5	314769	05/25/23	05/26/23	SME
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Isopropyl Ether (DIPE)	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN

Analysis Results for 485626

485626-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	0.98	315074	05/31/23	05/31/23	TCN
Freon 12	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Chloromethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Vinyl Chloride	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Bromomethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Chloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Trichlorofluoromethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Acetone	ND		ug/Kg	98	0.98	315074	05/31/23	05/31/23	TCN
Freon 113	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,1-Dichloroethene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Methylene Chloride	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
MTBE	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,1-Dichloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
2-Butanone	ND		ug/Kg	98	0.98	315074	05/31/23	05/31/23	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
2,2-Dichloropropane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Chloroform	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Bromochloromethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,1,1-Trichloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,1-Dichloropropene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Carbon Tetrachloride	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2-Dichloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Benzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Trichloroethene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2-Dichloropropane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Bromodichloromethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Dibromomethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	7.9	0.98	315074	05/31/23	05/31/23	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Toluene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,1,2-Trichloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,3-Dichloropropane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Tetrachloroethene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Dibromochloromethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2-Dibromoethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Chlorobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Ethylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
m,p-Xylenes	ND		ug/Kg	9.8	0.98	315074	05/31/23	05/31/23	TCN
o-Xylene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Styrene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Bromoform	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Isopropylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN

Analysis Results for 485626

485626-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2,3-Trichloropropane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Propylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Bromobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
2-Chlorotoluene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
4-Chlorotoluene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
tert-Butylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
sec-Butylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
para-Isopropyl Toluene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,3-Dichlorobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,4-Dichlorobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
n-Butylbenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2-Dichlorobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Hexachlorobutadiene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Naphthalene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN
Xylene (total)	ND		ug/Kg	4.9	0.98	315074	05/31/23	05/31/23	TCN

Surrogates			Limits						
Dibromofluoromethane	103%	%REC	70-145	0.98	315074	05/31/23	05/31/23	05/31/23	TCN
1,2-Dichloroethane-d4	101%	%REC	70-145	0.98	315074	05/31/23	05/31/23	05/31/23	TCN
Toluene-d8	107%	%REC	70-145	0.98	315074	05/31/23	05/31/23	05/31/23	TCN
Bromofluorobenzene	98%	%REC	70-145	0.98	315074	05/31/23	05/31/23	05/31/23	TCN

Method: EPA 8270C-SIM
 Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Fluorene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Anthracene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Pyrene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Chrysene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	500	50	314640	05/24/23	05/25/23	TJW

Analysis Results for 485626

485626-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Surrogates	Limits								
Nitrobenzene-d5	61%		%REC	27-125	50	314640	05/24/23	05/25/23	TJW
2-Fluorobiphenyl	66%		%REC	30-120	50	314640	05/24/23	05/25/23	TJW
Terphenyl-d14	75%		%REC	33-155	50	314640	05/24/23	05/25/23	TJW

DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1073798	Batch: 316340
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073798 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.030	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073799	Batch: 316340
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073799 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	1.909	2.000	mg/L	95%		80-120

Type: Matrix Spike	Lab ID: QC1073800	Batch: 316340
Matrix (Source ID): TCLP Leachate (485626-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073800 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	2.003	0.01091	2.000	mg/L	100%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1073801	Batch: 316340
Matrix (Source ID): TCLP Leachate (485626-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073801 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	1.969	0.01091	2.000	mg/L	98%		75-125	2	20	1

Type: Blank	Lab ID: QC1072687	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072687 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.30	06/14/23	06/14/23

Type: Lab Control Sample	Lab ID: QC1072688	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072688 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	3.919	4.000	mg/L	98%		80-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1072689	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072689 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Arsenic	4.080	4.000	mg/L	102%		80-120	4	20

Type: Blank	Lab ID: QC1073120	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073120 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.30	06/14/23	06/14/23

Type: Blank	Lab ID: QC1068300	Batch: 314705
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068300 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/24/23	05/25/23
Arsenic	ND		mg/Kg	1.0	05/24/23	05/25/23
Barium	ND		mg/Kg	1.0	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/24/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/24/23	05/25/23
Copper	ND		mg/Kg	1.0	05/24/23	05/25/23
Lead	ND		mg/Kg	1.0	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/24/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/24/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/24/23	05/25/23
Silver	ND		mg/Kg	0.50	05/24/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/24/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/24/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/24/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068301	Batch: 314705
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068301 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	102.7	100.0	mg/Kg	103%		80-120
Arsenic	102.1	100.0	mg/Kg	102%		80-120
Barium	107.8	100.0	mg/Kg	108%		80-120
Beryllium	108.0	100.0	mg/Kg	108%		80-120
Cadmium	97.13	100.0	mg/Kg	97%		80-120
Chromium	108.5	100.0	mg/Kg	109%		80-120
Cobalt	112.4	100.0	mg/Kg	112%		80-120
Copper	103.8	100.0	mg/Kg	104%		80-120
Lead	107.9	100.0	mg/Kg	108%		80-120
Molybdenum	105.5	100.0	mg/Kg	106%		80-120
Nickel	108.3	100.0	mg/Kg	108%		80-120
Selenium	95.35	100.0	mg/Kg	95%	b	80-120
Silver	46.90	50.00	mg/Kg	94%		80-120
Thallium	122.2	100.0	mg/Kg	122%	b,*	80-120
Vanadium	105.2	100.0	mg/Kg	105%		80-120
Zinc	105.2	100.0	mg/Kg	105%		80-120

Type: Post Digest Spike	Lab ID: QC1068302	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068302 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	100.2	1.500	98.04	mg/Kg	101%		75-125	0.98
Arsenic	104.7	4.730	98.04	mg/Kg	102%		75-125	0.98
Barium	156.1	56.08	98.04	mg/Kg	102%		75-125	0.98
Beryllium	101.8	ND	98.04	mg/Kg	104%		75-125	0.98
Cadmium	94.70	ND	98.04	mg/Kg	97%		75-125	0.98
Chromium	111.7	9.882	98.04	mg/Kg	104%		75-125	0.98
Cobalt	108.5	5.239	98.04	mg/Kg	105%		75-125	0.98
Copper	113.8	12.74	98.04	mg/Kg	103%		75-125	0.98
Lead	113.1	13.49	98.04	mg/Kg	102%		75-125	0.98
Molybdenum	102.4	ND	98.04	mg/Kg	104%		75-125	0.98
Nickel	105.2	5.096	98.04	mg/Kg	102%		75-125	0.98
Selenium	94.30	ND	98.04	mg/Kg	96%	b	75-125	0.98
Silver	44.48	ND	49.02	mg/Kg	91%		75-125	0.98
Thallium	111.0	ND	98.04	mg/Kg	113%	b	75-125	0.98
Vanadium	129.6	32.02	98.04	mg/Kg	100%		75-125	0.98
Zinc	145.3	47.98	98.04	mg/Kg	99%		75-125	0.98

Batch QC

Type: Matrix Spike	Lab ID: QC1068303	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068303 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	37.70	1.500	97.09	mg/Kg	37%	*	75-125	0.97
Arsenic	100.9	4.730	97.09	mg/Kg	99%		75-125	0.97
Barium	162.2	56.08	97.09	mg/Kg	109%		75-125	0.97
Beryllium	97.18	ND	97.09	mg/Kg	100%		75-125	0.97
Cadmium	92.32	ND	97.09	mg/Kg	95%		75-125	0.97
Chromium	111.1	9.882	97.09	mg/Kg	104%		75-125	0.97
Cobalt	107.1	5.239	97.09	mg/Kg	105%		75-125	0.97
Copper	114.5	12.74	97.09	mg/Kg	105%		75-125	0.97
Lead	110.9	13.49	97.09	mg/Kg	100%		75-125	0.97
Molybdenum	92.52	ND	97.09	mg/Kg	95%		75-125	0.97
Nickel	102.9	5.096	97.09	mg/Kg	101%		75-125	0.97
Selenium	88.10	ND	97.09	mg/Kg	91%	b	75-125	0.97
Silver	43.30	ND	48.54	mg/Kg	89%		75-125	0.97
Thallium	105.6	ND	97.09	mg/Kg	109%	b	75-125	0.97
Vanadium	131.0	32.02	97.09	mg/Kg	102%		75-125	0.97
Zinc	141.3	47.98	97.09	mg/Kg	96%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068304	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068304 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	39.51	1.500	97.09	mg/Kg	39%	*	75-125	5	41	0.97
Arsenic	96.21	4.730	97.09	mg/Kg	94%		75-125	5	35	0.97
Barium	156.9	56.08	97.09	mg/Kg	104%		75-125	3	20	0.97
Beryllium	96.60	ND	97.09	mg/Kg	99%		75-125	1	20	0.97
Cadmium	89.09	ND	97.09	mg/Kg	92%		75-125	4	20	0.97
Chromium	109.3	9.882	97.09	mg/Kg	102%		75-125	2	20	0.97
Cobalt	104.3	5.239	97.09	mg/Kg	102%		75-125	3	20	0.97
Copper	109.9	12.74	97.09	mg/Kg	100%		75-125	4	20	0.97
Lead	107.5	13.49	97.09	mg/Kg	97%		75-125	3	20	0.97
Molybdenum	91.52	ND	97.09	mg/Kg	94%		75-125	1	20	0.97
Nickel	101.6	5.096	97.09	mg/Kg	99%		75-125	1	20	0.97
Selenium	84.04	ND	97.09	mg/Kg	87%	b	75-125	5	20	0.97
Silver	42.17	ND	48.54	mg/Kg	87%		75-125	3	20	0.97
Thallium	103.6	ND	97.09	mg/Kg	107%	b	75-125	2	20	0.97
Vanadium	131.4	32.02	97.09	mg/Kg	102%		75-125	0	20	0.97
Zinc	144.7	47.98	97.09	mg/Kg	100%		75-125	2	20	0.97

Batch QC

Type: Blank	Lab ID: QC1072607	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072607 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/13/23	06/14/23

Type: Lab Control Sample	Lab ID: QC1072608	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072608 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	109.3	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC1072609	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072609 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	107.9	3.436	96.15	mg/Kg	109%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1072610	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072610 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	106.4	3.436	96.15	mg/Kg	107%		75-125	1	20	0.96

Type: Post Digest Spike	Lab ID: QC1072813	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072813 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	57.53	3.436	49.02	mg/Kg	110%		75-125	0.98

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Batch QC

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068309	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068309 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068310	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068310 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8328	0.8333	mg/Kg	100%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068311	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068311 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8446	0.04288	0.8475	mg/Kg	95%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1068312	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8576	0.04288	0.8621	mg/Kg	95%		75-125	0	20	1

Type: Lab Control Sample	Lab ID: QC1069678	Batch: 315102
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1069678 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	5.123	5.000	mg/Kg	102%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2177	0.2000	mg/Kg	109%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1069679	Batch: 315102
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1069679 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	5.062	5.000	mg/Kg	101%		70-130	1	20
Surrogates								
Bromofluorobenzene (FID)	0.2169	0.2000	mg/Kg	108%		60-140		

Type: Blank	Lab ID: QC1069680	Batch: 315102
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1069680 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	75	05/31/23	05/31/23
Surrogates						
Bromofluorobenzene (FID)	80%		%REC	60-140	05/31/23	05/31/23

Batch QC

Type: Blank	Lab ID: QC1069681	Batch: 315102
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1069681 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	3.0	05/31/23	05/31/23
Surrogates				Limits		
Bromofluorobenzene (FID)	77%		%REC	60-140	05/31/23	05/31/23

Type: Blank	Lab ID: QC1068524	Batch: 314769
Matrix: Miscell.	Method: EPA 8015M	Prep Method: EPA 3580M

QC1068524 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	9.9	05/25/23	05/25/23
ORO C28-C44	ND		mg/Kg	9.9	05/25/23	05/25/23
Surrogates				Limits		
n-Triacontane	91%		%REC	70-130	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068525	Batch: 314769
Matrix: Miscell.	Method: EPA 8015M	Prep Method: EPA 3580M

QC1068525 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	232.4	247.6	mg/Kg	94%		76-122
Surrogates						
n-Triacontane	10.23	9.906	mg/Kg	103%		70-130

Type: Matrix Spike	Lab ID: QC1068526	Batch: 314769
Matrix (Source ID): Soil (485190-017)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1068526 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	247.5	9.285	249.4	mg/Kg	96%		62-126	1
Surrogates								
n-Triacontane	10.29		9.975	mg/Kg	103%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1068527	Batch: 314769
Matrix (Source ID): Soil (485190-017)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1068527 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	245.7	9.285	248.4	mg/Kg	95%		62-126	0	35	0.99
Surrogates										
n-Triacontane	9.926		9.935	mg/Kg	100%		70-130			0.99

Batch QC

Type: Blank	Lab ID: QC1069563	Batch: 315074
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1069563 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	05/31/23	05/31/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/31/23	05/31/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	05/31/23	05/31/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	05/31/23	05/31/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	05/31/23	05/31/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	05/31/23	05/31/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	05/31/23	05/31/23
Freon 12	ND		ug/Kg	5.0	05/31/23	05/31/23
Chloromethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Vinyl Chloride	ND		ug/Kg	5.0	05/31/23	05/31/23
Bromomethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Chloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Trichlorofluoromethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Acetone	ND		ug/Kg	100	05/31/23	05/31/23
Freon 113	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1-Dichloroethene	ND		ug/Kg	5.0	05/31/23	05/31/23
Methylene Chloride	ND		ug/Kg	5.0	05/31/23	05/31/23
MTBE	ND		ug/Kg	5.0	05/31/23	05/31/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1-Dichloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
2-Butanone	ND		ug/Kg	100	05/31/23	05/31/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	05/31/23	05/31/23
2,2-Dichloropropane	ND		ug/Kg	5.0	05/31/23	05/31/23
Chloroform	ND		ug/Kg	5.0	05/31/23	05/31/23
Bromochloromethane	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1-Dichloropropene	ND		ug/Kg	5.0	05/31/23	05/31/23
Carbon Tetrachloride	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2-Dichloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Benzene	ND		ug/Kg	5.0	05/31/23	05/31/23
Trichloroethene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2-Dichloropropane	ND		ug/Kg	5.0	05/31/23	05/31/23
Bromodichloromethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Dibromomethane	ND		ug/Kg	5.0	05/31/23	05/31/23
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	05/31/23	05/31/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	05/31/23	05/31/23
Toluene	ND		ug/Kg	5.0	05/31/23	05/31/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
1,3-Dichloropropane	ND		ug/Kg	5.0	05/31/23	05/31/23
Tetrachloroethene	ND		ug/Kg	5.0	05/31/23	05/31/23
Dibromochloromethane	ND		ug/Kg	5.0	05/31/23	05/31/23

Batch QC

QC1069563 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Chlorobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
Ethylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
m,p-Xylenes	ND		ug/Kg	10	05/31/23	05/31/23
o-Xylene	ND		ug/Kg	5.0	05/31/23	05/31/23
Styrene	ND		ug/Kg	5.0	05/31/23	05/31/23
Bromoform	ND		ug/Kg	5.0	05/31/23	05/31/23
Isopropylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	05/31/23	05/31/23
Propylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
Bromobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
2-Chlorotoluene	ND		ug/Kg	5.0	05/31/23	05/31/23
4-Chlorotoluene	ND		ug/Kg	5.0	05/31/23	05/31/23
tert-Butylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
sec-Butylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
n-Butylbenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
Hexachlorobutadiene	ND		ug/Kg	5.0	05/31/23	05/31/23
Naphthalene	ND		ug/Kg	5.0	05/31/23	05/31/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	05/31/23	05/31/23
Xylene (total)	ND		ug/Kg	5.0	05/31/23	05/31/23
Surrogates				Limits		
Dibromofluoromethane	104%		%REC	70-130	05/31/23	05/31/23
1,2-Dichloroethane-d4	97%		%REC	70-145	05/31/23	05/31/23
Toluene-d8	110%		%REC	70-145	05/31/23	05/31/23
Bromofluorobenzene	100%		%REC	70-145	05/31/23	05/31/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1069564	Batch: 315074
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1069564 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.64	50.00	ug/Kg	113%		70-131
MTBE	42.84	50.00	ug/Kg	86%		69-130
Benzene	47.49	50.00	ug/Kg	95%		70-130
Trichloroethene	55.62	50.00	ug/Kg	111%		70-130
Toluene	50.82	50.00	ug/Kg	102%		70-130
Chlorobenzene	55.27	50.00	ug/Kg	111%		70-130
Surrogates						
Dibromofluoromethane	52.69	50.00	ug/Kg	105%		70-130
1,2-Dichloroethane-d4	49.70	50.00	ug/Kg	99%		70-145
Toluene-d8	50.15	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	47.45	50.00	ug/Kg	95%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1069565	Batch: 315074
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1069565 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	54.71	50.00	ug/Kg	109%		70-131	3	33
MTBE	45.38	50.00	ug/Kg	91%		69-130	6	30
Benzene	46.38	50.00	ug/Kg	93%		70-130	2	30
Trichloroethene	53.77	50.00	ug/Kg	108%		70-130	3	30
Toluene	49.52	50.00	ug/Kg	99%		70-130	3	30
Chlorobenzene	53.83	50.00	ug/Kg	108%		70-130	3	30
Surrogates								
Dibromofluoromethane	52.32	50.00	ug/Kg	105%		70-130		
1,2-Dichloroethane-d4	49.39	50.00	ug/Kg	99%		70-145		
Toluene-d8	49.25	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	49.13	50.00	ug/Kg	98%		70-145		

Batch QC

Type: Blank	Lab ID: QC1068078	Batch: 314640
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068078 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
2-Methylnaphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
Naphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
Acenaphthylene	ND		ug/Kg	9.9	05/24/23	05/24/23
Acenaphthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Fluorene	ND		ug/Kg	9.9	05/24/23	05/24/23
Phenanthrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(a)anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Chrysene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(b)fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(k)fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(a)pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	05/24/23	05/24/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/24/23	05/24/23
2-Fluorobiphenyl	82%		%REC	30-120	05/24/23	05/24/23
Terphenyl-d14	85%		%REC	33-155	05/24/23	05/24/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068079	Batch: 314640
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068079 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	159.7	200.0	ug/Kg	80%		28-130
2-Methylnaphthalene	154.5	200.0	ug/Kg	77%		33-130
Naphthalene	155.7	200.0	ug/Kg	78%		25-130
Acenaphthylene	159.4	200.0	ug/Kg	80%		28-130
Acenaphthene	156.6	200.0	ug/Kg	78%		32-130
Fluorene	154.0	200.0	ug/Kg	77%		35-130
Phenanthrene	150.5	200.0	ug/Kg	75%		35-132
Anthracene	168.0	200.0	ug/Kg	84%		34-136
Fluoranthene	151.8	200.0	ug/Kg	76%		34-139
Pyrene	152.6	200.0	ug/Kg	76%		35-134
Benzo(a)anthracene	141.3	200.0	ug/Kg	71%		30-132
Chrysene	157.3	200.0	ug/Kg	79%		29-130
Benzo(b)fluoranthene	152.9	200.0	ug/Kg	76%		32-137
Benzo(k)fluoranthene	171.5	200.0	ug/Kg	86%		32-130
Benzo(a)pyrene	167.8	200.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	185.8	200.0	ug/Kg	93%		34-132
Dibenz(a,h)anthracene	190.5	200.0	ug/Kg	95%		32-130
Benzo(g,h,i)perylene	194.2	200.0	ug/Kg	97%		27-130
Surrogates						
Nitrobenzene-d5	170.3	200.0	ug/Kg	85%		27-125
2-Fluorobiphenyl	152.7	200.0	ug/Kg	76%		30-120
Terphenyl-d14	151.9	200.0	ug/Kg	76%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068080	Batch: 314640
Matrix (Source ID): Soil (485515-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068080 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	178.1	ND	200.0	ug/Kg	89%		25-130	5
2-Methylnaphthalene	185.6	ND	200.0	ug/Kg	93%		32-133	5
Naphthalene	222.0	ND	200.0	ug/Kg	111%		33-130	5
Acenaphthylene	136.6	ND	200.0	ug/Kg	68%		14-157	5
Acenaphthene	132.0	ND	200.0	ug/Kg	66%		28-134	5
Fluorene	134.2	ND	200.0	ug/Kg	67%		27-140	5
Phenanthrene	152.8	21.83	200.0	ug/Kg	65%		29-147	5
Anthracene	149.8	ND	200.0	ug/Kg	75%		24-156	5
Fluoranthene	177.1	43.27	200.0	ug/Kg	67%		28-160	5
Pyrene	184.4	39.57	200.0	ug/Kg	72%		26-153	5
Benzo(a)anthracene	133.6	15.21	200.0	ug/Kg	59%		26-174	5
Chrysene	158.7	29.81	200.0	ug/Kg	64%		40-139	5
Benzo(b)fluoranthene	142.2	26.49	200.0	ug/Kg	58%		36-164	5
Benzo(k)fluoranthene	146.0	ND	200.0	ug/Kg	73%		36-161	5
Benzo(a)pyrene	148.9	18.65	200.0	ug/Kg	65%		18-173	5
Indeno(1,2,3-cd)pyrene	145.8	15.56	200.0	ug/Kg	65%		26-154	5
Dibenz(a,h)anthracene	133.0	ND	200.0	ug/Kg	66%		38-132	5
Benzo(g,h,i)perylene	154.1	21.14	200.0	ug/Kg	66%		36-130	5
Surrogates								
Nitrobenzene-d5	121.4		200.0	ug/Kg	61%		27-125	5
2-Fluorobiphenyl	121.2		200.0	ug/Kg	61%		30-120	5
Terphenyl-d14	139.4		200.0	ug/Kg	70%		33-155	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068081	Batch: 314640
Matrix (Source ID): Soil (485515-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068081 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	144.6	ND	199.0	ug/Kg	73%		25-130	20	35	5
2-Methylnaphthalene	130.3	ND	199.0	ug/Kg	65%		32-133	35	35	5
Naphthalene	138.2	ND	199.0	ug/Kg	69%		33-130	46*	35	5
Acenaphthylene	141.3	ND	199.0	ug/Kg	71%		14-157	4	35	5
Acenaphthene	135.0	ND	199.0	ug/Kg	68%		28-134	3	35	5
Fluorene	134.7	ND	199.0	ug/Kg	68%		27-140	1	35	5
Phenanthrene	146.1	21.83	199.0	ug/Kg	62%		29-147	4	35	5
Anthracene	150.7	ND	199.0	ug/Kg	76%		24-156	1	35	5
Fluoranthene	174.5	43.27	199.0	ug/Kg	66%		28-160	1	35	5
Pyrene	178.8	39.57	199.0	ug/Kg	70%		26-153	3	35	5
Benzo(a)anthracene	132.8	15.21	199.0	ug/Kg	59%		26-174	0	35	5
Chrysene	153.2	29.81	199.0	ug/Kg	62%		40-139	3	35	5
Benzo(b)fluoranthene	138.3	26.49	199.0	ug/Kg	56%		36-164	2	35	5
Benzo(k)fluoranthene	140.2	ND	199.0	ug/Kg	70%		36-161	4	35	5
Benzo(a)pyrene	143.6	18.65	199.0	ug/Kg	63%		18-173	3	35	5
Indeno(1,2,3-cd)pyrene	143.7	15.56	199.0	ug/Kg	64%		26-154	1	35	5
Dibenz(a,h)anthracene	134.6	ND	199.0	ug/Kg	68%		38-132	2	35	5
Benzo(g,h,i)perylene	147.9	21.14	199.0	ug/Kg	64%		36-130	4	35	5
Surrogates										
Nitrobenzene-d5	132.5		199.0	ug/Kg	67%		27-125			5
2-Fluorobiphenyl	131.5		199.0	ug/Kg	66%		30-120			5
Terphenyl-d14	146.3		199.0	ug/Kg	74%		33-155			5

* Value is outside QC limits

ND Not Detected

b See narrative

Laboratory Job Number 485626

Subcontracted Products

Ceres



CERES Analytical Laboratory, Inc.

4919 Windplay Dr, Suite 1, El Dorado Hills, CA 95762



June 5, 2023

Ceres ID: 16405

Enthalpy Analytical, Inc.
931 W. Barkley Ave.
Orange, CA 92868

The following report contains the results for the one soil sample received on May 25, 2023. This sample was analyzed for tetra through octa chlorinated dioxins and dibenzofurans by EPA method 8290. Routine turn-around time was provided for this work.

This work was authorized under Enthalpy Order #: EO-485626, and PO# 046592.

Continuing Calibration Verification (CCV) Requirements

All associated calibration verification standard(s) (CCV) met the acceptance criteria.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

<u>Ceres Sample ID:</u>	<u>Sample ID</u>	<u>Date Received</u>	<u>Collection Date & Time</u>
16405-001	N57-0.5FT	5/25/2023	5/20/2023 14:35

Section II: Data Summary



EPA Method 8290A

Quality Assurance Sample Method Blank	QC Batch #: 2878 Matrix: Soil Sample Size: 10.00 g	Date Received: NA Date Extracted: 6/1/2023 Date Analyzed: 6/4/2023
Project ID: EO-485626		

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 0.162	0.172	0.500		13C-2378-TCDD	80.8	40-135	
12378-PeCDD	DL= 0.922	0.327	2.50		13C-12378-PeCDD	88.0	40-135	
123478-HxCDD	DL= 0.632	0.327	2.50		13C-123478-HxCDD	80.3	40-135	
123678-HxCDD	DL= 0.643	0.655	2.50		13C-123678-HxCDD	88.1	40-135	
123789-HxCDD	DL= 0.582	0.315	2.50		13C-1234678-HpCDD	88.4	40-135	
1234678-HpCDD	DL= 0.705	0.409	2.50		13C-OCDD	96.6	40-135	
OCDD	DL= 0.871	1.01	5.00		13C-2378-TCDF	81.7	40-135	
2,3,7,8-TCDF	DL= 0.133	0.0886	0.500		13C-12378-PeCDF	77.1	40-135	
12378-PeCDF	DL= 0.540	0.412	2.50		13C-23478-PeCDF	96.1	40-135	
23478-PeCDF	DL= 0.523	0.422	2.50		13C-123478-HxCDF	84.0	40-135	
123478-HxCDF	DL= 0.424	0.518	2.50		13C-123678-HxCDF	84.3	40-135	
123678-HxCDF	DL= 0.422	0.533	2.50		13C-234678-HxCDF	85.9	40-135	
234678-HxCDF	DL= 0.426	0.319	2.50		13C-123789-HxCDF	81.3	40-135	
123789-HxCDF	DL= 0.602	0.425	2.50		13C-1234678-HpCDF	83.7	40-135	
1234678-HpCDF	DL= 0.530	0.279	2.50		13C-1234789-HpCDF	83.4	40-135	
1234789-HpCDF	DL= 0.725	0.378	2.50					
OCDF	DL= 0.822	0.461	5.00					
Totals	Conc. (pg/g)	EMPC			CRS			
Total TCDD	DL= 0.162				37C14-2378-TCDD	112	40-135	
Total PeCDD	DL= 0.922							
Total HxCDD	DL= 0.643							
Total HpCDD	DL= 0.705							
Total TCDF	DL= 0.133							
Total PeCDF	DL= 0.540							
Total HxCDF	DL= 0.602							
Total HpCDF	DL= 0.725							
DL - Signifies Non-Detect (ND<) sample specific detection limit. EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit (b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.								

Total Toxic Equivalency (TEQ min.) (b):	0.0 pg/g
--	----------

Analyst: JMH **Reviewed by: BS**



EPA Method 8290A

Quality Assurance Samples Laboratory Control Samples	QC Batch #: 2878 Matrix: Soil Sample Size: 10.00 g	Date Received: NA Date Extracted: 6/1/2023 Date Analyzed: 6/4/2023
Project ID: EO-485626		

Analyte	LCS1 % Rec.	LCS2 % Rec.	%RSD	Labeled Standards	LCS1 % Rec.	LCS2 % Rec	Limits (a)
2,3,7,8-TCDD	103	104	0.683	13C-2378-TCDD	95.1	86.9	40-135
12378-PeCDD	99	101	1.41	13C-12378-PeCDD	85.3	74.8	40-135
123478-HxCDD	111	98.8	8.22	13C-123478-HxCDD	68.4	81.6	40-135
123678-HxCDD	93.6	107	9.45	13C-123678-HxCDD	89.5	67.3	40-135
123789-HxCDD	90.8	93	1.69	13C-1234678-HpCDD	74.1	79.3	40-135
1234678-HpCDD	107	107	0.00	13C-OCDD	71.1	84.9	40-135
OCDD	95	98.7	2.70	13C-2378-TCDF	85.6	77.3	40-135
2,3,7,8-TCDF	97.6	96.1	1.10	13C-12378-PeCDF	83.0	71.1	40-135
12378-PeCDF	96.2	100	2.74	13C-23478-PeCDF	80.2	74.0	40-135
23478-PeCDF	107	108	0.658	13C-123478-HxCDF	75.8	72.8	40-135
123478-HxCDF	107	104	2.01	13C-123678-HxCDF	79.1	77.6	40-135
123678-HxCDF	100	101	0.704	13C-234678-HxCDF	79.1	74.3	40-135
234678-HxCDF	98.8	103	2.94	13C-123789-HxCDF	72.2	76.6	40-135
123789-HxCDF	105	104	0.677	13C-1234678-HpCDF	73.0	68.2	40-135
1234678-HpCDF	106	113	4.52	13C-1234789-HpCDF	73.6	71.5	40-135
1234789-HpCDF	99.4	106	4.54				
OCDF	96.2	97.7	1.09				
				CRS			
				37Cl4-2378-TCDD	130	127	40-135
				(a) Limits based on method acceptance criteria.			

Analyst: JMH

Reviewed by: BS



EPA Method 8290A

Client Sample ID: B57-0.5FT		
Project ID: EO-485626	Ceres Sample ID: 16405-001	Date Received: 5/25/2023
Date Collected: 5/20/2023	QC Batch #: 2878	Date Extracted: 6/1/2023
Time Collected: 14:35	Matrix: Soil	Date Analyzed: 6/4/2023
	Sample Size: 10.82 g	% Solids: 92.6

Analyte	Conc. (pg/g)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	DL= 0.199	0.172	0.499		13C-2378-TCDD	91.4	40-135	
12378-PeCDD	2.30	0.327	2.50	J	13C-12378-PeCDD	73.1	40-135	
123478-HxCDD	2.80	0.327	2.50		13C-123478-HxCDD	83.7	40-135	
123678-HxCDD	3.59	0.655	2.50		13C-123678-HxCDD	87.7	40-135	
123789-HxCDD	1.67	0.315	2.50	J	13C-1234678-HpCDD	79.4	40-135	
1234678-HpCDD	57.5	0.409	2.50		13C-OCDD	69.9	40-135	
OCDD	331	1.01	4.99		13C-2378-TCDF	93.9	40-135	
2,3,7,8-TCDF	0.657	0.0886	0.499		13C-12378-PeCDF	68.5	40-135	
12378-PeCDF	1.30	0.412	2.50	J	13C-23478-PeCDF	65.4	40-135	
23478-PeCDF	3.56	0.422	2.50		13C-123478-HxCDF	80.3	40-135	
123478-HxCDF	2.49	0.518	2.50	J	13C-123678-HxCDF	76.0	40-135	
123678-HxCDF	5.42	0.533	2.50		13C-234678-HxCDF	85.0	40-135	
234678-HxCDF	10.5	0.319	2.50		13C-123789-HxCDF	87.6	40-135	
123789-HxCDF	1.17	0.425	2.50	J	13C-1234678-HpCDF	70.6	40-135	
1234678-HpCDF	16.2	0.279	2.50		13C-1234789-HpCDF	82.1	40-135	
1234789-HpCDF	DL= 0.956	0.378	2.50					
OCDF	24.4	0.461	4.99					
Totals	Conc. (pg/g)	EMPC			CRS			
Total TCDD	0.920	1.53			37Cl4-2378-TCDD	127	40-135	
Total PeCDD	6.22				DL - Signifies Non-Detect (ND<) sample specific detection limit.			
Total HxCDD	22.6				EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.			
Total HpCDD	103				(a) - Lower control limit - Upper control limit			
Total TCDF	158				(b) - TEQ based on (2005) World Health Organization (WHO) Toxic Equivalent Factors.			
Total PeCDF	404							
Total HxCDF	143							
Total HpCDF	38.9							

Total Toxic Equivalency (TEQ min.) (b): 7.08 pg/g

Analyst: JMH

Reviewed by: BS

Section VI: Sample Tracking

Subcontract Laboratory:

 Ceres
 4919 Windplay Dr
 El Dorado Hills, CA 95762
 ATTN: James Hedin
 PO #: Required, to be sent via email

Enthalpy Order: EO-485626

 PM: Ranjit K Clarke
 Email: Ranjit.Clarke@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-9906

Results Due: Standard TAT

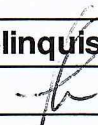
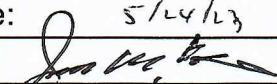
Report Level: II

Report To: RL

EDDs:

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B57-0.5FT	20-MAY-2023 14:35	485626-004	1	Soil	EPA 8290 - Dioxins/Furans	Dioxins/Furans

Notes:	Relinquished By:	Received By:
		GLS 519403702
	Date: 5/24/23 1630	Date: 5/24/23
	GLS	
	Date: 5/25/23 1136	Date: 5/25/23 1136
	Date:	Date:

Sample Receipt Check List Logged by: J (initials)

Ceres ID: <u>16405</u>	Date/Time: <u>5/25/23 1136</u>
Client Project ID: <u>EO-485626</u>	Received Temp: <u>2-6</u> °C Acceptable: <u>Y</u> /N
Chain of Custody Relinquished by signed?	<u>Y</u> /N
Chain of Custody Received by signed?	<u>Y</u> /N
Custody Seals? Present?	Y/N
Intact?	Y/N
NA:	<u>NA</u>
Unlabeled / Illegible Samples	Y/ <u>N</u>
Proper Containers:	<u>Y</u> /N
Preservation Acceptable (Chemical or Temperature)?	<u>Y</u> /N
Drinking Water, Sodium Thiosulfate present? Residual Cl?	Y/N/ <u>NA</u> Y/N/ <u>NA</u>
Aqueous sample pH: _____	<u>NA</u>
List COC discrepancies:	<u>J 5/25/23</u>
List Damaged Samples:	<u>J 5/25/23</u>

Section VII: Qualifiers/Abbreviations

J	Concentration found below the lower quantitation limit but greater than zero.
B	Analyte present in the associated Method Blank.
E	Concentration found exceeds the Calibration range of the HRGC/HRMS.
D	This analyte concentration was calculated from a dilution.
X	The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.
H	Recovery limits exceeded. See cover letter.
*	Results taken from dilution.
I	Interference. See cover letter.
Conc.	Concentration Found
DL	Calculated Detection Limit
ND	Non-Detect
% Rec.	Percent Recovery



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485627
Report Level: II
Report Date: 06/02/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene	Lab Job #:	485627
CES Group, Inc.	Project No:	IRVING MS
33175 Temecula Pkwy	Location:	3010 Estara Ave., Los Angeles, CA 90065
Ste. A-734	Date Received:	05/23/23
Temecula, CA 92592		

Sample ID	Lab ID	Collected	Matrix
B14 -0.5FT	485627-001	05/20/23 12:30	Soil
B14 -2.5FT	485627-002	05/20/23 12:35	Soil
B15 -0.5FT	485627-003	05/20/23 12:35	Soil
B15 -2.5FT	485627-004	05/20/23 12:40	Soil
B14-0.5FT, B15-0.5FT COMP	485627-005	05/20/23 00:00	Soil
B16-0.5FT	485627-006	05/20/23 11:55	Soil
B16-2.5FT	485627-007	05/20/23 12:00	Soil
B17-0.5FT	485627-008	05/20/23 12:45	Soil
B17-2.5FT	485627-009	05/20/23 12:50	Soil
B16-0.5FT, B17-0.5FT COMP	485627-010	05/20/23 00:00	Soil
B18-0.5FT	485627-011	05/20/23 13:05	Soil
B18-2.5FT	485627-012	05/20/23 13:10	Soil
B19-0.5FT	485627-013	05/20/23 13:40	Soil
B19-2.5FT	485627-014	05/20/23 13:45	Soil
B18-0.5FT, B19-0.5FT COMP	485627-015	05/20/23 00:00	Soil
B20-0.5FT	485627-016	05/20/23 13:00	Soil
B20-2.5FT	485627-017	05/20/23 13:10	Soil
B21-0.5FT	485627-018	05/20/23 13:20	Soil
B21-2.5FT	485627-019	05/20/23 13:30	Soil
B20-0.5FT, B21-0.5FT COMP	485627-020	05/20/23 00:00	Soil
B22-0.5FT	485627-021	05/20/23 13:35	Soil
B22-2.5FT	485627-022	05/20/23 13:45	Soil
B23-0.5FT	485627-023	05/20/23 13:20	Soil
B23-2.5FT	485627-024	05/20/23 13:25	Soil
B22-0.5FT, B23-0.5FT COMP	485627-025	05/20/23 00:00	Soil
B22D-0.5FT	485627-026	05/20/23 13:35	Soil

Sample Summary

Skye Greene	Lab Job #:	485627
CES Group, Inc.	Project No:	IRVING MS
33175 Temecula Pkwy	Location:	3010 Estara Ave., Los Angeles, CA 90065
Ste. A-734	Date Received:	05/23/23
Temecula, CA 92592		

Sample ID	Lab ID	Collected	Matrix
B22D-2.5FT	485627-027	05/20/23 13:45	Soil

Case Narrative

CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592
Skye Greene

Lab Job Number: 485627
Project No: IRVING MS
Location: 3010 Estara Ave., Los Angeles, CA 90065
Date Received: 05/23/23

This data package contains sample and QC results for eleven soil samples and five two-point soil composites, requested for the above referenced project on 05/23/23. The samples were received cold and intact.

Pesticides (EPA 8081A):

- High recoveries were observed for methoxychlor in the MS/MSD of B37-0.5FT, B39-0.5FT COMPOSITE (lab # 485622-017); the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- B14-0.5FT, B15-0.5FT COMP (lab # 485627-005), B20-0.5FT, B21-0.5FT COMP (lab # 485627-020), and B22-0.5FT, B23-0.5FT COMP (lab # 485627-025) were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- High responses were observed for selenium and thallium in the CCV analyzed 05/25/23 11:28; affected data was qualified with "b".
- High responses were observed for selenium and thallium in the CCV analyzed 05/25/23 12:07; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 18:54; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 19:35; affected data was qualified with "b".
- High recovery was observed for thallium in the LCS for batch 314705; this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for antimony in the MS/MSD for batch 314705; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for antimony in the MS/MSD for batch 314748; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- High recovery was observed for lead in the MS of B60-0.5FT (lab # 485621-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)			
806 N. Batavia St., Orange, CA 92868		Lab No: 485627		Standard: X		4 Day:	3 Day:
Phone: (714) 771-6900 Fax: (714) 771-9933		Page: 1 of 3		2 Day:		1 Day:	Same Day:
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃			
c/o Montrose Environmental Group		FL = Food Liquid FS = Food Solid L = Liquid		4 = H ₂ SO ₄ 5 = NaOH 6 = Other			
1 Park Plaza, Suite 1000, Irvine, CA 92614		PP = Pure Product S = Solid SeaW = Sea Water					
		SW = Swab W = Water WP = Wipe O = Other					



CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request										Test Instructions / Comments		
Company:	CES Group	Name:	Irving MS	Sampled By:	D. Bayssa	Lead (6010B)	Asenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold				
Report To:	Skye Green	Quote No.:	CES030223A	Matrix	S	X	X	X	X	X	X	X	X	X				
Email:	sgreen@cesgroup.co	P.O. #:	34423	Container No. / Size	1/8oz, 1/2oz													
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave	Sampling Time	12:30 PM													
	Temecula, CA 92592		Los Angeles, CA 90065	Sampling Date	05/20/23													
Phone:	714-398-6363	Global ID:																
Fax:	951-848-9812																	
1	B14 - 0.5ft				05/20/23	S	1/8oz, 1/2oz											
2	B14 - 2.5ft				05/20/23	S	1/8oz											
3	B15 - 0.5ft				05/20/23	S	1/8oz, 1/2oz	X	X									
4	B15 - 2.5ft				05/20/23	S	1/8oz											
5	B14 - 0.5ft, B15 - 0.5ft Composite				05/20/23	S			X									
6	B16 - 0.5ft				05/20/23	S	1/8oz, 1/2oz	X	X	X	X	X	X					
7	B16 - 2.5ft				05/20/23	S	1/8oz											
8	B17 - 0.5ft				05/20/23	S	1/8oz, 1/2oz	X	X									
9	B17 - 2.5ft				05/20/23	S	1/8oz											
10	B16 - 0.5ft, B17 - 0.5ft Composite				05/20/23	S			X									

4.0 / 2.3

Analyze 0.5 samples. Hold deeper samples.

Signature	Print Name	Company / Title	Date / Time
<i>[Signature]</i>	Danny Bayssa	CES Group/ Field Supervisor	5/23/23 11:35
Relinquished By:			
Received By:	<i>[Signature]</i>	<i>[Signature]</i>	5-23-23 (155)
Relinquished By:			
Received By:			

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)	
806 N. Batavia St., Orange, CA 92868		Lab No: 485687		Standard: X 4 Day: 3 Day:	
Phone: (714) 771-6900 Fax: (714) 771-9933		Page: 2 of 3		2 Day: 1 Day: Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃	
c/o Montrose Environmental Group		FL = Food Liquid FS = Food Solid L = Liquid		4 = H ₂ SO ₄ 5 = NaOH 6 = Other	
1 Park Plaza, Suite 1000, Irvine, CA 92614		PP = Pure Product S = Solid SeaW = Sea Water			
		SW = Swab W = Water WP = Wipe O = Other			



CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request		Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS				
Report To:	Skye Green	Number:	CES030223A				
Email:	sgreen@cesgroup.co	P.O. #:	34423				
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave				
	Temecula, CA 92592		Los Angeles, CA 90065				
Phone:	714-398-6363	Global ID:					
Fax:	951-848-9812	Sampled By:	D. Baysa				

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold
1 B18 - 0.5ft	05/20/23	1:05 PM	S	1/8oz, 1/2oz		X	X	X						
2 B18 - 2.5ft	05/20/23	1:10 PM	S	1/8oz									X	
3 B19 - 0.5ft	05/20/23	1:40 PM	S	1/8oz, 1/2oz		X	X							
4 B19 - 2.5ft	05/20/23	1:45 PM	S	1/8oz									X	
5 B18 - 0.5ft, B19 - 0.5ft Composite	05/20/23		S						X					Composite in lab
6 B20 - 0.5ft	05/20/23	1:00 PM	S	1/8oz, 1/2oz		X	X	X						
7 B20 - 2.5ft	05/20/23	1:10 PM	S	1/8oz									X	
8 B21 - 0.5ft	05/20/23	1:20 PM	S	1/8oz, 1/2oz		X	X	X						
9 B21 - 2.5ft	05/20/23	1:30 PM	S	1/8oz									X	
10 B20 - 0.5ft, B21 - 0.5ft Composite	05/20/23		S						X					Composite in lab

Signature		Print Name		Company / Title		Date / Time	
		Danny Baysa		CES Group/ Field Supervisor		5/23/23 11:55	
1 Relinquished By:		1 Received By:		2 Relinquished By:		2 Received By:	
		NG					

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 185627
 Page: 3 of 3

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: X
 3 Day:
 4 Day:
 1 Day:
 Same Day:

CUSTOMER INFORMATION

Company: CES Group
 Report To: Skye Green
 Email: sgreen@cesgroup.co
 Address: 33175 Temecula Pkwy, Suite A-734
 Temecula, CA 92592
 Phone: 714-398-6363
 Fax: 951-848-9812

PROJECT INFORMATION

Name: Irving MS
 Number: CES030223A
 P.O. #: 34423
 Address: 3010 Estara Ave
 Los Angeles, CA 90065
 Global ID:
 Sampled By: D. Baysa

Analysis Request

Lead (6010B) X X X
 Arsenic (6020) X X X
 PLM - Asbestos (Presence/Absence) X X X
 Organochlorine Pesticides (8081A) X
 PCBs (8082) X X X
 Title 22 Metals (6010B/7471A) X X X
 Hex Chrom 7199 X X X
 PAHs (Low Level) 8270 SIM X X X

Test Instructions / Comments

Analyze 0.5' samples. Hold deeper samples.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B22 - 0.5ft	05/20/23	1:35 PM	S	1/8oz, 1/2oz	
2 B22 - 2.5ft	05/20/23	1:45 PM	S	1/8oz	
3 B23 - 0.5ft	05/20/23	1:20 PM	S	1/8oz, 1/2oz	
4 B23 - 2.5ft	05/20/23	1:25 PM	S	1/8oz	
5 B22 - 0.5ft, B23 - 0.5ft Composite	05/20/23		S		
6 B22D - 0.5ft	05/20/23	1:35 PM	S	1/8oz, 1/2oz	
7 B22D - 2.5ft	05/20/23	1:45 PM	S	1/8oz	
8					
9					
10					

Signature: *[Signature]*
 Print Name: Danny Baysa
 Company / Title: CES Group/ Field Supervisor
 Date / Time: 5/23/23 11:55 AM
 Relinquished By: *[Signature]*
 Received By: *[Signature]*
 Relinquished By: *[Signature]*
 Received By: *[Signature]*



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: CES Group Project: Irving MS
 Date Received: 5/23/23 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 4.0 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 2.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): _____ / _____
 Project Manager's response:

Completed By: *Olivia Sylvestre* Date: 5/23/23

Analysis Results for 485627

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485627
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles, CA 90065
 Date Received: 05/23/23

Sample ID: B14 -0.5FT Lab ID: 485627-001 Collected: 05/20/23 12:30
Matrix: Soil

485627-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	43		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	8.8		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP

Sample ID: B15 -0.5FT Lab ID: 485627-003 Collected: 05/20/23 12:35
Matrix: Soil

485627-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	16		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.8		mg/Kg	0.97	0.97	314751	05/25/23	05/26/23	JCP

Analysis Results for 485627

Sample ID: B14-0.5FT, B15-0.5FT COMP	Lab ID: 485627-005 Matrix: Soil	Collected: 05/20/23
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485627-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
4,4'-DDE	14		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
4,4'-DDT	14		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	20	2	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	200	2	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	100	2	314902	05/26/23	06/01/23	MES
Surrogates				Limits					
TCMX	94%		%REC	23-120	2	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	93%		%REC	24-120	2	314902	05/26/23	06/01/23	MES

Analysis Results for 485627

Sample ID: B16-0.5FT	Lab ID: 485627-006	Collected: 05/20/23 11:55
Matrix: Soil		

485627-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Barium	89		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Beryllium	0.54		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Cadmium	0.77		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Chromium	23		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Cobalt	15		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Copper	15		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Lead	6.2		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Molybdenum	3.1		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Nickel	17		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Selenium	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Silver	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Thallium	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Vanadium	55		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Zinc	38		mg/Kg	4.8	0.96	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP
Thallium	ND		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	315126	06/01/23 09:51	06/01/23 15:37	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1221	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1232	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1242	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1248	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1254	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1260	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1262	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1268	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	85%		%REC	19-121	1	314902	05/26/23	06/01/23	MES

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Analysis Results for 485627

485627-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	69		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	190		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Naphthalene	470		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthene	48		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluorene	58		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Phenanthrene	150		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Anthracene	39		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluoranthene	63		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Pyrene	48		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Chrysene	12		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Surrogates				Limits					
Nitrobenzene-d5	74%		%REC	27-125	1	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	64%		%REC	30-120	1	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	64%		%REC	33-155	1	314752	05/25/23	05/25/23	TJW

Sample ID: B17-0.5FT	Lab ID: 485627-008	Collected: 05/20/23 12:45
Matrix: Soil		

485627-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	32		mg/Kg	0.97	0.97	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	7.7		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP

Analysis Results for 485627

Sample ID: B16-0.5FT,B17-0.5FT COMP	Lab ID: 485627-010 Matrix: Soil	Collected: 05/20/23
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485627-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	10	1	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	100	1	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
TCMX	90%		%REC	23-120	1	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	104%		%REC	24-120	1	314902	05/26/23	06/01/23	MES

Sample ID: B18-0.5FT	Lab ID: 485627-011 Matrix: Soil	Collected: 05/20/23 13:05
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485627-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.1		mg/Kg	0.96	0.96	315109	05/25/23	05/30/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.4		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP

Analysis Results for 485627

Sample ID: B19-0.5FT	Lab ID: 485627-013	Collected: 05/20/23 13:40
	Matrix: Soil	

485627-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	0.97	0.97	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.3		mg/Kg	0.98	0.98	314751	05/25/23	05/26/23	JCP

Sample ID: B18-0.5.FT, B19-0.5FT COMP	Lab ID: 485627-015	Collected: 05/20/23
	Matrix: Soil	

485627-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	99	0.99	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Surrogates				Limits					
TCMX	84%		%REC	23-120	0.99	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	82%		%REC	24-120	0.99	314902	05/26/23	06/01/23	MES

Analysis Results for 485627

Sample ID: B20-0.5FT	Lab ID: 485627-016	Collected: 05/20/23 13:00
	Matrix: Soil	

485627-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	0.97	0.97	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.1		mg/Kg	0.97	0.97	314751	05/25/23	05/26/23	JCP

Sample ID: B21-0.5FT	Lab ID: 485627-018	Collected: 05/20/23 13:20
	Matrix: Soil	

485627-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.2		mg/Kg	0.97	0.97	314751	05/25/23	05/26/23	JCP

Analysis Results for 485627

Sample ID: B20-0.5FT, B21-0.5FT COMP	Lab ID: 485627-020 Matrix: Soil	Collected: 05/20/23
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485627-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	9.9	2	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	20	2	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	200	2	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	99	2	314902	05/26/23	06/01/23	MES
Surrogates				Limits					
TCMX	98%		%REC	23-120	2	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	92%		%REC	24-120	2	314902	05/26/23	06/01/23	MES

Analysis Results for 485627

Sample ID: B22-0.5FT	Lab ID: 485627-021	Collected: 05/20/23 13:35
Matrix: Soil		

485627-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Barium	100		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Beryllium	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Cadmium	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Chromium	18		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Cobalt	7.5		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Copper	16		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Lead	21		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Molybdenum	1.4		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Nickel	14		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Selenium	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Silver	ND		mg/Kg	0.48	0.96	314705	05/24/23	05/25/23	KLN
Thallium	ND		mg/Kg	2.9	0.96	314705	05/24/23	05/25/23	KLN
Vanadium	48		mg/Kg	0.96	0.96	314705	05/24/23	05/25/23	KLN
Zinc	62		mg/Kg	4.8	0.96	314705	05/24/23	05/25/23	KLN
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	7.0		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP
Thallium	ND		mg/Kg	0.96	0.96	314751	05/25/23	05/26/23	JCP
Method: EPA 7199									
Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	315126	06/01/23 09:51	06/01/23 15:48	AJL
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8082									
Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1221	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1232	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1242	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1248	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1254	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1260	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1262	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Aroclor-1268	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	93%		%REC	19-121	1	314902	05/26/23	06/01/23	MES

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Analysis Results for 485627

485627-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Surrogates				Limits					
Nitrobenzene-d5	81%		%REC	27-125	1	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	80%		%REC	30-120	1	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	87%		%REC	33-155	1	314752	05/25/23	05/25/23	TJW

Sample ID: B23-0.5FT
Lab ID: 485627-023
Collected: 05/20/23 13:20
Matrix: Soil

485627-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	18		mg/Kg	0.97	0.97	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.5		mg/Kg	0.95	0.95	314751	05/25/23	05/26/23	JCP

Analysis Results for 485627

Sample ID: B22-0.5FT, B23-0.5FT COMP	Lab ID: 485627-025 Matrix: Soil	Collected: 05/20/23
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485627-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
4,4'-DDT	ND		ug/Kg	25	5	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	50	5	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	500	5	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	250	5	314902	05/26/23	06/01/23	MES
Surrogates				Limits					
TCMX	102%		%REC	23-120	5	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	110%		%REC	24-120	5	314902	05/26/23	06/01/23	MES

Analysis Results for 485627

Sample ID: B22D-0.5FT	Lab ID: 485627-026	Collected: 05/20/23 13:35
Matrix: Soil		

485627-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	314748	05/25/23	05/26/23	KLN
Barium	97		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Beryllium	0.50		mg/Kg	0.49	0.98	314748	05/25/23	05/26/23	KLN
Cadmium	ND		mg/Kg	0.49	0.98	314748	05/25/23	05/26/23	KLN
Chromium	17		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Cobalt	7.2		mg/Kg	0.49	0.98	314748	05/25/23	05/26/23	KLN
Copper	18		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Lead	14		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Molybdenum	1.3		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Nickel	15		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Selenium	ND		mg/Kg	2.9	0.98	314748	05/25/23	05/26/23	KLN
Silver	ND		mg/Kg	0.49	0.98	314748	05/25/23	05/26/23	KLN
Thallium	ND		mg/Kg	2.9	0.98	314748	05/25/23	05/26/23	KLN
Vanadium	51		mg/Kg	0.98	0.98	314748	05/25/23	05/26/23	KLN
Zinc	55		mg/Kg	4.9	0.98	314748	05/25/23	05/26/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.4		mg/Kg	0.97	0.97	314751	05/25/23	05/26/23	JCP
Thallium	ND		mg/Kg	0.97	0.97	314751	05/25/23	05/26/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	315126	06/01/23 09:51	06/01/23 15:59	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	314736	05/25/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1221	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1232	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1242	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1248	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1254	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1260	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1262	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Aroclor-1268	ND		ug/Kg	50	0.99	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	87%		%REC	19-121	0.99	314902	05/26/23	06/01/23	MES

Method: EPA 8270C-SIM
Prep Method: EPA 3546

Analysis Results for 485627

485627-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1-Methylnaphthalene	110		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	330		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Naphthalene	590		ug/Kg	40	4	314752	05/25/23	06/01/23	TJW
Acenaphthylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthene	59		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluorene	74		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Phenanthrene	190		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Anthracene	53		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluoranthene	54		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Pyrene	42		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Chrysene	11		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Surrogates				Limits					
Nitrobenzene-d5	81%		%REC	27-125	1	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	80%		%REC	30-120	1	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	83%		%REC	33-155	1	314752	05/25/23	05/25/23	TJW

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1068300	Batch: 314705
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068300 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/24/23	05/25/23
Barium	ND		mg/Kg	1.0	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/24/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/24/23	05/25/23
Copper	ND		mg/Kg	1.0	05/24/23	05/25/23
Lead	ND		mg/Kg	1.0	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/24/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/24/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/24/23	05/25/23
Silver	ND		mg/Kg	0.50	05/24/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/24/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/24/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068301	Batch: 314705
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068301 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	102.7	100.0	mg/Kg	103%		80-120
Barium	107.8	100.0	mg/Kg	108%		80-120
Beryllium	108.0	100.0	mg/Kg	108%		80-120
Cadmium	97.13	100.0	mg/Kg	97%		80-120
Chromium	108.5	100.0	mg/Kg	109%		80-120
Cobalt	112.4	100.0	mg/Kg	112%		80-120
Copper	103.8	100.0	mg/Kg	104%		80-120
Lead	107.9	100.0	mg/Kg	108%		80-120
Molybdenum	105.5	100.0	mg/Kg	106%		80-120
Nickel	108.3	100.0	mg/Kg	108%		80-120
Selenium	95.35	100.0	mg/Kg	95%	b	80-120
Silver	46.90	50.00	mg/Kg	94%		80-120
Thallium	122.2	100.0	mg/Kg	122%	b,*	80-120
Vanadium	105.2	100.0	mg/Kg	105%		80-120
Zinc	105.2	100.0	mg/Kg	105%		80-120

Batch QC

Type: Post Digest Spike	Lab ID: QC1068302	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068302 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	100.2	1.500	98.04	mg/Kg	101%		75-125	0.98
Barium	156.1	56.08	98.04	mg/Kg	102%		75-125	0.98
Beryllium	101.8	ND	98.04	mg/Kg	104%		75-125	0.98
Cadmium	94.70	ND	98.04	mg/Kg	97%		75-125	0.98
Chromium	111.7	9.882	98.04	mg/Kg	104%		75-125	0.98
Cobalt	108.5	5.239	98.04	mg/Kg	105%		75-125	0.98
Copper	113.8	12.74	98.04	mg/Kg	103%		75-125	0.98
Lead	113.1	13.49	98.04	mg/Kg	102%		75-125	0.98
Molybdenum	102.4	ND	98.04	mg/Kg	104%		75-125	0.98
Nickel	105.2	5.096	98.04	mg/Kg	102%		75-125	0.98
Selenium	94.30	ND	98.04	mg/Kg	96%	b	75-125	0.98
Silver	44.48	ND	49.02	mg/Kg	91%		75-125	0.98
Thallium	111.0	ND	98.04	mg/Kg	113%	b	75-125	0.98
Vanadium	129.6	32.02	98.04	mg/Kg	100%		75-125	0.98
Zinc	145.3	47.98	98.04	mg/Kg	99%		75-125	0.98

Type: Matrix Spike	Lab ID: QC1068303	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068303 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	37.70	1.500	97.09	mg/Kg	37%	*	75-125	0.97
Barium	162.2	56.08	97.09	mg/Kg	109%		75-125	0.97
Beryllium	97.18	ND	97.09	mg/Kg	100%		75-125	0.97
Cadmium	92.32	ND	97.09	mg/Kg	95%		75-125	0.97
Chromium	111.1	9.882	97.09	mg/Kg	104%		75-125	0.97
Cobalt	107.1	5.239	97.09	mg/Kg	105%		75-125	0.97
Copper	114.5	12.74	97.09	mg/Kg	105%		75-125	0.97
Lead	110.9	13.49	97.09	mg/Kg	100%		75-125	0.97
Molybdenum	92.52	ND	97.09	mg/Kg	95%		75-125	0.97
Nickel	102.9	5.096	97.09	mg/Kg	101%		75-125	0.97
Selenium	88.10	ND	97.09	mg/Kg	91%	b	75-125	0.97
Silver	43.30	ND	48.54	mg/Kg	89%		75-125	0.97
Thallium	105.6	ND	97.09	mg/Kg	109%	b	75-125	0.97
Vanadium	131.0	32.02	97.09	mg/Kg	102%		75-125	0.97
Zinc	141.3	47.98	97.09	mg/Kg	96%		75-125	0.97

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068304	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068304 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD	RPD	DF
		Result							Lim	
Antimony	39.51	1.500	97.09	mg/Kg	39%	*	75-125	5	41	0.97
Barium	156.9	56.08	97.09	mg/Kg	104%		75-125	3	20	0.97
Beryllium	96.60	ND	97.09	mg/Kg	99%		75-125	1	20	0.97
Cadmium	89.09	ND	97.09	mg/Kg	92%		75-125	4	20	0.97
Chromium	109.3	9.882	97.09	mg/Kg	102%		75-125	2	20	0.97
Cobalt	104.3	5.239	97.09	mg/Kg	102%		75-125	3	20	0.97
Copper	109.9	12.74	97.09	mg/Kg	100%		75-125	4	20	0.97
Lead	107.5	13.49	97.09	mg/Kg	97%		75-125	3	20	0.97
Molybdenum	91.52	ND	97.09	mg/Kg	94%		75-125	1	20	0.97
Nickel	101.6	5.096	97.09	mg/Kg	99%		75-125	1	20	0.97
Selenium	84.04	ND	97.09	mg/Kg	87%	b	75-125	5	20	0.97
Silver	42.17	ND	48.54	mg/Kg	87%		75-125	3	20	0.97
Thallium	103.6	ND	97.09	mg/Kg	107%	b	75-125	2	20	0.97
Vanadium	131.4	32.02	97.09	mg/Kg	102%		75-125	0	20	0.97
Zinc	144.7	47.98	97.09	mg/Kg	100%		75-125	2	20	0.97

Type: Blank	Lab ID: QC1068434	Batch: 314748
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068434 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/25/23	05/25/23
Barium	ND		mg/Kg	1.0	05/25/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/25/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/25/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/25/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/25/23	05/25/23
Copper	ND		mg/Kg	1.0	05/25/23	05/25/23
Lead	ND		mg/Kg	1.0	05/25/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/25/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/25/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/25/23	05/25/23
Silver	ND		mg/Kg	0.50	05/25/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/25/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/25/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068435	Batch: 314748
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068435 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	112.3	100.0	mg/Kg	112%		80-120
Barium	116.2	100.0	mg/Kg	116%		80-120
Beryllium	99.69	100.0	mg/Kg	100%		80-120
Cadmium	93.25	100.0	mg/Kg	93%		80-120
Chromium	104.9	100.0	mg/Kg	105%		80-120
Cobalt	107.7	100.0	mg/Kg	108%		80-120
Copper	95.47	100.0	mg/Kg	95%		80-120
Lead	119.7	100.0	mg/Kg	120%		80-120
Molybdenum	120.4	100.0	mg/Kg	120%		80-120
Nickel	104.1	100.0	mg/Kg	104%		80-120
Selenium	108.9	100.0	mg/Kg	109%		80-120
Silver	46.33	50.00	mg/Kg	93%		80-120
Thallium	117.1	100.0	mg/Kg	117%	b	80-120
Vanadium	103.5	100.0	mg/Kg	103%		80-120
Zinc	107.6	100.0	mg/Kg	108%		80-120

Type: Matrix Spike	Lab ID: QC1068436	Batch: 314748
Matrix (Source ID): Soil (485700-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068436 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	36.56	ND	96.15	mg/Kg	38%	*	75-125	0.96
Barium	345.0	236.1	96.15	mg/Kg	113%		75-125	0.96
Beryllium	87.71	0.2480	96.15	mg/Kg	91%		75-125	0.96
Cadmium	105.1	0.8109	96.15	mg/Kg	108%		75-125	0.96
Chromium	125.3	20.06	96.15	mg/Kg	109%		75-125	0.96
Cobalt	114.6	7.393	96.15	mg/Kg	111%		75-125	0.96
Copper	129.0	41.05	96.15	mg/Kg	91%		75-125	0.96
Lead	108.7	6.956	96.15	mg/Kg	106%		75-125	0.96
Molybdenum	105.3	1.593	96.15	mg/Kg	108%		75-125	0.96
Nickel	117.2	11.53	96.15	mg/Kg	110%		75-125	0.96
Selenium	98.29	0.9413	96.15	mg/Kg	101%		75-125	0.96
Silver	41.31	ND	48.08	mg/Kg	86%		75-125	0.96
Thallium	97.61	ND	96.15	mg/Kg	102%	b	75-125	0.96
Vanadium	125.3	34.32	96.15	mg/Kg	95%		75-125	0.96
Zinc	262.7	172.1	96.15	mg/Kg	94%		75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068437	Batch: 314748
Matrix (Source ID): Soil (485700-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068437 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	41.30	ND		99.01	mg/Kg	42%	*	75-125	9	41	0.99
Barium	331.1	236.1		99.01	mg/Kg	96%		75-125	5	20	0.99
Beryllium	91.06	0.2480		99.01	mg/Kg	92%		75-125	1	20	0.99
Cadmium	106.2	0.8109		99.01	mg/Kg	106%		75-125	2	20	0.99
Chromium	125.6	20.06		99.01	mg/Kg	107%		75-125	2	20	0.99
Cobalt	116.5	7.393		99.01	mg/Kg	110%		75-125	1	20	0.99
Copper	132.0	41.05		99.01	mg/Kg	92%		75-125	0	20	0.99
Lead	109.6	6.956		99.01	mg/Kg	104%		75-125	2	20	0.99
Molybdenum	107.1	1.593		99.01	mg/Kg	107%		75-125	1	20	0.99
Nickel	117.7	11.53		99.01	mg/Kg	107%		75-125	2	20	0.99
Selenium	100.3	0.9413		99.01	mg/Kg	100%		75-125	1	20	0.99
Silver	42.25	ND		49.50	mg/Kg	85%		75-125	1	20	0.99
Thallium	101.2	ND		99.01	mg/Kg	102%	b	75-125	1	20	0.99
Vanadium	126.5	34.32		99.01	mg/Kg	93%		75-125	1	20	0.99
Zinc	260.6	172.1		99.01	mg/Kg	89%		75-125	2	20	0.99

Type: Post Digest Spike	Lab ID: QC1068438	Batch: 314748
Matrix (Source ID): Soil (485700-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068438 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	DF
		Result							
Antimony	112.2	ND		95.24	mg/Kg	118%		75-125	0.95
Barium	326.6	236.1		95.24	mg/Kg	95%		75-125	0.95
Beryllium	101.0	0.2480		95.24	mg/Kg	106%		75-125	0.95
Cadmium	111.5	0.8109		95.24	mg/Kg	116%		75-125	0.95
Chromium	130.5	20.06		95.24	mg/Kg	116%		75-125	0.95
Cobalt	122.0	7.393		95.24	mg/Kg	120%		75-125	0.95
Copper	139.5	41.05		95.24	mg/Kg	103%		75-125	0.95
Lead	115.0	6.956		95.24	mg/Kg	113%		75-125	0.95
Molybdenum	116.6	1.593		95.24	mg/Kg	121%		75-125	0.95
Nickel	122.8	11.53		95.24	mg/Kg	117%		75-125	0.95
Selenium	106.6	0.9413		95.24	mg/Kg	111%		75-125	0.95
Silver	46.88	ND		47.62	mg/Kg	98%		75-125	0.95
Thallium	109.7	ND		95.24	mg/Kg	115%	b	75-125	0.95
Vanadium	135.9	34.32		95.24	mg/Kg	107%		75-125	0.95
Zinc	271.6	172.1		95.24	mg/Kg	104%		75-125	0.95

Batch QC

Type: Blank	Lab ID: QC1069703	Batch: 315109
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1069703 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	05/25/23	05/30/23

Type: Lab Control Sample	Lab ID: QC1069704	Batch: 315109
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1069704 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	105.6	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1069705	Batch: 315109
Matrix (Source ID): Soil (485621-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1069705 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	169.7	35.10	97.09	mg/Kg	139%	*	75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1069706	Batch: 315109
Matrix (Source ID): Soil (485621-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1069706 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	153.4	35.10	97.09	mg/Kg	122%		75-125	10	20	0.97

Type: Post Digest Spike	Lab ID: QC1069707	Batch: 315109
Matrix (Source ID): Soil (485621-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1069707 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	140.6	35.10	95.24	mg/Kg	111%		75-125	0.95

Type: Blank	Lab ID: QC1068449	Batch: 314751
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068449 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/25/23	05/25/23
Thallium	ND		mg/Kg	1.0	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068450	Batch: 314751
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068450 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	113.8	100.0	mg/Kg	114%		80-120
Thallium	109.0	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC1068451	Batch: 314751
Matrix (Source ID): Soil (485621-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068451 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	106.0	3.320	97.09	mg/Kg	106%		75-125	0.97
Thallium	99.02	ND	97.09	mg/Kg	102%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068452	Batch: 314751
Matrix (Source ID): Soil (485621-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068452 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	104.6	3.320	97.09	mg/Kg	104%		75-125	1	20	0.97
Thallium	97.29	ND	97.09	mg/Kg	100%		75-125	2	20	0.97

Type: Post Digest Spike	Lab ID: QC1068453	Batch: 314751
Matrix (Source ID): Soil (485621-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068453 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	113.1	3.320	95.24	mg/Kg	115%		75-125	0.95
Thallium	107.4	ND	95.24	mg/Kg	113%		75-125	0.95

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Batch QC

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068309	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068309 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068310	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068310 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8328	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068311	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068311 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8446	0.04288	0.8475	mg/Kg	95%		75-125	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068312	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8576	0.04288	0.8621	mg/Kg	95%		75-125	0	20	1

Type: Blank	Lab ID: QC1068391	Batch: 314736
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068391 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068392	Batch: 314736
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068392 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8350	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068393	Batch: 314736
Matrix (Source ID): Soil (485700-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068393 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.016	0.09050	0.9259	mg/Kg	100%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1068394	Batch: 314736
Matrix (Source ID): Soil (485700-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068394 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.065	0.09050	0.9804	mg/Kg	99%		75-125	1	20	1.2

Batch QC

Type: Blank	Lab ID: QC1069003	Batch: 314902
Matrix: Soil		

QC1069003 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
beta-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
gamma-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
delta-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
Heptachlor	ND		ug/Kg	5.0	05/26/23	06/01/23
Aldrin	ND		ug/Kg	5.0	05/26/23	06/01/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan I	ND		ug/Kg	5.0	05/26/23	06/01/23
Dieldrin	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDE	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan II	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDD	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin aldehyde	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin ketone	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDT	ND		ug/Kg	5.0	05/26/23	06/01/23
Methoxychlor	ND		ug/Kg	10	05/26/23	06/01/23
Toxaphene	ND		ug/Kg	100	05/26/23	06/01/23
Chlordane (Technical)	ND		ug/Kg	50	05/26/23	06/01/23
Surrogates				Limits		
TCMX	82%		%REC	23-120	05/26/23	06/01/23
Decachlorobiphenyl	91%		%REC	24-120	05/26/23	06/01/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1221	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1232	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1242	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1248	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1254	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1260	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1262	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1268	ND		ug/Kg	50	05/26/23	06/01/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	88%		%REC	19-121	05/26/23	06/01/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1069004	Batch: 314902
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1069004 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	47.65	49.75	ug/Kg	96%		22-129
beta-BHC	45.24	49.75	ug/Kg	91%		28-125
gamma-BHC	46.56	49.75	ug/Kg	94%		22-128
delta-BHC	46.19	49.75	ug/Kg	93%		24-131
Heptachlor	47.50	49.75	ug/Kg	95%		18-124
Aldrin	40.58	49.75	ug/Kg	82%		23-120
Heptachlor epoxide	47.44	49.75	ug/Kg	95%		26-120
Endosulfan I	50.05	49.75	ug/Kg	101%		25-126
Dieldrin	49.44	49.75	ug/Kg	99%		23-124
4,4'-DDE	49.85	49.75	ug/Kg	100%		28-121
Endrin	51.61	49.75	ug/Kg	104%		25-127
Endosulfan II	49.79	49.75	ug/Kg	100%		29-121
Endosulfan sulfate	47.90	49.75	ug/Kg	96%		30-121
4,4'-DDD	53.14	49.75	ug/Kg	107%		26-120
Endrin aldehyde	32.80	49.75	ug/Kg	66%		10-120
Endrin ketone	48.94	49.75	ug/Kg	98%		28-125
4,4'-DDT	51.27	49.75	ug/Kg	103%		22-125
Methoxychlor	56.00	49.75	ug/Kg	113%		28-130
Surrogates						
TCMX	42.16	49.75	ug/Kg	85%		23-120
Decachlorobiphenyl	45.74	49.75	ug/Kg	92%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1069082	Batch: 314902
Matrix (Source ID): Soil (485622-017)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069082 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	46.23	ND	49.65	ug/Kg	93%		46-120	5
beta-BHC	48.46	ND	49.65	ug/Kg	98%		41-120	5
gamma-BHC	48.38	ND	49.65	ug/Kg	97%		41-120	5
delta-BHC	46.86	ND	49.65	ug/Kg	94%		38-123	5
Heptachlor	51.41	ND	49.65	ug/Kg	104%		39-120	5
Aldrin	44.43	ND	49.65	ug/Kg	89%		34-120	5
Heptachlor epoxide	51.23	ND	49.65	ug/Kg	103%		43-120	5
Endosulfan I	53.38	ND	49.65	ug/Kg	108%		45-120	5
Dieldrin	52.42	ND	49.65	ug/Kg	106%		45-120	5
4,4'-DDE	52.93	ND	49.65	ug/Kg	107%		34-120	5
Endrin	54.78	ND	49.65	ug/Kg	110%		40-120	5
Endosulfan II	54.10	ND	49.65	ug/Kg	109%		41-120	5
Endosulfan sulfate	51.93	ND	49.65	ug/Kg	105%		42-120	5
4,4'-DDD	52.44	ND	49.65	ug/Kg	106%		41-120	5
Endrin aldehyde	43.90	ND	49.65	ug/Kg	88%		30-120	5
Endrin ketone	52.46	ND	49.65	ug/Kg	106%		45-120	5
4,4'-DDT	56.81	ND	49.65	ug/Kg	114%		35-127	5
Methoxychlor	68.89	ND	49.65	ug/Kg	139%	*	42-136	5
Surrogates								
TCMX	44.38		49.65	ug/Kg	89%		23-120	5
Decachlorobiphenyl	54.85		49.65	ug/Kg	110%		24-120	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1069083	Batch: 314902
Matrix (Source ID): Soil (485622-017)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069083 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	45.93	ND	49.75	ug/Kg	92%		46-120	1	30	5
beta-BHC	47.92	ND	49.75	ug/Kg	96%		41-120	1	30	5
gamma-BHC	47.76	ND	49.75	ug/Kg	96%		41-120	1	30	5
delta-BHC	45.06	ND	49.75	ug/Kg	91%		38-123	4	30	5
Heptachlor	51.21	ND	49.75	ug/Kg	103%		39-120	1	30	5
Aldrin	44.24	ND	49.75	ug/Kg	89%		34-120	1	30	5
Heptachlor epoxide	50.70	ND	49.75	ug/Kg	102%		43-120	1	30	5
Endosulfan I	53.49	ND	49.75	ug/Kg	108%		45-120	0	30	5
Dieldrin	52.19	ND	49.75	ug/Kg	105%		45-120	1	30	5
4,4'-DDE	53.66	ND	49.75	ug/Kg	108%		34-120	1	30	5
Endrin	54.98	ND	49.75	ug/Kg	111%		40-120	0	30	5
Endosulfan II	53.80	ND	49.75	ug/Kg	108%		41-120	1	30	5
Endosulfan sulfate	52.03	ND	49.75	ug/Kg	105%		42-120	0	30	5
4,4'-DDD	54.54	ND	49.75	ug/Kg	110%		41-120	4	30	5
Endrin aldehyde	43.13	ND	49.75	ug/Kg	87%		30-120	2	30	5
Endrin ketone	49.67	ND	49.75	ug/Kg	100%		45-120	6	30	5
4,4'-DDT	58.00	ND	49.75	ug/Kg	117%		35-127	2	30	5
Methoxychlor	68.67	ND	49.75	ug/Kg	138%	*	42-136	1	30	5
Surrogates										
TCMX	43.83		49.75	ug/Kg	88%		23-120			5
Decachlorobiphenyl	50.19		49.75	ug/Kg	101%		24-120			5

Type: Lab Control Sample	Lab ID: QC1069084	Batch: 314902
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1069084 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	482.4	499.0	ug/Kg	97%		14-150
Aroclor-1260	524.7	499.0	ug/Kg	105%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	46.20	49.90	ug/Kg	93%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1069085	Batch: 314902
Matrix (Source ID): Soil (485627-021)	Method: EPA 8082	Prep Method: EPA 3546

QC1069085 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	458.2	ND	495.5	ug/Kg	92%		42-127	0.99
Aroclor-1260	499.7	ND	495.5	ug/Kg	101%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	46.86		49.55	ug/Kg	95%		19-121	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1069086	Batch: 314902
Matrix (Source ID): Soil (485627-021)	Method: EPA 8082	Prep Method: EPA 3546

QC1069086 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	487.8	ND	497.5	ug/Kg	98%		42-127	6	30	1
Aroclor-1260	536.7	ND	497.5	ug/Kg	108%		38-130	7	30	1
Surrogates										
Decachlorobiphenyl (PCB)	47.99		49.75	ug/Kg	96%		19-121			1

Batch QC

Type: Blank	Lab ID: QC1068454	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068454 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
2-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Naphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthylene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthene	ND		ug/Kg	10	05/25/23	05/25/23
Fluorene	ND		ug/Kg	10	05/25/23	05/25/23
Phenanthrene	ND		ug/Kg	10	05/25/23	05/25/23
Anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Chrysene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/25/23	05/25/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/25/23	05/25/23
2-Fluorobiphenyl	84%		%REC	30-120	05/25/23	05/25/23
Terphenyl-d14	100%		%REC	33-155	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068455	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068455 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	181.1	199.0	ug/Kg	91%		28-130
2-Methylnaphthalene	180.5	199.0	ug/Kg	91%		33-130
Naphthalene	179.5	199.0	ug/Kg	90%		25-130
Acenaphthylene	194.8	199.0	ug/Kg	98%		28-130
Acenaphthene	178.9	199.0	ug/Kg	90%		32-130
Fluorene	182.6	199.0	ug/Kg	92%		35-130
Phenanthrene	176.7	199.0	ug/Kg	89%		35-132
Anthracene	190.6	199.0	ug/Kg	96%		34-136
Fluoranthene	194.1	199.0	ug/Kg	98%		34-139
Pyrene	198.8	199.0	ug/Kg	100%		35-134
Benzo(a)anthracene	171.1	199.0	ug/Kg	86%		30-132
Chrysene	183.7	199.0	ug/Kg	92%		29-130
Benzo(b)fluoranthene	166.8	199.0	ug/Kg	84%		32-137
Benzo(k)fluoranthene	173.8	199.0	ug/Kg	87%		32-130
Benzo(a)pyrene	167.1	199.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	177.1	199.0	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	183.6	199.0	ug/Kg	92%		32-130
Benzo(g,h,i)perylene	175.1	199.0	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	198.9	199.0	ug/Kg	100%		27-125
2-Fluorobiphenyl	176.3	199.0	ug/Kg	89%		30-120
Terphenyl-d14	196.0	199.0	ug/Kg	99%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068456	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	182.8	ND	200.0	ug/Kg	91%		25-130	1
2-Methylnaphthalene	179.5	ND	200.0	ug/Kg	90%		32-133	1
Naphthalene	177.9	ND	200.0	ug/Kg	89%		33-130	1
Acenaphthylene	196.9	ND	200.0	ug/Kg	98%		14-157	1
Acenaphthene	175.8	ND	200.0	ug/Kg	88%		28-134	1
Fluorene	179.6	ND	200.0	ug/Kg	90%		27-140	1
Phenanthrene	173.1	ND	200.0	ug/Kg	87%		29-147	1
Anthracene	186.5	ND	200.0	ug/Kg	93%		24-156	1
Fluoranthene	191.0	ND	200.0	ug/Kg	95%		28-160	1
Pyrene	197.0	ND	200.0	ug/Kg	98%		26-153	1
Benzo(a)anthracene	163.6	ND	200.0	ug/Kg	82%		26-174	1
Chrysene	177.9	ND	200.0	ug/Kg	89%		40-139	1
Benzo(b)fluoranthene	159.7	ND	200.0	ug/Kg	80%		36-164	1
Benzo(k)fluoranthene	171.2	ND	200.0	ug/Kg	86%		36-161	1
Benzo(a)pyrene	163.1	ND	200.0	ug/Kg	82%		18-173	1
Indeno(1,2,3-cd)pyrene	172.0	ND	200.0	ug/Kg	86%		26-154	1
Dibenz(a,h)anthracene	177.7	ND	200.0	ug/Kg	89%		38-132	1
Benzo(g,h,i)perylene	169.9	ND	200.0	ug/Kg	85%		36-130	1
Surrogates								
Nitrobenzene-d5	189.2		200.0	ug/Kg	95%		27-125	1
2-Fluorobiphenyl	179.4		200.0	ug/Kg	90%		30-120	1
Terphenyl-d14	192.1		200.0	ug/Kg	96%		33-155	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068457	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068457 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.9	ND	201.0	ug/Kg	86%		25-130	7	35	1
2-Methylnaphthalene	171.2	ND	201.0	ug/Kg	85%		32-133	5	35	1
Naphthalene	169.6	ND	201.0	ug/Kg	84%		33-130	5	35	1
Acenaphthylene	186.0	ND	201.0	ug/Kg	93%		14-157	6	35	1
Acenaphthene	168.5	ND	201.0	ug/Kg	84%		28-134	5	35	1
Fluorene	170.8	ND	201.0	ug/Kg	85%		27-140	6	35	1
Phenanthrene	168.2	ND	201.0	ug/Kg	84%		29-147	3	35	1
Anthracene	182.3	ND	201.0	ug/Kg	91%		24-156	3	35	1
Fluoranthene	182.6	ND	201.0	ug/Kg	91%		28-160	5	35	1
Pyrene	185.3	ND	201.0	ug/Kg	92%		26-153	7	35	1
Benzo(a)anthracene	157.0	ND	201.0	ug/Kg	78%		26-174	5	35	1
Chrysene	174.3	ND	201.0	ug/Kg	87%		40-139	3	35	1
Benzo(b)fluoranthene	151.8	ND	201.0	ug/Kg	76%		36-164	6	35	1
Benzo(k)fluoranthene	169.0	ND	201.0	ug/Kg	84%		36-161	2	35	1
Benzo(a)pyrene	155.8	ND	201.0	ug/Kg	77%		18-173	5	35	1
Indeno(1,2,3-cd)pyrene	165.5	ND	201.0	ug/Kg	82%		26-154	4	35	1
Dibenz(a,h)anthracene	172.0	ND	201.0	ug/Kg	86%		38-132	4	35	1
Benzo(g,h,i)perylene	165.4	ND	201.0	ug/Kg	82%		36-130	3	35	1
Surrogates										
Nitrobenzene-d5	180.1		201.0	ug/Kg	90%		27-125			1
2-Fluorobiphenyl	171.2		201.0	ug/Kg	85%		30-120			1
Terphenyl-d14	182.8		201.0	ug/Kg	91%		33-155			1

* Value is outside QC limits

ND Not Detected

b See narrative

Laboratory Job Number 485627

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:

From: Megan A DeLara
AmeriSci Job #: 923051439
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-485627

Email: incomingreports@enthalpy.com,
Ranjit.Clarke@enthalpy.com

Date: Thursday, June 1, 2023
Time: 15:09:29
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

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Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485627

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	B14-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-001							
02	B15-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-003							
03	B16-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-006							
04	B17-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-008							
05	B18-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-011							
06	B19-0.5FT		----	----	----	----	Chrysotile Present	NA
	Location: 485627-013							
07	B20-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-016							
08	B21-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-018							
09	B22-0.5FT		----	----	----	----	Chrysotile Present	NA
	Location: 485627-021							
10	B23-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-023							
11	B22D-0.5FT		----	----	----	----	NVA	NA
	Location: 485627-026							

Analyzed by: Megan A DeLara
 Date: 6/1/2023



Reviewed by: Patricia Weakley



Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051439

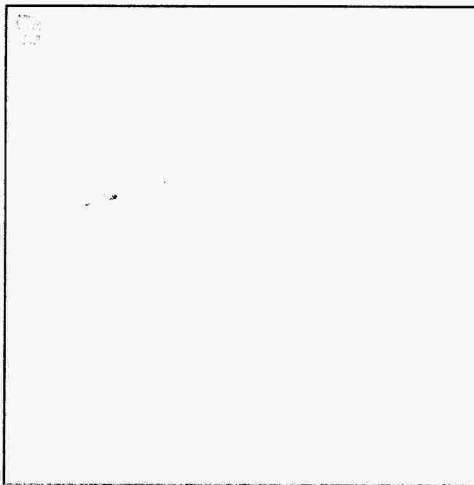
Glenda,

Here are the rest of the POs:

EO-485621 = PO-046571
EO-485622 = PO-046572
EO-485627 = PO-046573
EO-485629 = PO-046582
EO-485638 = PO-046583
EO-485650 = PO-046584
EO-485657 = PO-046585

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.



923 051439
 Enthalpy Analytical - Orange
 Orange, CA 92868
 (714) 771-6900 / Fax: (510) 486-0532

Subcontract Laboratory:

AmeriSci
 24416 S. Main Street
 Suite 308
 Carson, CA 90745
 ATTN: Sample Control
 PO #: Required, to be sent via email

Enthalpy Order: EO-485627

PM: Ranjit K Clarke
 Email: Ranjit.Clarke@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-9906

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs:

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B14 -0.5FT	20-MAY-2023 12:30	485627-001	1	Soil	Asbestos by PLM	Qualitative P/A
B15 -0.5FT	20-MAY-2023 12:35	485627-003	1	Soil	Asbestos by PLM	Qualitative P/A
B16-0.5FT	20-MAY-2023 11:55	485627-006	1	Soil	Asbestos by PLM	Qualitative P/A
B17-0.5FT	20-MAY-2023 12:45	485627-008	1	Soil	Asbestos by PLM	Qualitative P/A
B18-0.5FT	20-MAY-2023 13:05	485627-011	1	Soil	Asbestos by PLM	Qualitative P/A
B19-0.5FT	20-MAY-2023 13:40	485627-013	1	Soil	Asbestos by PLM	Qualitative P/A
B20-0.5FT	20-MAY-2023 13:00	485627-016	1	Soil	Asbestos by PLM	Qualitative P/A
B21-0.5FT	20-MAY-2023 13:20	485627-018	1	Soil	Asbestos by PLM	Qualitative P/A
B22-0.5FT	20-MAY-2023 13:35	485627-021	1	Soil	Asbestos by PLM	Qualitative P/A
B23-0.5FT	20-MAY-2023 13:20	485627-023	1	Soil	Asbestos by PLM	Qualitative P/A
B22D-0.5FT	20-MAY-2023 13:35	485627-026	1	Soil	Asbestos by PLM	Qualitative P/A

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	<i>Glenda Curzon</i>
	Date: 5/24/23 1407	Date: 5/24/23 @ 14:05
	Date:	Date:
	Date:	Date:



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ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485629
Report Level: II
Report Date: 06/19/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: Project No: Location: Date Received:	485629 IRVING MS 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1 05/23/23
---	--	---

Sample ID	Lab ID	Collected	Matrix
B44-0.5FT	485629-001	05/20/23 11:00	Soil
B44-2.5FT	485629-002	05/20/23 11:10	Soil
B45-0.5FT	485629-003	05/20/23 11:00	Soil
B45-2.5FT	485629-004	05/20/23 11:05	Soil
B44-0.5FT,B45-0.5FT COMPOSITE	485629-005	05/20/23 00:00	Soil
B46-0.5FT	485629-006	05/20/23 11:20	Soil
B46-2.5FT	485629-007	05/20/23 11:30	Soil
B47-0.5FT	485629-008	05/20/23 11:50	Soil
B47-2.5FT	485629-009	05/20/23 12:00	Soil
B48-0.5FT	485629-010	05/20/23 11:25	Soil
B48-2.5FT	485629-011	05/20/23 11:30	Soil
B48-5.0FT	485629-012	05/20/23 11:35	Soil
B46-0.5FT,B47-0.5FT,B48-0.5FT COMPOSITE	485629-013	05/20/23 00:00	Soil
B47D-0.5FT	485629-014	05/20/23 11:55	Soil
B47D-2.5FT	485629-015	05/20/23 12:05	Soil

Case Narrative

CES Group, Inc.	Lab Job	485629
33175 Temecula	Number:	
Pkwy	Project No:	IRVING MS
Ste. A-734	Location:	3010 Estara Ave., Los Angeles, CA 90065 - Supplemental
Temecula, CA	Report	1
92592	Date	05/23/23
Skye Greene	Received:	

- This data package contains sample and QC results for eight soil samples, one three-point soil composite, and one two-point soil composite, requested for the above referenced project on 05/23/23. The samples were received cold and intact.
- Supplemental Report 1 - Additional analyses requested on 06/08/23 are now reported.

Pesticides (EPA 8081A):

- High recoveries were observed for methoxychlor in the MS/MSD of B37-0.5FT, B39-0.5FT COMPOSITE (lab # 485622-017); the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- B46-0.5FT, B47-0.5FT, B48-0.5FT COMPOSITE (lab # 485629-013) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A) Soil:

- High response was observed for thallium in the ICV analyzed 06/13/23 09:20; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 23:32; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 22:53; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD of B38-0.5FT (lab # 485622-018); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for barium in the MSD of B38-0.5FT (lab # 485622-018); the LCS was within limits. High RPD was also observed for barium in the MS/MSD of B38-0.5FT (lab # 485622-018).
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **485629**
 Page: 1 of 2

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day: 3 Day:
 1 Day: Same Day:

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Quote No. CES030223A
 Email: sgreen@cesgroup.co P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-734
 Temecula, CA 92592
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: D. Baysa

PROJECT INFORMATION

Lead (6010B) X X
 Arsenic (6020) X X
 PLM - Asbestos (Presence/Absence) X X
 Organochlorine Pesticides (8081A) X
 PCBs (8082) X
 Title 22 Metals (6010B/7471A) X
 Hex Chrom 7199 X
 PAHs (Low Level) 8270 SIM X

Test Instructions / Comments

Analyze 0.5' samples. Hold deeper samples.
 2.0 / 1.7

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B44 - 0.5ft	05/20/23	11:00 AM	S	1/8oz, 1/2oz	
2 B44 - 2.5ft	05/20/23	11:10 AM	S	1/8oz	
3 B45 - 0.5ft	05/20/23	11:00 AM	S	1/8oz, 1/2oz	
4 B45 - 2.5ft	05/20/23	11:05 AM	S	1/8oz	
5 B44 - 0.5ft, B45 - 0.5ft Composite	05/20/23		S		
6 B46 - 0.5ft	05/20/23	11:20 AM	S	1/8oz, 1/2oz	
7 B46 - 2.5ft	05/20/23	11:30 AM	S	1/8oz	
8 B47 - 0.5ft	05/20/23	11:50 AM	S	1/8oz, 1/2oz	
9 B47 - 2.5ft	05/20/23	12:00 PM	S	1/8oz	
10 B48 - 0.5ft	05/20/23	11:25 AM	S	1/8oz, 1/2oz	

Signature	Print Name	Company / Title	Date / Time
	Danny Baysa	CES Group/ Field Supervisor	5/23/23 11:17
	Nello	PPA	5-23-23 11:56

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933



Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **485629**
 Page: **2** of **2**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)
 Standard: X 4 Day: 3 Day:
 1 Day: Same Day:

CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request		Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS				
Report To:	Skye Green	Number:	CES030223A				
Email:	sgreen@cesgroup.co	P.O. #:	34423				
Address:	33175 Temecula Pkwy, Suite A-734 Temecula, CA 92592	Address:	3010 Estara Ave Los Angeles, CA 90065				
Phone:	714-398-6363	Global ID:					
Fax:	951-848-9812	Sampled By:	D. Baysa				

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	Hold
1 B48 - 2.5ft	05/20/23	11:30 AM	S	1/8oz		X								X
2 B48 - 5.0ft	05/20/23	11:35 AM	S	1/8oz		X								X
3 B46-0.5ft, B47-0.5ft, B48-0.5ft Composite	05/20/23	11:55 AM	S	1/8oz, 1/2oz		X	X		X					
4 B47D - 0.5ft	05/20/23	12:05 PM	S	1/8oz		X								X
5 B47D - 2.5ft														
6														
7														
8														
9														
10														

Signature	Print Name	Company / Title	Date / Time
	Danny Baysa	CES Group/Field Supervisor	5/23/23 11:55 AM
			5-23-23 2:15 PM



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Group, Inc. Project: Irving MS CES030223A

Date Received: 5/23/23 Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____

Sample Temp (°C), One from each cooler: #1: 2.0 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____

Cooler Temp (°C): #1: 1.7 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By: [Signature] Date: 5-23-23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Additional Analyses

1 message

Skye Green <sgreen@cesgroup.co>

Thu, Jun 8, 2023 at 12:32 PM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Cc: Danny Baysa <dbaysa@cesgroup.co>, "jbaysa.cesgroup" <jbaysa.cesgroup@gmail.com>

Ranjit,

Can we run the following additional analyses for the Irving Middle School project...

B5-0.5' – Arsenic 13 mg/kg, Lead 190 mg/kg – Run STLC and TCLP for lead on B5-0.5ft, Run B5-2.5ft for lead and arsenic

B7-0.5' – Lead 73 mg/kg – Run STLC for lead on B7-0.5ft

B11-0.5' – lead 170 mg/kg, Arsenic 12 mg/kg, low level PAHs – Run STLC and TCLP for lead on B11-0.5ft, Run B11-2.5ft for lead and arsenic

B12-0.5' – Lead 61 mg/kg, Arsenic 50 mg/kg – Run STLC for lead and As on B12-0.5ft, Run B12-2.5ft for lead and arsenic

B13-0.5' – Arsenic 12 mg/kg – Run B13-2.5ft for Arsenic

B19-0.5' – Asbestos present – Quantify Asbestos – Run B19-2.5ft for Asbestos (Quantify if present)

B-22-0.5' – Asbestos present – Quantify Asbestos – Run B-22-2.5ft for Asbestos (Quantify if present)

B31-0.5' – Arsenic 52 mg/kg – Run STLC for As on B31-0.5ft, Run B31-2.5ft for Arsenic

B32-0.5' – Lead 190 mg/kg – Run STLC and TCLP on B32-0.5ft, Run B32-2.5ft for lead

B47-0.5' – Lead 55 mg/kg, Arsenic 15 mg/kg – Run STLC for lead on B47-0.5ft, Run B47-2.5ft for lead and arsenic

B48-0.5' – Arsenic 13 mg/kg, low level PAHs – Run B48-2.5ft for Arsenic

B56-0.5' – Arsenic 100 mg/kg, ORO 20 mg/kg Run STLC and TCLP for arsenic on B56-0.5ft, run B56-2.5ft for arsenic

B60-0.5' – Lead 60 mg/kg – Run STLC for lead on B60-0.5ft

B62-0.5' – Lead 62 mg/kg – Run STLC for lead on B62-0.5ft

B63-0.5' – Lead 91 mg/kg – Run STLC for lead on B63-0.5ft, Run B63-2.5ft for lead

Skye Green, PE

CES Group Inc

CES/Novacom/ERG

714-398-6363 mobile

951-808-8585 office

951-848-9812 fax

Analysis Results for 485629

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485629
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles,
 CA 90065 - Supplemental Report 1
 Date Received: 05/23/23

Sample ID: B44-0.5FT Lab ID: 485629-001 Collected: 05/20/23 11:00
Matrix: Soil

485629-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	21		mg/Kg	0.95	0.95	314721	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.6		mg/Kg	1.0	1	314750	05/25/23	05/25/23	JCP

Sample ID: B45-0.5FT Lab ID: 485629-003 Collected: 05/20/23 11:00
Matrix: Soil

485629-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	19		mg/Kg	0.98	0.98	314721	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	8.0		mg/Kg	0.98	0.98	314750	05/25/23	05/25/23	JCP

Analysis Results for 485629

Sample ID: B44-0.5FT,B45-0.5FT COMPOSITE	Lab ID: 485629-005 Matrix: Soil	Collected: 05/20/23
--	--	----------------------------

485629-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
4,4'-DDT	6.3	C	ug/Kg	5.0	1	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	10	1	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	100	1	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	1	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	94%		%REC	24-120	1	314902	05/26/23	06/01/23	MES

Sample ID: B46-0.5FT	Lab ID: 485629-006 Matrix: Soil	Collected: 05/20/23 11:20
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485629-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	32		mg/Kg	0.97	0.97	314721	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	7.5		mg/Kg	0.96	0.96	314750	05/25/23	05/25/23	JCP

Analysis Results for 485629

Sample ID: B47-0.5FT Lab ID: 485629-008 Collected: 05/20/23 11:50

485629-008 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	55		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	0.29		mg/L	0.15	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	15		mg/Kg	0.97	Soil	0.97	314750	05/25/23	05/25/23	JCP

Sample ID: B47-2.5FT Lab ID: 485629-009 Collected: 05/20/23 12:00
Matrix: Soil

485629-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.9		mg/Kg	0.99	0.99	315966	06/13/23	06/13/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.0		mg/Kg	0.99	0.99	315965	06/13/23	06/14/23	JCP

Analysis Results for 485629

Sample ID: B48-0.5FT Lab ID: 485629-010 Collected: 05/20/23 11:25

485629-010 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	Soil	1	314721	05/24/23	05/25/23	THP
Barium	130		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Beryllium	ND		mg/Kg	0.50	Soil	1	314721	05/24/23	05/25/23	THP
Cadmium	1.4		mg/Kg	0.50	Soil	1	314721	05/24/23	05/25/23	THP
Chromium	240		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Cobalt	21		mg/Kg	0.50	Soil	1	314721	05/24/23	05/25/23	THP
Copper	21		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Lead	69		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Molybdenum	2.2		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Nickel	120		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Selenium	ND		mg/Kg	3.0	Soil	1	314721	05/24/23	05/25/23	THP
Silver	ND		mg/Kg	0.50	Soil	1	314721	05/24/23	05/25/23	THP
Thallium	ND		mg/Kg	3.0	Soil	1	314721	05/24/23	05/25/23	THP
Vanadium	46		mg/Kg	1.0	Soil	1	314721	05/24/23	05/25/23	THP
Zinc	130		mg/Kg	5.0	Soil	1	314721	05/24/23	05/26/23	THP
Method: EPA 6010B Prep Method: METHOD										
Chromium	ND		mg/L	0.30	WET Leachate	10	316225	06/16/23	06/16/23	SBW
Lead	ND		mg/L	0.15	WET Leachate	10	316225	06/16/23	06/16/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	13		mg/Kg	0.96	Soil	0.96	314750	05/25/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.96	Soil	0.96	314750	05/25/23	05/25/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A										
Hexavalent Chromium	ND		mg/Kg	0.40	Soil	0.99	315126	06/01/23 09:51	06/01/23 16:10	AJL
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.14	Soil	1	314736	05/25/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546										
Aroclor-1016	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1221	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1232	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1242	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1248	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1254	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1260	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES

Analysis Results for 485629

485629-010 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1262	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Aroclor-1268	ND		ug/Kg	50	Soil	1	314902	05/26/23	06/01/23	MES
Surrogates			Limits							
Decachlorobiphenyl (PCB)	88%		%REC	19-121	Soil	1	314902	05/26/23	06/01/23	MES
Method: EPA 8270C-SIM Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Pyrene	24		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	21		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	20		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	23		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	35		ug/Kg	20	Soil	2	314752	05/25/23	05/25/23	TJW
Surrogates			Limits							
Nitrobenzene-d5	77%		%REC	27-125	Soil	2	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	76%		%REC	30-120	Soil	2	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	87%		%REC	33-155	Soil	2	314752	05/25/23	05/25/23	TJW

Sample ID: B48-2.5FT
Lab ID: 485629-011
Collected: 05/20/23 11:30

Matrix: Soil

485629-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	4.7		mg/Kg	0.97	0.97	315965	06/13/23	06/14/23	JCP	

Analysis Results for 485629

Sample ID: B46-0.5FT,B47-0.5FT,B48-0.5FT COMPOSITE	Lab ID: 485629-013 Matrix: Soil	Collected: 05/20/23
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485629-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
beta-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
gamma-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
delta-BHC	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Heptachlor	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Aldrin	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Heptachlor epoxide	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endosulfan I	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Dieldrin	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
4,4'-DDE	48		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endrin	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endosulfan II	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endosulfan sulfate	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
4,4'-DDD	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endrin aldehyde	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Endrin ketone	ND		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
4,4'-DDT	40		ug/Kg	10	2	314902	05/26/23	06/01/23	MES
Methoxychlor	ND		ug/Kg	20	2	314902	05/26/23	06/01/23	MES
Toxaphene	ND		ug/Kg	200	2	314902	05/26/23	06/01/23	MES
Chlordane (Technical)	ND		ug/Kg	100	2	314902	05/26/23	06/01/23	MES
Surrogates	Limits								
TCMX	94%		%REC	23-120	2	314902	05/26/23	06/01/23	MES
Decachlorobiphenyl	95%		%REC	24-120	2	314902	05/26/23	06/01/23	MES

Sample ID: B47D-0.5FT	Lab ID: 485629-014 Matrix: Soil	Collected: 05/20/23 11:55
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485629-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	53		mg/Kg	0.95	0.95	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	41		mg/Kg	0.99	0.99	314750	05/25/23	05/25/23	JCP

C Presence confirmed, but RPD between columns exceeds 40%
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1073475	Batch: 316225
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073475 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Chromium	ND		mg/L	0.30	06/16/23	06/16/23
Lead	ND		mg/L	0.15	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073476	Batch: 316225
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073476 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	4.414	4.000	mg/L	110%		80-120
Lead	4.267	4.000	mg/L	107%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1073477	Batch: 316225
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073477 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
Chromium	4.421	4.000	mg/L	111%		80-120	0	20
Lead	4.263	4.000	mg/L	107%		80-120	0	20

Type: Blank	Lab ID: QC1073641	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073641 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.15	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073642	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073642 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	4.432	4.000	mg/L	111%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1073643	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073643 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
Lead	4.351	4.000	mg/L	109%		80-120	2	20

Batch QC

Type: Blank	Lab ID: QC1068353	Batch: 314721
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068353 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/24/23	05/25/23
Barium	ND		mg/Kg	1.0	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/24/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/24/23	05/25/23
Copper	ND		mg/Kg	1.0	05/24/23	05/25/23
Lead	ND		mg/Kg	1.0	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/24/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/24/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/24/23	05/25/23
Silver	ND		mg/Kg	0.50	05/24/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/24/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/24/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068354	Batch: 314721
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068354 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	90.99	100.0	mg/Kg	91%		80-120
Barium	101.9	100.0	mg/Kg	102%		80-120
Beryllium	96.64	100.0	mg/Kg	97%		80-120
Cadmium	89.54	100.0	mg/Kg	90%		80-120
Chromium	102.7	100.0	mg/Kg	103%		80-120
Cobalt	105.4	100.0	mg/Kg	105%		80-120
Copper	92.54	100.0	mg/Kg	93%		80-120
Lead	101.6	100.0	mg/Kg	102%		80-120
Molybdenum	98.19	100.0	mg/Kg	98%		80-120
Nickel	101.8	100.0	mg/Kg	102%		80-120
Selenium	84.35	100.0	mg/Kg	84%		80-120
Silver	45.77	50.00	mg/Kg	92%		80-120
Thallium	111.9	100.0	mg/Kg	112%	b	80-120
Vanadium	101.8	100.0	mg/Kg	102%		80-120
Zinc	105.7	100.0	mg/Kg	106%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068355	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068355 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	33.97	2.310	98.04	mg/Kg	32%	*	75-125	0.98
Barium	272.4	179.8	98.04	mg/Kg	94%		75-125	0.98
Beryllium	93.16	0.5677	98.04	mg/Kg	94%		75-125	0.98
Cadmium	97.40	7.913	98.04	mg/Kg	91%		75-125	0.98
Chromium	131.3	32.18	98.04	mg/Kg	101%		75-125	0.98
Cobalt	110.4	12.12	98.04	mg/Kg	100%		75-125	0.98
Copper	121.5	28.79	98.04	mg/Kg	95%		75-125	0.98
Lead	104.6	9.243	98.04	mg/Kg	97%		75-125	0.98
Molybdenum	100.9	8.557	98.04	mg/Kg	94%		75-125	0.98
Nickel	137.9	42.12	98.04	mg/Kg	98%		75-125	0.98
Selenium	81.88	0.3954	98.04	mg/Kg	83%		75-125	0.98
Silver	44.25	ND	49.02	mg/Kg	90%		75-125	0.98
Thallium	103.2	0.9421	98.04	mg/Kg	104%	b	75-125	0.98
Vanadium	197.4	88.86	98.04	mg/Kg	111%		75-125	0.98
Zinc	179.9	87.57	98.04	mg/Kg	94%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1068356	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068356 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	34.93	2.310	96.15	mg/Kg	34%	*	75-125	5	41	0.96
Barium	590.3	179.8	96.15	mg/Kg	427%	*	75-125	74*	20	0.96
Beryllium	92.27	0.5677	96.15	mg/Kg	95%		75-125	1	20	0.96
Cadmium	95.03	7.913	96.15	mg/Kg	91%		75-125	1	20	0.96
Chromium	127.1	32.18	96.15	mg/Kg	99%		75-125	2	20	0.96
Cobalt	107.4	12.12	96.15	mg/Kg	99%		75-125	1	20	0.96
Copper	116.8	28.79	96.15	mg/Kg	92%		75-125	2	20	0.96
Lead	107.3	9.243	96.15	mg/Kg	102%		75-125	4	20	0.96
Molybdenum	96.46	8.557	96.15	mg/Kg	91%		75-125	3	20	0.96
Nickel	129.8	42.12	96.15	mg/Kg	91%		75-125	5	20	0.96
Selenium	81.43	0.3954	96.15	mg/Kg	84%		75-125	1	20	0.96
Silver	44.03	ND	48.08	mg/Kg	92%		75-125	1	20	0.96
Thallium	101.2	0.9421	96.15	mg/Kg	104%	b	75-125	0	20	0.96
Vanadium	187.5	88.86	96.15	mg/Kg	103%		75-125	4	20	0.96
Zinc	171.9	87.57	96.15	mg/Kg	88%		75-125	4	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1068357	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068357 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	93.87	2.310	97.09	mg/Kg	94%		75-125	0.97
Barium	275.3	179.8	97.09	mg/Kg	98%		75-125	0.97
Beryllium	95.06	0.5677	97.09	mg/Kg	97%		75-125	0.97
Cadmium	100.5	7.913	97.09	mg/Kg	95%		75-125	0.97
Chromium	130.6	32.18	97.09	mg/Kg	101%		75-125	0.97
Cobalt	113.3	12.12	97.09	mg/Kg	104%		75-125	0.97
Copper	126.1	28.79	97.09	mg/Kg	100%		75-125	0.97
Lead	108.1	9.243	97.09	mg/Kg	102%		75-125	0.97
Molybdenum	109.2	8.557	97.09	mg/Kg	104%		75-125	0.97
Nickel	138.9	42.12	97.09	mg/Kg	100%		75-125	0.97
Selenium	85.17	0.3954	97.09	mg/Kg	87%		75-125	0.97
Silver	46.34	ND	48.54	mg/Kg	95%		75-125	0.97
Thallium	105.0	0.9421	97.09	mg/Kg	107%	b	75-125	0.97
Vanadium	187.2	88.86	97.09	mg/Kg	101%		75-125	0.97
Zinc	184.3	87.57	97.09	mg/Kg	100%		75-125	0.97

Type: Blank	Lab ID: QC1072611	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072611 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	06/13/23	06/13/23

Type: Lab Control Sample	Lab ID: QC1072612	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072612 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	105.7	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1072613	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072613 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	105.7	5.867	95.24	mg/Kg	105%		75-125	0.95

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1072614	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	105.2	5.867	96.15	mg/Kg	103%		75-125	1	20	0.96

Type: Post Digest Spike	Lab ID: QC1072615	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	110.4	5.867	98.04	mg/Kg	107%		75-125	0.98

Type: Blank	Lab ID: QC1068444	Batch: 314750
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068444 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/25/23	05/25/23
Thallium	ND		mg/Kg	1.0	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068445	Batch: 314750
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	117.1	100.0	mg/Kg	117%		80-120
Thallium	111.6	100.0	mg/Kg	112%		80-120

Type: Matrix Spike	Lab ID: QC1068446	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	115.4	6.289	98.04	mg/Kg	111%		75-125	0.98
Thallium	103.5	0.7096	98.04	mg/Kg	105%		75-125	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068447	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	103.5	6.289	96.15	mg/Kg	101%		75-125	9	20	0.96
Thallium	96.10	0.7096	96.15	mg/Kg	99%		75-125	6	20	0.96

Type: Post Digest Spike	Lab ID: QC1068448	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	112.7	6.289	96.15	mg/Kg	111%		75-125	0.96
Thallium	104.2	0.7096	96.15	mg/Kg	108%		75-125	0.96

Type: Blank	Lab ID: QC1072607	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072607 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/13/23	06/14/23

Type: Lab Control Sample	Lab ID: QC1072608	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072608 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	109.3	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC1072609	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072609 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	107.9	3.436	96.15	mg/Kg	109%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1072610	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072610 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	106.4	3.436	96.15	mg/Kg	107%		75-125	1	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1072813	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072813 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	57.53	3.436	49.02	mg/Kg	110%		75-125	0.98

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Batch QC

Type: Blank	Lab ID: QC1068391	Batch: 314736
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068391 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068392	Batch: 314736
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068392 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8350	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068393	Batch: 314736
Matrix (Source ID): Soil (485700-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068393 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.016	0.09050	0.9259	mg/Kg	100%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1068394	Batch: 314736
Matrix (Source ID): Soil (485700-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068394 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Mercury	1.065	0.09050	0.9804	mg/Kg	99%		75-125	1	20	1.2

Batch QC

Type: Blank	Lab ID: QC1069003	Batch: 314902
Matrix: Soil		

QC1069003 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
beta-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
gamma-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
delta-BHC	ND		ug/Kg	5.0	05/26/23	06/01/23
Heptachlor	ND		ug/Kg	5.0	05/26/23	06/01/23
Aldrin	ND		ug/Kg	5.0	05/26/23	06/01/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan I	ND		ug/Kg	5.0	05/26/23	06/01/23
Dieldrin	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDE	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan II	ND		ug/Kg	5.0	05/26/23	06/01/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDD	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin aldehyde	ND		ug/Kg	5.0	05/26/23	06/01/23
Endrin ketone	ND		ug/Kg	5.0	05/26/23	06/01/23
4,4'-DDT	ND		ug/Kg	5.0	05/26/23	06/01/23
Methoxychlor	ND		ug/Kg	10	05/26/23	06/01/23
Toxaphene	ND		ug/Kg	100	05/26/23	06/01/23
Chlordane (Technical)	ND		ug/Kg	50	05/26/23	06/01/23
Surrogates				Limits		
TCMX	82%		%REC	23-120	05/26/23	06/01/23
Decachlorobiphenyl	91%		%REC	24-120	05/26/23	06/01/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1221	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1232	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1242	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1248	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1254	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1260	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1262	ND		ug/Kg	50	05/26/23	06/01/23
Aroclor-1268	ND		ug/Kg	50	05/26/23	06/01/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	97%		%REC	19-121	05/26/23	06/01/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1069004	Batch: 314902
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1069004 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	47.65	49.75	ug/Kg	96%		22-129
beta-BHC	45.24	49.75	ug/Kg	91%		28-125
gamma-BHC	46.56	49.75	ug/Kg	94%		22-128
delta-BHC	46.19	49.75	ug/Kg	93%		24-131
Heptachlor	47.50	49.75	ug/Kg	95%		18-124
Aldrin	40.58	49.75	ug/Kg	82%		23-120
Heptachlor epoxide	47.44	49.75	ug/Kg	95%		26-120
Endosulfan I	50.05	49.75	ug/Kg	101%		25-126
Dieldrin	49.44	49.75	ug/Kg	99%		23-124
4,4'-DDE	49.85	49.75	ug/Kg	100%		28-121
Endrin	51.61	49.75	ug/Kg	104%		25-127
Endosulfan II	49.79	49.75	ug/Kg	100%		29-121
Endosulfan sulfate	47.90	49.75	ug/Kg	96%		30-121
4,4'-DDD	53.14	49.75	ug/Kg	107%		26-120
Endrin aldehyde	32.80	49.75	ug/Kg	66%		10-120
Endrin ketone	48.94	49.75	ug/Kg	98%		28-125
4,4'-DDT	51.27	49.75	ug/Kg	103%		22-125
Methoxychlor	56.00	49.75	ug/Kg	113%		28-130
Surrogates						
TCMX	42.16	49.75	ug/Kg	85%		23-120
Decachlorobiphenyl	45.74	49.75	ug/Kg	92%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1069082	Batch: 314902
Matrix (Source ID): Soil (485622-017)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069082 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	46.23	ND	49.65	ug/Kg	93%		46-120	5
beta-BHC	48.46	ND	49.65	ug/Kg	98%		41-120	5
gamma-BHC	48.38	ND	49.65	ug/Kg	97%		41-120	5
delta-BHC	46.86	ND	49.65	ug/Kg	94%		38-123	5
Heptachlor	51.41	ND	49.65	ug/Kg	104%		39-120	5
Aldrin	44.43	ND	49.65	ug/Kg	89%		34-120	5
Heptachlor epoxide	51.23	ND	49.65	ug/Kg	103%		43-120	5
Endosulfan I	53.38	ND	49.65	ug/Kg	108%		45-120	5
Dieldrin	52.42	ND	49.65	ug/Kg	106%		45-120	5
4,4'-DDE	52.93	ND	49.65	ug/Kg	107%		34-120	5
Endrin	54.78	ND	49.65	ug/Kg	110%		40-120	5
Endosulfan II	54.10	ND	49.65	ug/Kg	109%		41-120	5
Endosulfan sulfate	51.93	ND	49.65	ug/Kg	105%		42-120	5
4,4'-DDD	52.44	ND	49.65	ug/Kg	106%		41-120	5
Endrin aldehyde	43.90	ND	49.65	ug/Kg	88%		30-120	5
Endrin ketone	52.46	ND	49.65	ug/Kg	106%		45-120	5
4,4'-DDT	56.81	ND	49.65	ug/Kg	114%		35-127	5
Methoxychlor	68.89	ND	49.65	ug/Kg	139%	*	42-136	5
Surrogates								
TCMX	44.38		49.65	ug/Kg	89%		23-120	5
Decachlorobiphenyl	54.85		49.65	ug/Kg	110%		24-120	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1069083	Batch: 314902
Matrix (Source ID): Soil (485622-017)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069083 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	45.93	ND	49.75	ug/Kg	92%		46-120	1	30	5
beta-BHC	47.92	ND	49.75	ug/Kg	96%		41-120	1	30	5
gamma-BHC	47.76	ND	49.75	ug/Kg	96%		41-120	1	30	5
delta-BHC	45.06	ND	49.75	ug/Kg	91%		38-123	4	30	5
Heptachlor	51.21	ND	49.75	ug/Kg	103%		39-120	1	30	5
Aldrin	44.24	ND	49.75	ug/Kg	89%		34-120	1	30	5
Heptachlor epoxide	50.70	ND	49.75	ug/Kg	102%		43-120	1	30	5
Endosulfan I	53.49	ND	49.75	ug/Kg	108%		45-120	0	30	5
Dieldrin	52.19	ND	49.75	ug/Kg	105%		45-120	1	30	5
4,4'-DDE	53.66	ND	49.75	ug/Kg	108%		34-120	1	30	5
Endrin	54.98	ND	49.75	ug/Kg	111%		40-120	0	30	5
Endosulfan II	53.80	ND	49.75	ug/Kg	108%		41-120	1	30	5
Endosulfan sulfate	52.03	ND	49.75	ug/Kg	105%		42-120	0	30	5
4,4'-DDD	54.54	ND	49.75	ug/Kg	110%		41-120	4	30	5
Endrin aldehyde	43.13	ND	49.75	ug/Kg	87%		30-120	2	30	5
Endrin ketone	49.67	ND	49.75	ug/Kg	100%		45-120	6	30	5
4,4'-DDT	58.00	ND	49.75	ug/Kg	117%		35-127	2	30	5
Methoxychlor	68.67	ND	49.75	ug/Kg	138%	*	42-136	1	30	5
Surrogates										
TCMX	43.83		49.75	ug/Kg	88%		23-120			5
Decachlorobiphenyl	50.19		49.75	ug/Kg	101%		24-120			5

Type: Lab Control Sample	Lab ID: QC1069084	Batch: 314902
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1069084 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	486.1	499.0	ug/Kg	97%		14-150
Aroclor-1260	520.0	499.0	ug/Kg	104%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	48.54	49.90	ug/Kg	97%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1069085	Batch: 314902
Matrix (Source ID): Soil (485627-021)	Method: EPA 8082	Prep Method: EPA 3546

QC1069085 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	458.2	ND	495.5	ug/Kg	92%		42-127	0.99
Aroclor-1260	499.7	ND	495.5	ug/Kg	101%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	46.86		49.55	ug/Kg	95%		19-121	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1069086	Batch: 314902
Matrix (Source ID): Soil (485627-021)	Method: EPA 8082	Prep Method: EPA 3546

QC1069086 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	487.8	ND	497.5	ug/Kg	98%		42-127	6	30	1
Aroclor-1260	536.7	ND	497.5	ug/Kg	108%		38-130	7	30	1
Surrogates										
Decachlorobiphenyl (PCB)	47.99		49.75	ug/Kg	96%		19-121			1

Batch QC

Type: Blank	Lab ID: QC1068454	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068454 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
2-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Naphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthylene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthene	ND		ug/Kg	10	05/25/23	05/25/23
Fluorene	ND		ug/Kg	10	05/25/23	05/25/23
Phenanthrene	ND		ug/Kg	10	05/25/23	05/25/23
Anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Chrysene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/25/23	05/25/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/25/23	05/25/23
2-Fluorobiphenyl	84%		%REC	30-120	05/25/23	05/25/23
Terphenyl-d14	100%		%REC	33-155	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068455	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068455 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	181.1	199.0	ug/Kg	91%		28-130
2-Methylnaphthalene	180.5	199.0	ug/Kg	91%		33-130
Naphthalene	179.5	199.0	ug/Kg	90%		25-130
Acenaphthylene	194.8	199.0	ug/Kg	98%		28-130
Acenaphthene	178.9	199.0	ug/Kg	90%		32-130
Fluorene	182.6	199.0	ug/Kg	92%		35-130
Phenanthrene	176.7	199.0	ug/Kg	89%		35-132
Anthracene	190.6	199.0	ug/Kg	96%		34-136
Fluoranthene	194.1	199.0	ug/Kg	98%		34-139
Pyrene	198.8	199.0	ug/Kg	100%		35-134
Benzo(a)anthracene	171.1	199.0	ug/Kg	86%		30-132
Chrysene	183.7	199.0	ug/Kg	92%		29-130
Benzo(b)fluoranthene	166.8	199.0	ug/Kg	84%		32-137
Benzo(k)fluoranthene	173.8	199.0	ug/Kg	87%		32-130
Benzo(a)pyrene	167.1	199.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	177.1	199.0	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	183.6	199.0	ug/Kg	92%		32-130
Benzo(g,h,i)perylene	175.1	199.0	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	198.9	199.0	ug/Kg	100%		27-125
2-Fluorobiphenyl	176.3	199.0	ug/Kg	89%		30-120
Terphenyl-d14	196.0	199.0	ug/Kg	99%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068456	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	182.8	ND	200.0	ug/Kg	91%		25-130	1
2-Methylnaphthalene	179.5	ND	200.0	ug/Kg	90%		32-133	1
Naphthalene	177.9	ND	200.0	ug/Kg	89%		33-130	1
Acenaphthylene	196.9	ND	200.0	ug/Kg	98%		14-157	1
Acenaphthene	175.8	ND	200.0	ug/Kg	88%		28-134	1
Fluorene	179.6	ND	200.0	ug/Kg	90%		27-140	1
Phenanthrene	173.1	ND	200.0	ug/Kg	87%		29-147	1
Anthracene	186.5	ND	200.0	ug/Kg	93%		24-156	1
Fluoranthene	191.0	ND	200.0	ug/Kg	95%		28-160	1
Pyrene	197.0	ND	200.0	ug/Kg	98%		26-153	1
Benzo(a)anthracene	163.6	ND	200.0	ug/Kg	82%		26-174	1
Chrysene	177.9	ND	200.0	ug/Kg	89%		40-139	1
Benzo(b)fluoranthene	159.7	ND	200.0	ug/Kg	80%		36-164	1
Benzo(k)fluoranthene	171.2	ND	200.0	ug/Kg	86%		36-161	1
Benzo(a)pyrene	163.1	ND	200.0	ug/Kg	82%		18-173	1
Indeno(1,2,3-cd)pyrene	172.0	ND	200.0	ug/Kg	86%		26-154	1
Dibenz(a,h)anthracene	177.7	ND	200.0	ug/Kg	89%		38-132	1
Benzo(g,h,i)perylene	169.9	ND	200.0	ug/Kg	85%		36-130	1
Surrogates								
Nitrobenzene-d5	189.2		200.0	ug/Kg	95%		27-125	1
2-Fluorobiphenyl	179.4		200.0	ug/Kg	90%		30-120	1
Terphenyl-d14	192.1		200.0	ug/Kg	96%		33-155	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068457	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068457 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.9	ND	201.0	ug/Kg	86%		25-130	7	35	1
2-Methylnaphthalene	171.2	ND	201.0	ug/Kg	85%		32-133	5	35	1
Naphthalene	169.6	ND	201.0	ug/Kg	84%		33-130	5	35	1
Acenaphthylene	186.0	ND	201.0	ug/Kg	93%		14-157	6	35	1
Acenaphthene	168.5	ND	201.0	ug/Kg	84%		28-134	5	35	1
Fluorene	170.8	ND	201.0	ug/Kg	85%		27-140	6	35	1
Phenanthrene	168.2	ND	201.0	ug/Kg	84%		29-147	3	35	1
Anthracene	182.3	ND	201.0	ug/Kg	91%		24-156	3	35	1
Fluoranthene	182.6	ND	201.0	ug/Kg	91%		28-160	5	35	1
Pyrene	185.3	ND	201.0	ug/Kg	92%		26-153	7	35	1
Benzo(a)anthracene	157.0	ND	201.0	ug/Kg	78%		26-174	5	35	1
Chrysene	174.3	ND	201.0	ug/Kg	87%		40-139	3	35	1
Benzo(b)fluoranthene	151.8	ND	201.0	ug/Kg	76%		36-164	6	35	1
Benzo(k)fluoranthene	169.0	ND	201.0	ug/Kg	84%		36-161	2	35	1
Benzo(a)pyrene	155.8	ND	201.0	ug/Kg	77%		18-173	5	35	1
Indeno(1,2,3-cd)pyrene	165.5	ND	201.0	ug/Kg	82%		26-154	4	35	1
Dibenz(a,h)anthracene	172.0	ND	201.0	ug/Kg	86%		38-132	4	35	1
Benzo(g,h,i)perylene	165.4	ND	201.0	ug/Kg	82%		36-130	3	35	1
Surrogates										
Nitrobenzene-d5	180.1		201.0	ug/Kg	90%		27-125			1
2-Fluorobiphenyl	171.2		201.0	ug/Kg	85%		30-120			1
Terphenyl-d14	182.8		201.0	ug/Kg	91%		33-155			1

* Value is outside QC limits

ND Not Detected

b See narrative

Laboratory Job Number 485629

Subcontracted Products

AmeriSci



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LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:

From: Patricia Weakley
AmeriSci Job #: 923051462
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-485629

Email: incomingreports@enthalpy.com, ranjit.clarke@enthalpy.com

Date: Friday, June 2, 2023

Time: 12:15:17

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

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Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485629

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	B44-0.5FT		----	----	----	----	NVA	NA
	Location: 485629-001							
02	B45-0.5FT		----	----	----	----	NVA	NA
	Location: 485629-003							
03	B46-0.5FT		----	----	----	----	NVA	NA
	Location: 485629-006							
04	B47-0.5FT		----	----	----	----	NVA	NA
	Location: 485629-008							
05	B48-0.5FT		----	----	----	----	NVA	NA
	Location: 485629-010							
06	B47D-0.5FT		----	----	----	----	NVA	NA
	Location: 485629-014							

Analyzed by: Patricia Weakley



Reviewed by: Lateef McIntosh



Date: 6/1/2023

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051462

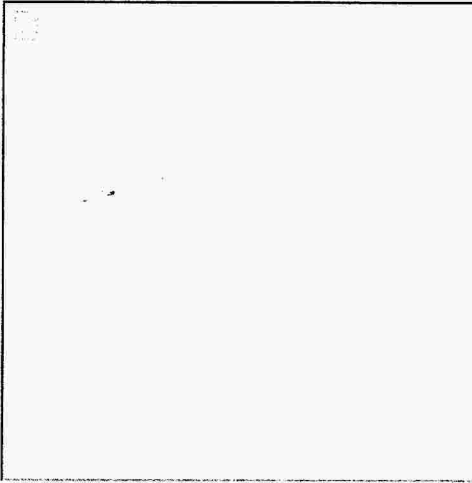
Glenda,

Here are the rest of the POs:

- EO-485621 = PO-046571
- EO-485622 = PO-046572
- EO-485627 = PO-046573
- EO-485629 = PO-046582
- EO-485638 = PO-046583
- EO-485650 = PO-046584
- EO-485657 = PO-046585

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.

Rec'd by Glenda Luzon 5/26/23 @ 15:15



ENTHALPY ANALYTICAL

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AmeriSci
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

Enthalpy Order: EO-485629

PM: Ranjit K Clarke
Email: Ranjit.Clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-9906

Results Due: Standard TAT
Report Level: II
Report To: RL
EDDs:

923051462

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B44-0.5FT	20-MAY-2023 11:00	485629-001	1	Soil	Asbestos by PLM	Qualitative P/A
B45-0.5FT	20-MAY-2023 11:00	485629-003	1	Soil	Asbestos by PLM	Qualitative P/A
B46-0.5FT	20-MAY-2023 11:20	485629-006	1	Soil	Asbestos by PLM	Qualitative P/A
B47-0.5FT	20-MAY-2023 11:50	485629-008	1	Soil	Asbestos by PLM	Qualitative P/A
B48-0.5FT	20-MAY-2023 11:25	485629-010	1	Soil	Asbestos by PLM	Qualitative P/A
B47D-0.5FT	20-MAY-2023 11:55	485629-014	1	Soil	Asbestos by PLM	Qualitative P/A

Notes:	Relinquished By:	Received By:
	<i>Shirley Simpson</i>	<i>Glenda Wynn Glenda Jim</i>
	Date: <i>5/25/23 1200</i>	Date: <i>5.25.23e 12:00</i>
	Date:	Date:
	Date:	Date:



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485638
Report Level: II
Report Date: 06/19/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: Project No: Location: Date Received:	485638 IRVING MS 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1 05/23/23
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Sample ID	Lab ID	Collected	Matrix
B24-0.5FT	485638-001	05/21/23 10:10	Soil
B24-2.5FT	485638-002	05/21/23 10:15	Soil
B25-0.5FT	485638-003	05/21/23 10:40	Soil
B25-2.5FT	485638-004	05/21/23 10:45	Soil
B24-0.5FT,B25-0.5FT COMPOSITE	485638-005	05/21/23 00:00	Soil
B26-0.5FT	485638-006	05/21/23 10:50	Soil
B26-2.5FT	485638-007	05/21/23 10:55	Soil
B27-0.5FT	485638-008	05/21/23 11:05	Soil
B27-2.5FT	485638-009	05/21/23 11:10	Soil
B26-0.5FT, B27-0.5FT COMPOSITE	485638-010	05/21/23 00:00	Soil
B28-0.5FT	485638-011	05/20/23 11:40	Soil
B28-2.5FT	485638-012	05/20/23 11:45	Soil
B29-0.5FT	485638-013	05/20/23 10:25	Soil
B29-2.5FT	485638-014	05/20/23 10:30	Soil
B28-0.5FT,B29-0.5FT COMPOSITE	485638-015	05/20/23 00:00	Soil
B30-0.5FT	485638-016	05/20/23 11:20	Soil
B30-2.5FT	485638-017	05/20/23 11:25	Soil
B31-0.5FT	485638-018	05/20/23 12:00	Soil
B31-2.5FT	485638-019	05/20/23 12:05	Soil
B32-0.5FT	485638-020	05/20/23 12:10	Soil
B32-2.5FT	485638-021	05/21/23 12:15	Soil
B30-0.5FT,B31-0.5FT,B32-0.5FT COMPOSITE	485638-022	05/21/23 00:00	Soil
B33-0.5FT	485638-023	05/21/23 12:00	Soil
B33-2.5FT	485638-024	05/21/23 12:15	Soil
B34-0.5FT	485638-025	05/21/23 11:30	Soil

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: Project No: Location: Date Received:	485638 IRVING MS 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1 05/23/23
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Sample ID	Lab ID	Collected	Matrix
B34-2.5FT	485638-026	05/21/23 11:45	Soil
B33-0.5FT,B34-0.5FT COMPOSITE	485638-027	05/21/23 00:00	Soil
B28D-0.5FT	485638-028	05/21/23 11:40	Soil
B28D-2.5FT	485638-029	05/21/23 11:45	Soil
B34D-0.5FT	485638-030	05/21/23 11:10	Soil
B34D-2.5FT	485638-031	05/21/23 12:15	Soil

Case Narrative

CES Group, Inc.	Lab Job	485638
33175 Temecula	Number:	
Pkwy	Project No:	IRVING MS
Ste. A-734	Location:	3010 Estara Ave., Los Angeles, CA 90065 - Supplemental
Temecula, CA	Report 1	
92592	Date	05/23/23
Skye Greene	Received:	

- This data package contains sample and QC results for fifteen soil samples, four two-point soil composites, and one three-point soil composite, requested for the above referenced project on 05/23/23. The samples were received cold and intact.
- Supplemental Report 1 - Additional analyses requested on 06/08/23 are now reported.

Pesticides (EPA 8081A):

- High recovery was observed for endrin in the LCS for batch 314891; this analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for a number of analytes in the MS/MSD of B24-0.5FT, B25-0.5FT COMPOSITE (lab # 485638-005); the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples.
- B26-0.5FT, B27-0.5FT COMPOSITE (lab # 485638-010) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

PCBs (EPA 8082):

- High surrogate recovery was observed for decachlorobiphenyl (PCB) in B31-0.5FT (lab # 485638-018); no target analytes were detected in the sample.
- B31-0.5FT (lab # 485638-018) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A) Soil:

- High response was observed for thallium in the ICV analyzed 06/13/23 09:20; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 23:32; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/25/23 22:53; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/26/23 02:08; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/26/23 02:47; affected data was qualified with "b".
- High response was observed for thallium in the CCV analyzed 05/26/23 03:26; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD of B38-0.5FT (lab # 485622-018); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for barium in the MSD of B38-0.5FT (lab # 485622-018); the LCS was within limits. High RPD was also observed for barium in the MS/MSD of B38-0.5FT (lab # 485622-018).
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)	
806 N. Batavia St., Orange, CA 92868		Lab No: 405638		Standard: X	
Phone: (714) 771-6900 Fax: (714) 771-9933		Page: 1 of 4		4 Day: 3 Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water		1 Day: Same Day:	
c/o Montrose Environmental Group		FL = Food Liquid FS = Food Solid L = Liquid			
1 Park Plaza, Suite 1000, Irvine, CA 92614		PP = Pure Product S = Solid SeaW = Sea Water			
		SW = Swab W = Water WP = Wipe O = Other			
		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃			
		4 = H ₂ SO ₄ 5 = NaOH 6 = Other			



CUSTOMER INFORMATION		PROJECT INFORMATION		Analysis Request		Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS	PLM - Asbestos (Presence/Absence)	X	Organochlorine Pesticides (8081A)	X
Report To:	Skye Green	Quote No.:	CES030223A	Arsenic (6020)	X	Title 22 Metals (6010B/7471A)	X
Email:	sgreen@cesgroup.co	P.O. #:	34423	Lead (6010B)	X	Hex Chrom 7199	X
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave			PAHs (Low Level) 8270 SIM	Hold
	Temecula, CA 92592		Los Angeles, CA 90065				
Phone:	714-398-6363	Global ID:					
Fax:	951-848-9812	Sampled By:	D. Baysa				

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B24 - 0.5ft	05/21/23	10:10 AM	S	1/8oz, 1/2oz	
2 B24 - 2.5ft	05/21/23	10:15 AM	S	1/8oz	X
3 B25 - 0.5ft	05/21/23	10:40 AM	S	1/8oz, 1/2oz	
4 B25 - 2.5ft	05/21/23	10:45 AM	S	1/8oz	X
5 B24 - 0.5ft, B25 - 0.5ft Composite	05/21/23		S		Composite in lab
6 B26 - 0.5ft	05/21/23	10:50 AM	S	1/8oz, 1/2oz	
7 B26 - 2.5ft	05/21/23	10:55 AM	S	1/8oz	X
8 B27 - 0.5ft	05/21/23	11:05 AM	S	1/8oz, 1/2oz	
9 B27 - 2.5ft	05/21/23	11:10 AM	S	1/8oz	X
10 B26 - 0.5ft, B27 - 0.5ft Composite	05/21/23		S		Composite in lab

Signature		Print Name		Company / Title		Date / Time	
		Danny Baysa		CES Group/ Field Supervisor		5/23/23 11:55	
1 Relinquished By:		2 Received By:		3 Relinquished By:		4 Received By:	

3.5/1.4

Analyze 0.5' samples. Hold deeper samples.

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868

Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: 485630

Page: 2 of 4

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard:	X	4 Day:		3 Day:	
2 Day:		1 Day:		Same Day:	

CUSTOMER INFORMATION

Company:	CES Group	Name:	Irving MS
Report To:	Skye Green	Number:	CES030223A
Email:	sgreen@cesgroup.co	P.O. #:	34423
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave
	Temecula, CA 92592		Los Angeles, CA 90065
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

PROJECT INFORMATION

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request							Test Instructions / Comments			
						Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199		PAHs (Low Level) 8270 SIM	Hold	
1 B28 - 0.5ft	05/20/23	11:40 AM	S	1/8oz, 1/2oz		X	X	X								
2 B28 - 2.5ft	05/20/23	11:45 AM	S	1/8oz										X		
3 B29 - 0.5ft	05/20/23	10:25 AM	S	1/8oz, 1/2oz		X	X	X								
4 B29 - 2.5ft	05/20/23	10:30 AM	S	1/8oz										X		
5 B28 - 0.5ft, B29 - 0.5ft Composite	05/20/23		S						X							Composite in lab
6 B30 - 0.5ft	05/20/23	11:20 AM	S	1/8oz, 1/2oz		X	X	X								
7 B30 - 2.5ft	05/20/23	11:25 AM	S	1/8oz												
8 B31 - 0.5ft	05/20/23	12:00 PM	S	1/8oz, 1/2oz		X	X	X	X	X	X	X				
9 B31 - 2.5ft	05/20/23	12:05 PM	S	1/8oz										X		
10 B32 - 0.5ft	05/20/23	12:10 PM	S			X	X	X								

Signature		Print Name		Company / Title		Date / Time	
		Panny Baysa		CES Group/ Field Supervisor		5/23/23 11:51	
1 Relinquished By:							
1 Received By:				NCK6		5-23-23 11:51	
2 Relinquished By:							
2 Received By:							

ENTHALPHY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **485638**
 Page: 3 of 4
 Standard: X
 4 Day: 3 Day:
 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION				ANALYSIS REQUEST										Test Instructions / Comments	
Company:	CES Group	Name:	Irving MS	Sampled By:	D. Baysa	Lead (6010B)	Asrntic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM				
Report To:	Skye Green	Number:	CE5030223A	Container No. / Size		Pres.											
Email:	sgreen@cesgroup.co	P.O. #:	34423	Matrix													
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave	Sampling Date		Sampling Time											
Phone:	714-398-6363	Global ID:															
Fax:	951-848-9812																
1	B32 - 2.5ft	05/21/23	12:15 PM	S	1/8oz												
2	B30-0.5ft, B31-0.5ft, B32-0.5ft Composite	05/21/23		S													
3	B33 - 0.5ft	05/21/23	12:00 PM	S	1/8oz, 1/2oz												
4	B33 - 2.5ft	05/21/23	12:15 PM	S	1/8oz												
5	B34 - 0.5ft	05/21/23	11:30 AM	S	1/8oz, 1/2oz												
6	B34 - 2.5ft	05/21/23	11:45 AM	S	1/8oz												
7	B33 - 0.5ft, B34 - 0.5ft Composite	05/21/23		S													
8	B28D - 0.5ft	05/21/23	11:40 AM	S	1/8oz, 1/2oz												
9	B28D - 2.5ft	05/21/23	11:45 AM	S	1/8oz												
10	B34D - 0.5ft	05/21/23	11:10 AM	S	1/8oz, 1/2oz												

Signature _____ **Print Name** Danny Baysa
Relinquished By: _____ **CES Group/ Field Supervisor** _____
Received By: _____ **Date / Time** 5/23/23 11:57
Relinquished By: _____ **Date / Time** 5-23-23 11:55
Received By: _____

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **485630**
 Page: 4 of 4

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Standard: X
 1 Day: Same Day:
 2 Day:
 3 Day:
 4 Day:
 Turn Around Time (Rush by advanced notice only)

CUSTOMER INFORMATION

Company: CES Group
 Report To: Skye Green
 Email: sgreen@cesgroup.co
 Address: 33175 Temecula Pkwy, Suite A-794
 Temecula, CA 92592
 Phone: 714-398-6363
 Fax: 951-848-9812

PROJECT INFORMATION

Name: Irving MS
 Number: CES030223A
 P.O. #: 34423
 Address: 3010 Estara Ave
 Los Angeles, CA 90065

Analysis Request

Global ID:
 Sampled By: D. Baysa

Test Instructions / Comments

Analyze 0.5' samples. Hold deeper samples-unless-analysis-noted.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B34D - 2.5ft	05/21/23	12:15 PM	S	1/8oz	
2					
3					
4					
5					
6					
7					
8					
9					
10					

Analysis Request	Test Instructions / Comments
Lead (6010B)	
Arsenic (6020)	
PLM - Asbestos (Presence/Absence)	
Organochlorine Pesticides (8081A)	
PCBs (8082)	
Title 22 Metals (6010B/7471A)	
Hex Chrom 7199	
PAHs (Low Level) 8270 SIM	
	Hold
	X

Signature: *[Signature]* Print Name: Danny Baysa
 Relinquished By: *[Signature]* CES Group/ Field Supervisor
 Received By: *[Signature]* 5/23/23 11:51
 Received By: *[Signature]* 5/23/23 11:51



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1	
Client: <u>CES Group, Inc.</u>	Project: <u>Irving MS CES030223A</u>
Date Received: <u>5/23/23</u>	Sampler's Name Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Section 2	
Sample(s) received in a cooler? <input checked="" type="checkbox"/> Yes, How many? <u>1</u> <input type="checkbox"/> No (skip section 2)	Sample Temp (°C) (No Cooler) : _____
Sample Temp (°C), One from each cooler: #1: <u>3.5</u> #2: _____ #3: _____ #4: _____	
<i>(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)</i>	
Shipping Information: _____	

Section 3	
Was the cooler packed with:	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Bubble Wrap <input type="checkbox"/> Styrofoam
	<input type="checkbox"/> Paper <input type="checkbox"/> None <input type="checkbox"/> Other _____
Cooler Temp (°C): #1: <u>1.4</u> #2: _____ #3: _____ #4: _____	

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments	
--	--

Section 6	
For discrepancies, how was the Project Manager notified? <input type="checkbox"/> Verbal PM Initials: _____ Date/Time _____	<input type="checkbox"/> Email (email sent to/on): _____ / _____
Project Manager's response: _____	

Completed By: [Signature] Date: 5-23-23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Additional Analyses

1 message

Skye Green <sgreen@cesgroup.co>

Thu, Jun 8, 2023 at 12:32 PM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Cc: Danny Baysa <dbaysa@cesgroup.co>, "jbaysa.cesgroup" <jbaysa.cesgroup@gmail.com>

Ranjit,

Can we run the following additional analyses for the Irving Middle School project...

B5-0.5' – Arsenic 13 mg/kg, Lead 190 mg/kg – Run STLC and TCLP for lead on B5-0.5ft, Run B5-2.5ft for lead and arsenic

B7-0.5' – Lead 73 mg/kg – Run STLC for lead on B7-0.5ft

B11-0.5' – lead 170 mg/kg, Arsenic 12 mg/kg, low level PAHs – Run STLC and TCLP for lead on B11-0.5ft, Run B11-2.5ft for lead and arsenic

B12-0.5' – Lead 61 mg/kg, Arsenic 50 mg/kg – Run STLC for lead and As on B12-0.5ft, Run B12-2.5ft for lead and arsenic

B13-0.5' – Arsenic 12 mg/kg – Run B13-2.5ft for Arsenic

B19-0.5' – Asbestos present – Quantify Asbestos – Run B19-2.5ft for Asbestos (Quantify if present)

B-22-0.5' – Asbestos present – Quantify Asbestos – Run B-22-2.5ft for Asbestos (Quantify if present)

B31-0.5' – Arsenic 52 mg/kg – Run STLC for As on B31-0.5ft, Run B31-2.5ft for Arsenic

B32-0.5' – Lead 190 mg/kg – Run STLC and TCLP on B32-0.5ft, Run B32-2.5ft for lead

B47-0.5' – Lead 55 mg/kg, Arsenic 15 mg/kg – Run STLC for lead on B47-0.5ft, Run B47-2.5ft for lead and arsenic

B48-0.5' – Arsenic 13 mg/kg, low level PAHs – Run B48-2.5ft for Arsenic

B56-0.5' – Arsenic 100 mg/kg, ORO 20 mg/kg Run STLC and TCLP for arsenic on B56-0.5ft, run B56-2.5ft for arsenic

B60-0.5' – Lead 60 mg/kg – Run STLC for lead on B60-0.5ft

B62-0.5' – Lead 62 mg/kg – Run STLC for lead on B62-0.5ft

B63-0.5' – Lead 91 mg/kg – Run STLC for lead on B63-0.5ft, Run B63-2.5ft for lead

Skye Green, PE

CES Group Inc

CES/Novacom/ERG

714-398-6363 mobile

951-808-8585 office

951-848-9812 fax

Analysis Results for 485638

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485638
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles,
 CA 90065 - Supplemental Report 1
 Date Received: 05/23/23

Sample ID: B24-0.5FT	Lab ID: 485638-001	Collected: 05/21/23 10:10
Matrix: Soil		

485638-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	0.99	314721	05/24/23	05/26/23	THP
Barium	90		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Beryllium	0.50		mg/Kg	0.50	0.99	314721	05/24/23	05/26/23	THP
Cadmium	ND		mg/Kg	0.50	0.99	314721	05/24/23	05/26/23	THP
Chromium	18		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Cobalt	6.9		mg/Kg	0.50	0.99	314721	05/24/23	05/26/23	THP
Copper	14		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Lead	6.0		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Molybdenum	2.4		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Nickel	15		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Selenium	ND		mg/Kg	3.0	0.99	314721	05/24/23	05/26/23	THP
Silver	ND		mg/Kg	0.50	0.99	314721	05/24/23	05/26/23	THP
Thallium	ND		mg/Kg	3.0	0.99	314721	05/24/23	05/26/23	THP
Vanadium	60		mg/Kg	0.99	0.99	314721	05/24/23	05/26/23	THP
Zinc	52		mg/Kg	5.0	0.99	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.8		mg/Kg	0.97	0.97	314750	05/25/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.97	0.97	314750	05/25/23	05/25/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	315126	06/01/23 09:51	06/01/23 16:21	AJL
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	314736	05/25/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1221	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1232	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1242	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1248	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1254	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1260	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES

Analysis Results for 485638

485638-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1262	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Aroclor-1268	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Surrogates			Limits						
Decachlorobiphenyl (PCB)	120%		%REC	19-121	0.99	314891	05/26/23	05/29/23	MES
Method: EPA 8270C-SIM Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	1	314752	05/25/23	05/25/23	TJW
Surrogates			Limits						
Nitrobenzene-d5	90%		%REC	27-125	1	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	88%		%REC	30-120	1	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	98%		%REC	33-155	1	314752	05/25/23	05/25/23	TJW

Sample ID: B25-0.5FT
Lab ID: 485638-003
Collected: 05/21/23 10:40
Matrix: Soil

485638-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	9.6		mg/Kg	0.97	0.97	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.0		mg/Kg	0.99	0.99	314750	05/25/23	05/25/23	JCP

Analysis Results for 485638

Sample ID: B24-0.5FT,B25-0.5FT COMPOSITE	Lab ID: 485638-005 Matrix: Soil	Collected: 05/21/23
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485638-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	88%		%REC	23-120	1	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	101%		%REC	24-120	1	314891	05/26/23	05/29/23	MES

Sample ID: B26-0.5FT	Lab ID: 485638-006 Matrix: Soil	Collected: 05/21/23 10:50
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485638-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.8		mg/Kg	0.96	0.96	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.5		mg/Kg	0.95	0.95	314750	05/25/23	05/25/23	JCP

Analysis Results for 485638

Sample ID: B27-0.5FT	Lab ID: 485638-008	Collected: 05/21/23 11:05
	Matrix: Soil	

485638-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	12		mg/Kg	0.96	0.96	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.8		mg/Kg	0.97	0.97	314750	05/25/23	05/25/23	JCP

Sample ID: B26-0.5FT, B27-0.5FT COMPOSITE	Lab ID: 485638-010	Collected: 05/21/23
	Matrix: Soil	

485638-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	10	2	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	20	2	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	200	2	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	ND		ug/Kg	100	2	314891	05/26/23	05/29/23	MES
Surrogates				Limits					
TCMX	95%		%REC	23-120	2	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	118%		%REC	24-120	2	314891	05/26/23	05/29/23	MES

Analysis Results for 485638

Sample ID: B28-0.5FT	Lab ID: 485638-011	Collected: 05/20/23 11:40
	Matrix: Soil	

485638-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.3		mg/Kg	0.95	0.95	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.4		mg/Kg	1.0	1	314750	05/25/23	05/25/23	JCP

Sample ID: B29-0.5FT	Lab ID: 485638-013	Collected: 05/20/23 10:25
	Matrix: Soil	

485638-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.3		mg/Kg	0.97	0.97	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.6		mg/Kg	0.99	0.99	314750	05/25/23	05/25/23	JCP

Analysis Results for 485638

Sample ID: B28-0.5FT,B29-0.5FT COMPOSITE	Lab ID: 485638-015 Matrix: Soil	Collected: 05/20/23
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485638-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	99	0.99	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	67		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	93%		%REC	23-120	0.99	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	117%		%REC	24-120	0.99	314891	05/26/23	05/29/23	MES

Sample ID: B30-0.5FT	Lab ID: 485638-016 Matrix: Soil	Collected: 05/20/23 11:20
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485638-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	11		mg/Kg	0.95	0.95	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.3		mg/Kg	0.96	0.96	314750	05/25/23	05/25/23	JCP

Analysis Results for 485638

Sample ID: B31-0.5FT Lab ID: 485638-018 Collected: 05/20/23 12:00

485638-018 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.96	314721	05/24/23	05/26/23	THP
Barium	130		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Beryllium	0.61		mg/Kg	0.48	Soil	0.96	314721	05/24/23	05/26/23	THP
Cadmium	ND		mg/Kg	0.48	Soil	0.96	314721	05/24/23	05/26/23	THP
Chromium	19		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Cobalt	12		mg/Kg	0.48	Soil	0.96	314721	05/24/23	05/26/23	THP
Copper	16		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Lead	23		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Molybdenum	ND		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Nickel	14		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Selenium	ND		mg/Kg	2.9	Soil	0.96	314721	05/24/23	05/26/23	THP
Silver	ND		mg/Kg	0.48	Soil	0.96	314721	05/24/23	05/26/23	THP
Thallium	ND		mg/Kg	2.9	Soil	0.96	314721	05/24/23	05/26/23	THP
Vanadium	55		mg/Kg	0.96	Soil	0.96	314721	05/24/23	05/26/23	THP
Zinc	120		mg/Kg	4.8	Soil	0.96	314721	05/24/23	05/26/23	THP
Method: EPA 6010B										
Prep Method: METHOD										
					WET					
Arsenic	0.39		mg/L	0.30	Leachate	10	315984	06/14/23	06/14/23	SBW
Method: EPA 6020										
Prep Method: EPA 3050B										
Arsenic	52		mg/Kg	0.97	Soil	0.97	314750	05/25/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.97	Soil	0.97	314750	05/25/23	05/25/23	JCP
Method: EPA 7199										
Prep Method: EPA 3060A										
Hexavalent Chromium	ND		mg/Kg	0.40	Soil	0.99	315126	06/01/23 09:51	06/01/23 16:32	AJL
Method: EPA 7471A										
Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.1	314736	05/25/23	05/25/23	KAM
Method: EPA 8082										
Prep Method: EPA 3546										
Aroclor-1016	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1221	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1232	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1242	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1248	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1254	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1260	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1262	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES
Aroclor-1268	ND		ug/Kg	99	Soil	2	314891	05/26/23	05/29/23	MES

Analysis Results for 485638

485638-018 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Surrogates			Limits							
Decachlorobiphenyl (PCB)	125%	*	%REC	19-121	Soil	2	314891	05/26/23	05/29/23	MES
Method: EPA 8270C-SIM										
Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Fluorene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Anthracene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Pyrene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Chrysene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	Soil	1	314752	05/25/23	05/25/23	TJW
Surrogates			Limits							
Nitrobenzene-d5	78%		%REC	27-125	Soil	1	314752	05/25/23	05/25/23	TJW
2-Fluorobiphenyl	77%		%REC	30-120	Soil	1	314752	05/25/23	05/25/23	TJW
Terphenyl-d14	84%		%REC	33-155	Soil	1	314752	05/25/23	05/25/23	TJW

Sample ID: B31-2.5FT
Lab ID: 485638-019
Collected: 05/20/23 12:05
Matrix: Soil

485638-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 6020										
Prep Method: EPA 3050B										
Arsenic	3.8		mg/Kg	0.98	0.98	315965	06/13/23	06/14/23	JCP	

Analysis Results for 485638

Sample ID: B32-0.5FT Lab ID: 485638-020 Collected: 05/20/23 12:10

485638-020 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	0.039		mg/L	0.015	TCLP Leachate	1	316340	06/16/23	06/16/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	190		mg/Kg	0.95	Soil	0.95	314721	05/24/23	05/26/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	3.3		mg/L	0.15	WET Leachate	10	315984	06/14/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	11		mg/Kg	0.99	Soil	0.99	314750	05/25/23	05/25/23	JCP

Sample ID: B32-2.5FT Lab ID: 485638-021 Collected: 05/21/23 12:15
Matrix: Soil

485638-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.0		mg/Kg	0.95	0.95	315966	06/13/23	06/13/23	SBW

Analysis Results for 485638

Sample ID: B30-0.5FT,B31-0.5FT,B32-0.5FT COMPOSITE	Lab ID: 485638-022 Matrix: Soil	Collected: 05/21/23
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485638-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	96%		%REC	23-120	1	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	116%		%REC	24-120	1	314891	05/26/23	05/29/23	MES

Sample ID: B33-0.5FT	Lab ID: 485638-023 Matrix: Soil	Collected: 05/21/23 12:00
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485638-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.1		mg/Kg	1.0	1	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	2.9		mg/Kg	0.98	0.98	314750	05/25/23	05/25/23	JCP

Analysis Results for 485638

Sample ID: B34-0.5FT	Lab ID: 485638-025	Collected: 05/21/23 11:30
	Matrix: Soil	

485638-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	1.0	1	314721	05/24/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.1		mg/Kg	0.99	0.99	314750	05/25/23	05/25/23	JCP

Sample ID: B33-0.5FT,B34-0.5FT COMPOSITE	Lab ID: 485638-027	Collected: 05/21/23
	Matrix: Soil	

485638-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	0.99	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	9.9	0.99	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	99	0.99	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	ND		ug/Kg	50	0.99	314891	05/26/23	05/29/23	MES
Surrogates				Limits					
TCMX	94%		%REC	23-120	0.99	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	120%		%REC	24-120	0.99	314891	05/26/23	05/29/23	MES

Analysis Results for 485638

Sample ID: B28D-0.5FT	Lab ID: 485638-028	Collected: 05/21/23 11:40
	Matrix: Soil	

485638-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	34		mg/Kg	0.98	0.98	314771	05/25/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.7		mg/Kg	0.96	0.96	314844	05/26/23	05/26/23	JCP

Sample ID: B34D-0.5FT	Lab ID: 485638-030	Collected: 05/21/23 11:10
	Matrix: Soil	

485638-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	12		mg/Kg	0.99	0.99	314771	05/25/23	05/26/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.7		mg/Kg	0.99	0.99	314844	05/26/23	05/26/23	JCP

* Value is outside QC limits
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1073798	Batch: 316340
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073798 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.015	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073799	Batch: 316340
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073799 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	1.877	2.000	mg/L	94%		80-120

Type: Matrix Spike	Lab ID: QC1073800	Batch: 316340
Matrix (Source ID): TCLP Leachate (485626-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073800 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	1.905	ND	2.000	mg/L	95%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1073801	Batch: 316340
Matrix (Source ID): TCLP Leachate (485626-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073801 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	1.893	ND	2.000	mg/L	95%		75-125	1	20	1

Type: Blank	Lab ID: QC1072687	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072687 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.30	06/14/23	06/14/23
Lead	ND		mg/L	0.15	06/14/23	06/14/23

Type: Lab Control Sample	Lab ID: QC1072688	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072688 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	3.919	4.000	mg/L	98%		80-120
Lead	3.993	4.000	mg/L	100%		80-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1072689	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072689 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Arsenic	4.080	4.000	mg/L	102%		80-120	4	20
Lead	4.151	4.000	mg/L	104%		80-120	4	20

Type: Blank	Lab ID: QC1073120	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073120 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.30	06/14/23	06/14/23
Lead	ND		mg/L	0.15	06/14/23	06/14/23

Type: Blank	Lab ID: QC1068353	Batch: 314721
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068353 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/24/23	05/25/23
Barium	ND		mg/Kg	1.0	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.50	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.50	05/24/23	05/25/23
Chromium	ND		mg/Kg	1.0	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.50	05/24/23	05/25/23
Copper	ND		mg/Kg	1.0	05/24/23	05/25/23
Lead	ND		mg/Kg	1.0	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	1.0	05/24/23	05/25/23
Nickel	ND		mg/Kg	1.0	05/24/23	05/25/23
Selenium	ND		mg/Kg	3.0	05/24/23	05/25/23
Silver	ND		mg/Kg	0.50	05/24/23	05/25/23
Thallium	ND		mg/Kg	3.0	05/24/23	05/25/23
Vanadium	ND		mg/Kg	1.0	05/24/23	05/25/23
Zinc	ND		mg/Kg	5.0	05/24/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068354	Batch: 314721
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068354 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	90.99	100.0	mg/Kg	91%		80-120
Barium	101.9	100.0	mg/Kg	102%		80-120
Beryllium	96.64	100.0	mg/Kg	97%		80-120
Cadmium	89.54	100.0	mg/Kg	90%		80-120
Chromium	102.7	100.0	mg/Kg	103%		80-120
Cobalt	105.4	100.0	mg/Kg	105%		80-120
Copper	92.54	100.0	mg/Kg	93%		80-120
Lead	101.6	100.0	mg/Kg	102%		80-120
Molybdenum	98.19	100.0	mg/Kg	98%		80-120
Nickel	101.8	100.0	mg/Kg	102%		80-120
Selenium	84.35	100.0	mg/Kg	84%		80-120
Silver	45.77	50.00	mg/Kg	92%		80-120
Thallium	111.9	100.0	mg/Kg	112%	b	80-120
Vanadium	101.8	100.0	mg/Kg	102%		80-120
Zinc	105.7	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1068355	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068355 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	33.97	2.310	98.04	mg/Kg	32%	*	75-125	0.98
Barium	272.4	179.8	98.04	mg/Kg	94%		75-125	0.98
Beryllium	93.16	0.5677	98.04	mg/Kg	94%		75-125	0.98
Cadmium	97.40	7.913	98.04	mg/Kg	91%		75-125	0.98
Chromium	131.3	32.18	98.04	mg/Kg	101%		75-125	0.98
Cobalt	110.4	12.12	98.04	mg/Kg	100%		75-125	0.98
Copper	121.5	28.79	98.04	mg/Kg	95%		75-125	0.98
Lead	104.6	9.243	98.04	mg/Kg	97%		75-125	0.98
Molybdenum	100.9	8.557	98.04	mg/Kg	94%		75-125	0.98
Nickel	137.9	42.12	98.04	mg/Kg	98%		75-125	0.98
Selenium	81.88	0.3954	98.04	mg/Kg	83%		75-125	0.98
Silver	44.25	ND	49.02	mg/Kg	90%		75-125	0.98
Thallium	103.2	0.9421	98.04	mg/Kg	104%	b	75-125	0.98
Vanadium	197.4	88.86	98.04	mg/Kg	111%		75-125	0.98
Zinc	179.9	87.57	98.04	mg/Kg	94%		75-125	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068356	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068356 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	34.93	2.310		96.15	mg/Kg	34%	*	75-125	5	41	0.96
Barium	590.3	179.8		96.15	mg/Kg	427%	*	75-125	74*	20	0.96
Beryllium	92.27	0.5677		96.15	mg/Kg	95%		75-125	1	20	0.96
Cadmium	95.03	7.913		96.15	mg/Kg	91%		75-125	1	20	0.96
Chromium	127.1	32.18		96.15	mg/Kg	99%		75-125	2	20	0.96
Cobalt	107.4	12.12		96.15	mg/Kg	99%		75-125	1	20	0.96
Copper	116.8	28.79		96.15	mg/Kg	92%		75-125	2	20	0.96
Lead	107.3	9.243		96.15	mg/Kg	102%		75-125	4	20	0.96
Molybdenum	96.46	8.557		96.15	mg/Kg	91%		75-125	3	20	0.96
Nickel	129.8	42.12		96.15	mg/Kg	91%		75-125	5	20	0.96
Selenium	81.43	0.3954		96.15	mg/Kg	84%		75-125	1	20	0.96
Silver	44.03	ND		48.08	mg/Kg	92%		75-125	1	20	0.96
Thallium	101.2	0.9421		96.15	mg/Kg	104%	b	75-125	0	20	0.96
Vanadium	187.5	88.86		96.15	mg/Kg	103%		75-125	4	20	0.96
Zinc	171.9	87.57		96.15	mg/Kg	88%		75-125	4	20	0.96

Type: Post Digest Spike	Lab ID: QC1068357	Batch: 314721
Matrix (Source ID): Soil (485622-018)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068357 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	DF	
		Result								
Antimony	93.87	2.310		97.09	mg/Kg	94%		75-125		0.97
Barium	275.3	179.8		97.09	mg/Kg	98%		75-125		0.97
Beryllium	95.06	0.5677		97.09	mg/Kg	97%		75-125		0.97
Cadmium	100.5	7.913		97.09	mg/Kg	95%		75-125		0.97
Chromium	130.6	32.18		97.09	mg/Kg	101%		75-125		0.97
Cobalt	113.3	12.12		97.09	mg/Kg	104%		75-125		0.97
Copper	126.1	28.79		97.09	mg/Kg	100%		75-125		0.97
Lead	108.1	9.243		97.09	mg/Kg	102%		75-125		0.97
Molybdenum	109.2	8.557		97.09	mg/Kg	104%		75-125		0.97
Nickel	138.9	42.12		97.09	mg/Kg	100%		75-125		0.97
Selenium	85.17	0.3954		97.09	mg/Kg	87%		75-125		0.97
Silver	46.34	ND		48.54	mg/Kg	95%		75-125		0.97
Thallium	105.0	0.9421		97.09	mg/Kg	107%	b	75-125		0.97
Vanadium	187.2	88.86		97.09	mg/Kg	101%		75-125		0.97
Zinc	184.3	87.57		97.09	mg/Kg	100%		75-125		0.97

Batch QC

Type: Blank	Lab ID: QC1068532	Batch: 314771
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068532 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	05/25/23	05/26/23

Type: Lab Control Sample	Lab ID: QC1068533	Batch: 314771
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068533 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	102.7	100.0	mg/Kg	103%		80-120

Type: Matrix Spike	Lab ID: QC1068534	Batch: 314771
Matrix (Source ID): Soil (485711-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068534 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	128.7	27.95	98.04	mg/Kg	103%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1068535	Batch: 314771
Matrix (Source ID): Soil (485711-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068535 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	121.5	27.95	96.15	mg/Kg	97%		75-125	4	20	0.96

Type: Post Digest Spike	Lab ID: QC1068536	Batch: 314771
Matrix (Source ID): Soil (485711-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068536 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	137.6	27.95	100.0	mg/Kg	110%		75-125	1

Type: Blank	Lab ID: QC1072611	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072611 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	06/13/23	06/13/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1072612	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072612 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	105.7	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1072613	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072613 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	105.7	5.867	95.24	mg/Kg	105%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1072614	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	105.2	5.867	96.15	mg/Kg	103%		75-125	1	20	0.96

Type: Post Digest Spike	Lab ID: QC1072615	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	110.4	5.867	98.04	mg/Kg	107%		75-125	0.98

Type: Blank	Lab ID: QC1068444	Batch: 314750
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068444 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/25/23	05/25/23
Thallium	ND		mg/Kg	1.0	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068445	Batch: 314750
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	117.1	100.0	mg/Kg	117%		80-120
Thallium	111.6	100.0	mg/Kg	112%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068446	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	115.4	6.289	98.04	mg/Kg	111%		75-125	0.98
Thallium	103.5	0.7096	98.04	mg/Kg	105%		75-125	0.98

Type: Matrix Spike Duplicate	Lab ID: QC1068447	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	103.5	6.289	96.15	mg/Kg	101%		75-125	9	20	0.96
Thallium	96.10	0.7096	96.15	mg/Kg	99%		75-125	6	20	0.96

Type: Post Digest Spike	Lab ID: QC1068448	Batch: 314750
Matrix (Source ID): Soil (485622-018)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	112.7	6.289	96.15	mg/Kg	111%		75-125	0.96
Thallium	104.2	0.7096	96.15	mg/Kg	108%		75-125	0.96

Type: Blank	Lab ID: QC1068784	Batch: 314844
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068784 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/26/23	05/26/23

Type: Lab Control Sample	Lab ID: QC1068785	Batch: 314844
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068785 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	103.6	100.0	mg/Kg	104%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068786	Batch: 314844
Matrix (Source ID): Soil (485743-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068786 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	97.39	1.781	95.24	mg/Kg	100%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1068787	Batch: 314844
Matrix (Source ID): Soil (485743-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068787 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	98.18	1.781	96.15	mg/Kg	100%		75-125	0	20	0.96

Type: Post Digest Spike	Lab ID: QC1068788	Batch: 314844
Matrix (Source ID): Soil (485743-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	110.5	1.781	98.04	mg/Kg	111%		75-125	0.98

Type: Blank	Lab ID: QC1072607	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072607 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/13/23	06/14/23

Type: Lab Control Sample	Lab ID: QC1072608	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072608 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	109.3	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC1072609	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072609 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	107.9	3.436	96.15	mg/Kg	109%		75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1072610	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072610 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	106.4	3.436	96.15	mg/Kg	107%		75-125	1	20	0.96

Type: Post Digest Spike	Lab ID: QC1072813	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072813 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	57.53	3.436	49.02	mg/Kg	110%		75-125	0.98

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Batch QC

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068391	Batch: 314736
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068391 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/25/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068392	Batch: 314736
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068392 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8350	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068393	Batch: 314736
Matrix (Source ID): Soil (485700-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068393 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.016	0.09050	0.9259	mg/Kg	100%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1068394	Batch: 314736
Matrix (Source ID): Soil (485700-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068394 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.065	0.09050	0.9804	mg/Kg	99%		75-125	1	20	1.2

Batch QC

Type: Blank	Lab ID: QC1068973	Batch: 314891
Matrix: Soil		

QC1068973 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
beta-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
gamma-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
delta-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
Heptachlor	ND		ug/Kg	5.0	05/26/23	05/29/23
Aldrin	ND		ug/Kg	5.0	05/26/23	05/29/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/26/23	05/29/23
Endosulfan I	ND		ug/Kg	5.0	05/26/23	05/29/23
Dieldrin	ND		ug/Kg	5.0	05/26/23	05/29/23
4,4'-DDE	ND		ug/Kg	5.0	05/26/23	05/29/23
Endrin	ND		ug/Kg	5.0	05/26/23	05/29/23
Endosulfan II	ND		ug/Kg	5.0	05/26/23	05/29/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/26/23	05/29/23
4,4'-DDD	ND		ug/Kg	5.0	05/26/23	05/29/23
Endrin aldehyde	ND		ug/Kg	5.0	05/26/23	05/29/23
Endrin ketone	ND		ug/Kg	5.0	05/26/23	05/29/23
4,4'-DDT	ND		ug/Kg	5.0	05/26/23	05/29/23
Methoxychlor	ND		ug/Kg	9.9	05/26/23	05/29/23
Toxaphene	ND		ug/Kg	99	05/26/23	05/29/23
Chlordane (Technical)	ND		ug/Kg	50	05/26/23	05/29/23
Surrogates				Limits		
TCMX	86%		%REC	23-120	05/26/23	05/29/23
Decachlorobiphenyl	107%		%REC	24-120	05/26/23	05/29/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1221	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1232	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1242	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1248	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1254	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1260	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1262	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1268	ND		ug/Kg	50	05/26/23	05/29/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	100%		%REC	19-121	05/26/23	05/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068974	Batch: 314891
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1068974 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	49.31	49.36	ug/Kg	100%		22-129
beta-BHC	49.57	49.36	ug/Kg	100%		28-125
gamma-BHC	47.66	49.36	ug/Kg	97%		22-128
delta-BHC	52.04	49.36	ug/Kg	105%		24-131
Heptachlor	49.53	49.36	ug/Kg	100%		18-124
Aldrin	39.93	49.36	ug/Kg	81%		23-120
Heptachlor epoxide	51.96	49.36	ug/Kg	105%	#	26-120
Endosulfan I	50.41	49.36	ug/Kg	102%		25-126
Dieldrin	58.79	49.36	ug/Kg	119%		23-124
4,4'-DDE	54.38	49.36	ug/Kg	110%		28-121
Endrin	66.99	49.36	ug/Kg	136%	#, *	25-127
Endosulfan II	54.97	49.36	ug/Kg	111%	#	29-121
Endosulfan sulfate	53.35	49.36	ug/Kg	108%		30-121
4,4'-DDD	53.12	49.36	ug/Kg	108%		26-120
Endrin aldehyde	23.53	49.36	ug/Kg	48%		10-120
Endrin ketone	53.12	49.36	ug/Kg	108%	#	28-125
4,4'-DDT	55.52	49.36	ug/Kg	112%		22-125
Methoxychlor	55.01	49.36	ug/Kg	111%		28-130
Surrogates						
TCMX	43.27	49.36	ug/Kg	88%		23-120
Decachlorobiphenyl	46.89	49.36	ug/Kg	95%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1069090	Batch: 314891
Matrix (Source ID): Soil (485638-005)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069090 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	48.80	ND	49.46	ug/Kg	99%		46-120	0.99
beta-BHC	51.74	ND	49.46	ug/Kg	105%		41-120	0.99
gamma-BHC	48.98	ND	49.46	ug/Kg	99%		41-120	0.99
delta-BHC	56.55	ND	49.46	ug/Kg	114%		38-123	0.99
Heptachlor	50.74	ND	49.46	ug/Kg	103%		39-120	0.99
Aldrin	44.49	ND	49.46	ug/Kg	90%		34-120	0.99
Heptachlor epoxide	53.08	ND	49.46	ug/Kg	107%	#	43-120	0.99
Endosulfan I	52.41	ND	49.46	ug/Kg	106%		45-120	0.99
Dieldrin	50.76	ND	49.46	ug/Kg	103%		45-120	0.99
4,4'-DDE	54.81	ND	49.46	ug/Kg	111%		34-120	0.99
Endrin	66.96	ND	49.46	ug/Kg	135%	#, *	40-120	0.99
Endosulfan II	56.48	ND	49.46	ug/Kg	114%	#	41-120	0.99
Endosulfan sulfate	49.98	ND	49.46	ug/Kg	101%		42-120	0.99
4,4'-DDD	57.34	ND	49.46	ug/Kg	116%		41-120	0.99
Endrin aldehyde	42.91	ND	49.46	ug/Kg	87%		30-120	0.99
Endrin ketone	53.76	ND	49.46	ug/Kg	109%	#	45-120	0.99
4,4'-DDT	64.60	ND	49.46	ug/Kg	131%	*	35-127	0.99
Methoxychlor	64.77	ND	49.46	ug/Kg	131%		42-136	0.99
Surrogates								
TCMX	42.48		49.46	ug/Kg	86%		23-120	0.99
Decachlorobiphenyl	50.48		49.46	ug/Kg	102%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1069091	Batch: 314891
Matrix (Source ID): Soil (485638-005)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069091 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	49.99	ND	49.80	ug/Kg	100%		46-120	2	30	1
beta-BHC	54.84	ND	49.80	ug/Kg	110%		41-120	5	30	1
gamma-BHC	50.08	ND	49.80	ug/Kg	101%		41-120	2	30	1
delta-BHC	59.88	ND	49.80	ug/Kg	120%		38-123	5	30	1
Heptachlor	53.42	ND	49.80	ug/Kg	107%		39-120	4	30	1
Aldrin	46.55	ND	49.80	ug/Kg	93%		34-120	4	30	1
Heptachlor epoxide	57.02	ND	49.80	ug/Kg	115%	#	43-120	6	30	1
Endosulfan I	56.78	ND	49.80	ug/Kg	114%		45-120	7	30	1
Dieldrin	55.20	ND	49.80	ug/Kg	111%		45-120	8	30	1
4,4'-DDE	59.46	ND	49.80	ug/Kg	119%		34-120	7	30	1
Endrin	72.84	ND	49.80	ug/Kg	146%	#,*	40-120	8	30	1
Endosulfan II	61.42	ND	49.80	ug/Kg	123%	#,*	41-120	8	30	1
Endosulfan sulfate	55.54	ND	49.80	ug/Kg	112%		42-120	10	30	1
4,4'-DDD	62.66	ND	49.80	ug/Kg	126%	*	41-120	8	30	1
Endrin aldehyde	45.54	ND	49.80	ug/Kg	91%		30-120	5	30	1
Endrin ketone	59.30	ND	49.80	ug/Kg	119%	#	45-120	9	30	1
4,4'-DDT	70.75	ND	49.80	ug/Kg	142%	*	35-127	8	30	1
Methoxychlor	72.98	ND	49.80	ug/Kg	147%	*	42-136	11	30	1
Surrogates										
TCMX	43.41		49.80	ug/Kg	87%		23-120			1
Decachlorobiphenyl	54.02		49.80	ug/Kg	108%		24-120			1

Type: Lab Control Sample	Lab ID: QC1069092	Batch: 314891
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1069092 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	471.7	492.6	ug/Kg	96%		14-150
Aroclor-1260	489.7	492.6	ug/Kg	99%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	46.21	49.26	ug/Kg	94%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1069093	Batch: 314891
Matrix (Source ID): Soil (485678-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1069093 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	557.3	ND	500.0	ug/Kg	111%		42-127	2
Aroclor-1260	546.7	ND	500.0	ug/Kg	109%		38-130	2
Surrogates								
Decachlorobiphenyl (PCB)	52.39		50.00	ug/Kg	105%		19-121	2

Type: Matrix Spike Duplicate	Lab ID: QC1069094	Batch: 314891
Matrix (Source ID): Soil (485678-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1069094 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	435.7	ND	492.6	ug/Kg	88%		42-127	23	30	2
Aroclor-1260	530.4	ND	492.6	ug/Kg	108%		38-130	2	30	2
Surrogates										
Decachlorobiphenyl (PCB)	51.06		49.26	ug/Kg	104%		19-121			2

Batch QC

Type: Blank	Lab ID: QC1068454	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068454 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
2-Methylnaphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Naphthalene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthylene	ND		ug/Kg	10	05/25/23	05/25/23
Acenaphthene	ND		ug/Kg	10	05/25/23	05/25/23
Fluorene	ND		ug/Kg	10	05/25/23	05/25/23
Phenanthrene	ND		ug/Kg	10	05/25/23	05/25/23
Anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Chrysene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(b)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(k)fluoranthene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(a)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	05/25/23	05/25/23
Dibenz(a,h)anthracene	ND		ug/Kg	10	05/25/23	05/25/23
Benzo(g,h,i)perylene	ND		ug/Kg	10	05/25/23	05/25/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/25/23	05/25/23
2-Fluorobiphenyl	84%		%REC	30-120	05/25/23	05/25/23
Terphenyl-d14	100%		%REC	33-155	05/25/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068455	Batch: 314752
Matrix: Miscell.	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068455 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	181.1	199.0	ug/Kg	91%		28-130
2-Methylnaphthalene	180.5	199.0	ug/Kg	91%		33-130
Naphthalene	179.5	199.0	ug/Kg	90%		25-130
Acenaphthylene	194.8	199.0	ug/Kg	98%		28-130
Acenaphthene	178.9	199.0	ug/Kg	90%		32-130
Fluorene	182.6	199.0	ug/Kg	92%		35-130
Phenanthrene	176.7	199.0	ug/Kg	89%		35-132
Anthracene	190.6	199.0	ug/Kg	96%		34-136
Fluoranthene	194.1	199.0	ug/Kg	98%		34-139
Pyrene	198.8	199.0	ug/Kg	100%		35-134
Benzo(a)anthracene	171.1	199.0	ug/Kg	86%		30-132
Chrysene	183.7	199.0	ug/Kg	92%		29-130
Benzo(b)fluoranthene	166.8	199.0	ug/Kg	84%		32-137
Benzo(k)fluoranthene	173.8	199.0	ug/Kg	87%		32-130
Benzo(a)pyrene	167.1	199.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	177.1	199.0	ug/Kg	89%		34-132
Dibenz(a,h)anthracene	183.6	199.0	ug/Kg	92%		32-130
Benzo(g,h,i)perylene	175.1	199.0	ug/Kg	88%		27-130
Surrogates						
Nitrobenzene-d5	198.9	199.0	ug/Kg	100%		27-125
2-Fluorobiphenyl	176.3	199.0	ug/Kg	89%		30-120
Terphenyl-d14	196.0	199.0	ug/Kg	99%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068456	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068456 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	182.8	ND	200.0	ug/Kg	91%		25-130	1
2-Methylnaphthalene	179.5	ND	200.0	ug/Kg	90%		32-133	1
Naphthalene	177.9	ND	200.0	ug/Kg	89%		33-130	1
Acenaphthylene	196.9	ND	200.0	ug/Kg	98%		14-157	1
Acenaphthene	175.8	ND	200.0	ug/Kg	88%		28-134	1
Fluorene	179.6	ND	200.0	ug/Kg	90%		27-140	1
Phenanthrene	173.1	ND	200.0	ug/Kg	87%		29-147	1
Anthracene	186.5	ND	200.0	ug/Kg	93%		24-156	1
Fluoranthene	191.0	ND	200.0	ug/Kg	95%		28-160	1
Pyrene	197.0	ND	200.0	ug/Kg	98%		26-153	1
Benzo(a)anthracene	163.6	ND	200.0	ug/Kg	82%		26-174	1
Chrysene	177.9	ND	200.0	ug/Kg	89%		40-139	1
Benzo(b)fluoranthene	159.7	ND	200.0	ug/Kg	80%		36-164	1
Benzo(k)fluoranthene	171.2	ND	200.0	ug/Kg	86%		36-161	1
Benzo(a)pyrene	163.1	ND	200.0	ug/Kg	82%		18-173	1
Indeno(1,2,3-cd)pyrene	172.0	ND	200.0	ug/Kg	86%		26-154	1
Dibenz(a,h)anthracene	177.7	ND	200.0	ug/Kg	89%		38-132	1
Benzo(g,h,i)perylene	169.9	ND	200.0	ug/Kg	85%		36-130	1
Surrogates								
Nitrobenzene-d5	189.2		200.0	ug/Kg	95%		27-125	1
2-Fluorobiphenyl	179.4		200.0	ug/Kg	90%		30-120	1
Terphenyl-d14	192.1		200.0	ug/Kg	96%		33-155	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068457	Batch: 314752
Matrix (Source ID): Soil (485720-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068457 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	171.9	ND	201.0	ug/Kg	86%		25-130	7	35	1
2-Methylnaphthalene	171.2	ND	201.0	ug/Kg	85%		32-133	5	35	1
Naphthalene	169.6	ND	201.0	ug/Kg	84%		33-130	5	35	1
Acenaphthylene	186.0	ND	201.0	ug/Kg	93%		14-157	6	35	1
Acenaphthene	168.5	ND	201.0	ug/Kg	84%		28-134	5	35	1
Fluorene	170.8	ND	201.0	ug/Kg	85%		27-140	6	35	1
Phenanthrene	168.2	ND	201.0	ug/Kg	84%		29-147	3	35	1
Anthracene	182.3	ND	201.0	ug/Kg	91%		24-156	3	35	1
Fluoranthene	182.6	ND	201.0	ug/Kg	91%		28-160	5	35	1
Pyrene	185.3	ND	201.0	ug/Kg	92%		26-153	7	35	1
Benzo(a)anthracene	157.0	ND	201.0	ug/Kg	78%		26-174	5	35	1
Chrysene	174.3	ND	201.0	ug/Kg	87%		40-139	3	35	1
Benzo(b)fluoranthene	151.8	ND	201.0	ug/Kg	76%		36-164	6	35	1
Benzo(k)fluoranthene	169.0	ND	201.0	ug/Kg	84%		36-161	2	35	1
Benzo(a)pyrene	155.8	ND	201.0	ug/Kg	77%		18-173	5	35	1
Indeno(1,2,3-cd)pyrene	165.5	ND	201.0	ug/Kg	82%		26-154	4	35	1
Dibenz(a,h)anthracene	172.0	ND	201.0	ug/Kg	86%		38-132	4	35	1
Benzo(g,h,i)perylene	165.4	ND	201.0	ug/Kg	82%		36-130	3	35	1
Surrogates										
Nitrobenzene-d5	180.1		201.0	ug/Kg	90%		27-125			1
2-Fluorobiphenyl	171.2		201.0	ug/Kg	85%		30-120			1
Terphenyl-d14	182.8		201.0	ug/Kg	91%		33-155			1

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

b See narrative

Laboratory Job Number 485638

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
 Enthalpy Analytical

Fax #:

From: Patricia Weakley

AmeriSci Job #: 923051465

Subject: PLM-Bulk-Qualitative 5 day Resul

Client Project: EO-485638

Email: incomingreports@enthalpy.com, ranjit.clarke@enthalpy.com

Date: Friday, June 2, 2023

Time: 08:08:02

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

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Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

PLM Bulk Asbestos Report

Enthalpy Analytical
Attn: Project Manager
931 W. Barkley Ave.

Date Received 05/25/23
Date Examined 05/30/23

AmeriSci Job # 923051465
P.O. # PO-046583
Page 1 of 3

RE: EO-485638

Orange, CA 92868

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B24-0.5FT Location: 485638-001 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-01	No	NVA by Patricia Weakley on 05/30/23
B25-0.5FT Location: 485638-003 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-02	No	NVA by Patricia Weakley on 05/30/23
B26-0.5FT Location: 485638-006 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-03	No	NVA by Patricia Weakley on 05/30/23
B27-0.5FT Location: 485638-008 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-04	No	NVA by Patricia Weakley on 05/31/23
B28-0.5FT Location: 485638-011 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-05	No	NVA by Patricia Weakley on 05/31/23

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-485638

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B29-0.5FT Location: 485638-013 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-06	No	NVA by Patricia Weakley on 05/31/23
B30-0.5FT Location: 485638-016 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-07	No	NVA by Patricia Weakley on 05/31/23
B31-0.5FT Location: 485638-018 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-08	No	NVA by Patricia Weakley on 05/31/23
B32-0.5FT Location: 485638-020 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-09	No	NVA by Patricia Weakley on 05/31/23
B33-0.5FT Location: 485638-023 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-10	No	NVA by Patricia Weakley on 06/01/23
B34-0.5FT Location: 485638-025 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-11	No	NVA by Patricia Weakley on 06/01/23

See Reporting notes on last page

PLM Bulk Asbestos Report

EO-485638

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
B28D-0.5FT Location: 485638-028 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-12	No	NVA by Patricia Weakley on 06/01/23
B34D-0.5FT Location: 485638-030 Analyst Description: Brown, Homogeneous, Non-Fibrous, Soil Asbestos Types: Other Material: NVA	923051465-13	No	NVA by Patricia Weakley on 06/01/23

Reporting Notes:

Analyzed by: Patricia Weakley
Date: 5/30/2023



Reviewed by: Megan A DeLara



*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/R-93/116, including requirements for EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051465

Glenda,

Here are the rest of the POs:

- EO-485621 = PO-046571
- EO-485622 = PO-046572
- EO-485627 = PO-046573
- EO-485629 = PO-046582
- EO-485638 = PO-046583
- EO-485650 = PO-046584
- EO-485657 = PO-046585

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.

Rec'd by Glenda Luzon 5/26/23 @ 15:15

Subcontract Laboratory:

 AmeriSci
 24416 S. Main Street
 Suite 308
 Carson, CA 90745
 ATTN: Sample Control
 PO #: Required, to be sent via email

Enthalpy Order: EO-485638

 PM: Ranjit K Clarke
 Email: Ranjit.Clarke@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-9906

923051465

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs:

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B24-0.5FT	21-MAY-2023 10:10	485638-001	1	Soil	Asbestos by PLM	Qualitative P/A
B25-0.5FT	21-MAY-2023 10:40	485638-003	1	Soil	Asbestos by PLM	Qualitative P/A
B26-0.5FT	21-MAY-2023 10:50	485638-006	1	Soil	Asbestos by PLM	Qualitative P/A
B27-0.5FT	21-MAY-2023 11:05	485638-008	1	Soil	Asbestos by PLM	Qualitative P/A
B28-0.5FT	20-MAY-2023 11:40	485638-011	1	Soil	Asbestos by PLM	Qualitative P/A
B29-0.5FT	20-MAY-2023 10:25	485638-013	1	Soil	Asbestos by PLM	Qualitative P/A
B30-0.5FT	20-MAY-2023 11:20	485638-016	1	Soil	Asbestos by PLM	Qualitative P/A
B31-0.5FT	20-MAY-2023 12:00	485638-018	1	Soil	Asbestos by PLM	Qualitative P/A
B32-0.5FT	20-MAY-2023 12:10	485638-020	1	Soil	Asbestos by PLM	Qualitative P/A
B33-0.5FT	21-MAY-2023 12:00	485638-023	1	Soil	Asbestos by PLM	Qualitative P/A
B34-0.5FT	21-MAY-2023 11:30	485638-025	1	Soil	Asbestos by PLM	Qualitative P/A
B28D-0.5FT	21-MAY-2023 11:40	485638-028	1	Soil	Asbestos by PLM	Qualitative P/A
B34D-0.5FT	21-MAY-2023 11:10	485638-030	1	Soil	Asbestos by PLM	Qualitative P/A

Notes:	Relinquished By:	Received By:
	<i>Don Simpson</i>	<i>Glenda Wason</i>
	Date: <i>5/25/23 1200</i>	Date: <i>5.25.23e 12:00</i>
	Date:	Date:
	Date:	Date:



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485650
Report Level: II
Report Date: 06/19/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: 485650 Project No: IRVING MS Location: 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1 Date Received: 05/23/23
---	---

Sample ID	Lab ID	Collected	Matrix
B1-0.5FT	485650-001	05/21/23 06:35	Soil
B1-2.5FT	485650-002	05/21/23 06:40	Soil
B2-0.5FT	485650-003	05/21/23 06:45	Soil
B2-2.5FT	485650-004	05/21/23 06:50	Soil
B3-0.5FT	485650-005	05/21/23 07:00	Soil
B3-2.5FT	485650-006	05/21/23 07:05	Soil
B1-0.5FT,B2-0.5FT,B3-0.5FT COMPSITE	485650-007	05/21/23 00:00	Soil
B4-0.5FT	485650-008	05/21/23 14:50	Soil
B4-2.5FT	485650-009	05/21/23 15:00	Soil
B5-0.5FT	485650-010	05/21/23 14:30	Soil
B5-2.5FT	485650-011	05/21/23 14:35	Soil
B4-0.5FT,B5-0.5FT COMPSITE	485650-012	05/21/23 00:00	Soil
B6-0.5FT	485650-013	05/21/23 09:50	Soil
B6-2.5FT	485650-014	05/21/23 09:55	Soil
B7-0.5FT	485650-015	05/21/23 09:40	Soil
B7-2.5FT	485650-016	05/21/23 09:45	Soil
B6-0.5FT,B7-0.5FT COMPOSITE	485650-017	05/21/23 00:00	Soil
B8-0.5FT	485650-018	05/21/23 09:30	Soil
B8-2.5FT	485650-019	05/21/23 09:35	Soil
B9-0.5FT	485650-020	05/21/23 09:20	Soil
B9-2.5FT	485650-021	05/21/23 09:25	Soil
B8-0.5FT,B9-0.5FT COMPOSITE	485650-022	05/21/23 00:00	Soil
B10-0.5FT	485650-023	05/21/23 09:10	Soil
B10-2.5FT	485650-024	05/21/23 09:15	Soil
B11-0.5FT	485650-025	05/21/23 08:55	Soil

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: Project No: Location: Date Received:	485650 IRVING MS 3010 Estara Ave., Los Angeles, CA 90065 - Supplemental Report 1 05/23/23
---	--	---

Sample ID	Lab ID	Collected	Matrix
B11-2.5FT	485650-026	05/21/23 09:00	Soil
B10-0.5FT,B11-0.5FT COMPOSITE	485650-027	05/21/23 00:00	Soil
B12-0.5FT	485650-028	05/21/23 08:45	Soil
B12-2.5FT	485650-029	05/21/23 08:50	Soil
B13-0.5FT	485650-030	05/21/23 08:30	Soil
B13-2.5FT	485650-031	05/21/23 08:35	Soil
B12-0.5FT,B13-0.5FT COMPOSITE	485650-032	05/21/23 00:00	Soil
B13D-0.5FT	485650-033	05/21/23 08:30	Soil
B13D-2.5FT	485650-034	05/21/23 08:35	Soil

Case Narrative

CES Group, Inc.	Lab Job	485650
33175 Temecula	Number:	
Pkwy	Project No:	IRVING MS
Ste. A-734	Location:	3010 Estara Ave., Los Angeles, CA 90065 - Supplemental
Temecula, CA	Report 1	
92592	Date	05/23/23
Skye Greene	Received:	

- This data package contains sample and QC results for twenty soil samples, five two-point soil composites, and one three-point soil composite, requested for the above referenced project on 05/23/23. The samples were received cold and intact.
- Supplemental Report 1 - The additional analyses requested on 06/08/23 are now included.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High RPD was observed for naphthalene in the MS/MSD for batch 314640; the parent sample was not a project sample, and this analyte was not detected at or above the RL in the associated samples.
- B5-0.5FT (lab # 485650-010) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- High recovery was observed for endrin in the LCS for batch 314891; this analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for a number of analytes in the MS/MSD of B24-0.5FT, B25-0.5FT COMPOSITE (lab # 485638-005); the associated RPDs were within limits.
- High surrogate recovery was observed for decachlorobiphenyl in B10-0.5FT, B11-0.5FT COMPOSITE (lab # 485650-027); the corresponding TCMX surrogate recovery was within limits.
- No other analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A) Soil:

- High response was observed for thallium in the ICV analyzed 06/13/23 09:20; affected data was qualified with "b".
- High responses were observed for selenium and thallium in the CCV analyzed 05/25/23 11:28; affected data was qualified with "b".
- High responses were observed for selenium and thallium in the CCV analyzed 05/25/23 12:07; affected data was qualified with "b".
- Low recoveries were observed for antimony in the MS/MSD of B1-0.5FT (lab # 485650-001); the LCS was within limits, and the associated RPD was within limits. High recovery was observed for lead in the MSD of B1-0.5FT (lab # 485650-001); the LCS was within limits. High RPD was also observed for lead in the MS/MSD of B1-0.5FT (lab # 485650-001).
- Nickel was detected above the RL in the method blank for batch 314699; this analyte was detected in samples at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614

Chain of Custody Record
 Lab No: **485650**
 Page: **1** of **4**

Turn Around Time (Rush by advanced notice only)
 Standard: **X** 4 Day: **X** 3 Day:
 2 Day: 1 Day: Same Day:

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other



CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Quote No. CES030223A
 Email: SGREEN@CESGROUP.CO P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-734 Address: 3010 Estara Ave
 Temecula, CA 92592 Los Angeles, CA 90065
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: D. Baysa

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request							Test Instructions / Comments		
						Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199		PAHs (Low Level) 8270 SIM	Hold
1 B1 - 0.5ft	05/21/23	6:35 AM	S	1/8oz, 1/2oz		X	X	X							Analyze 0.5' samples. Hold deeper samples. 2.5 / 1.03
2 B1 - 2.5ft	05/21/23	6:40 AM	S	1/8oz									X		
3 B2 - 0.5ft	05/21/23	6:45 AM	S	1/8oz, 1/2oz		X	X								
4 B2 - 2.5ft	05/21/23	6:50 AM	S	1/8oz									X		
5 B3 - 0.5ft	05/21/23	7:00 AM	S	1/8oz, 1/2oz		X	X	X							
6 B3 - 2.5ft	05/21/23	7:05 AM	S	1/8oz									X		
7 B1-0.5ft, B2-0.5ft, B3-0.5ft composite	05/21/23		S					X						Composite in lab	
8 B4 - 0.5ft	05/20/23	2:50 PM	S	1/8oz, 1/2oz		X	X								
9 B4 - 2.5ft	05/20/23	3:00 PM	S	1/8oz											
10 B5 - 0.5ft	05/20/23	2:30 PM	S	1/8oz, 1/2oz		X	X	X	X	X	X	X	X		

CUSTOMER INFORMATION

Signature: *[Signature]* Print Name: Danny Baysa
 Relinquished By: *[Signature]* Company / Title: CES Group / Field Supervisor
 Received By: *[Signature]* Date / Time: 5/23/23 11:55
 Relinquished By: *[Signature]* Date / Time: 5-23-23 11:55
 Received By: *[Signature]*

ENTHALPHY ANALYTICAL, INC.		Chain of Custody Record		Turn Around Time (Rush by advanced notice only)	
806 N. Batavia St., Orange, CA 92868		Lab No: 485650		Standard: X 4 Day: 3 Day:	
Phone: (714) 771-6900 Fax: (714) 771-9933		Page: 2 of 4		1 Day: Same Day:	
Billing: Enthalpy - SoCal		Matrix: A = Air DW = Drinking Water		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃	
c/o Montrose Environmental Group		FL = Food Liquid FS = Food Solid L = Liquid		4 = H ₂ SO ₄ 5 = NaOH 6 = Other	
1 Park Plaza, Suite 1000, Irvine, CA 92614		PP = Pure Product S = Solid SeaW = Sea Water			
		SW = Swab W = Water WP = Wipe O = Other			



CUSTOMER INFORMATION		PROJECT INFORMATION				Analysis Request						Test Instructions / Comments		
Company:	CES Group	Name:	Irving MS	Container No. / Size	Pres.	Lead (6010B)	Arsenic (6020)	PLM - Asbestos (Presence/Absence)	Organochlorine Pesticides (8081A)	PCBs (8082)	Title 22 Metals (6010B/7471A)	Hex Chrom 7199	PAHs (Low Level) 8270 SIM	
Report To:	Skye Green	Number:	CES030223A	Matrix										
Email:	sgreen@cesgroup.co	P.O. #:	34423	Sampling Time										
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave	Sample ID										
	Temecula, CA 92592		Los Angeles, CA 90065											
Phone:	714-398-6363	Global ID:												
Fax:	951-848-9812	Sampled By:	D. Baysa											
1	B5 - 2.5ft	05/20/23	2:35 PM	S	1/8oz									Hold
2	B4 - 0.5ft, B5 - 0.5ft composite	05/20/23	9:50 AM	S	1/8oz, 1/2oz	X	X	X						Composite in lab
3	B6 - 0.5ft	05/21/23	9:55 AM	S	1/8oz									
4	B6 - 2.5ft	05/21/23	9:40 AM	S	1/8oz, 1/2oz	X	X	X						
5	B7 - 0.5ft	05/21/23	9:45 AM	S	1/8oz									
6	B7 - 2.5ft	05/21/23	9:30 AM	S	1/8oz, 1/2oz	X	X	X	X					Composite in lab
7	B6 - 0.5ft, B7 - 0.5ft composite	05/21/23	9:35 AM	S	1/8oz									
8	B8 - 0.5ft	05/21/23	9:20 AM	S	1/8oz, 1/2oz	X	X	X						
9	B8 - 2.5ft	05/21/23		S	1/8oz									
10	B9 - 0.5ft	05/21/23		S	1/8oz, 1/2oz	X	X	X						

Signature		Print Name		Company / Title		Date / Time	
		Danny Baysa		CES Group/ Field Supervisor		5/23/23 11:52	
1 Relinquished By:							
1 Received By:							
2 Relinquished By:							
2 Received By:							

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **485 650**

Page: **3** of **4**

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard:	X	4 Day:		3 Day:	
2 Day:		1 Day:		Same Day:	

CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Number: CES030223A
 Email: sgreen@cesgroup.co P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-734 Address: 3010 Estara Ave
 Temecula, CA 92592 Los Angeles, CA 90065
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: D. Baysa

PROJECT INFORMATION

Analysis Request	Test Instructions / Comments
Lead (6010B)	Analyze 0.5' samples. Hold deeper samples.
Arsenic (6020)	
PLM - Asbestos (Presence/Absence)	
Organochlorine Pesticides (8081A)	
PCBs (8082)	
Title 22 Metals (6010B/7471A)	
Hex Chrom 7199	
PAHs (Low Level) 8270 SIM	
Hold	

CUSTOMER INFORMATION

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B9 - 2.5ft	05/21/23	9:25 AM	S	1/8oz	
2 B8 - 0.5ft, B9 - 0.5ft composite	05/21/23		S		
3 B10 - 0.5ft	05/21/23	9:10 AM	S	1/8oz, 1/2oz	
4 B10 - 2.5ft	05/21/23	9:15 AM	S	1/8oz	
5 B11 - 0.5ft	05/21/23	8:55 AM	S	1/8oz, 1/2oz	
6 B11 - 2.5ft	05/21/23	9:00 AM	S	1/8oz	
7 B10 - 0.5ft, B11 - 0.5ft composite	05/21/23		S		
8 B12 - 0.5ft	05/21/23	8:45 AM	S	1/8oz, 1/2oz	
9 B12 - 2.5ft	05/21/23	8:50 AM	S	1/8oz	
10 B13 - 0.5ft	05/21/23	8:30 AM	S	1/8oz, 1/2oz	

Signature

[Signature]

Print Name

Danny Baysa

Company / Title

CES Group/ Field Supervisor

Date / Time

5/22/23 11:35
 5-23-23 (55)

1 Relinquished By: *[Signature]*

1 Received By: *[Signature]*

2 Relinquished By:

2 Received By:

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal

c/o Montrose Environmental Group

1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: **485650**

Page: 4 of 4

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: X 4 Day: 3 Day:
 1 Day: Same Day:

CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Number: CES030223A
 Email: sgreen@cesgroup.co P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-734 Address: 3010 Estara Ave
 Temecula, CA 92592 Los Angeles, CA 90065
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: D. Baysa

PROJECT INFORMATION

Analysis Request
 Lead (6010B) Arsenic (6020) PLM - Asbestos (Presence/Absence) Organochlorine Pesticides (8081A) PCBs (8082) Title 22 Metals (6010B/7471A) Hex Chrom 7199 PAHs (Low Level) 8270 SIM
 Test Instructions / Comments
 Analyze 0.5' samples. Hold deeper samples unless analysis noted.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B13 - 2.5ft	05/21/23	8:35 AM	S	1/8oz	
2 B12 - 0.5ft, B13 - 0.5ft composite	05/21/23	8:30 AM	S	1/8oz 2/8oz	
3 B13D - 0.5ft	05/21/23	8:35 AM			X
4 B13D - 2.5ft					X
5					
6					
7					
8					
9					
10					

Signature	Print Name	Company / Title	Date / Time
	Danny Baysa	CES Group/ Field Supervisor	5/23/23 11:55
	Nylka	PAF	5-23-23 11:55



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CES Group, Inc. Project: Irving MS CES030223A

Date Received: 5/23/23 Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 1 NO (skip section 2) Sample Temp (°C) (No Cooler) : _____

Sample Temp (°C), One from each cooler: #1: 2.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 1.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By: [Signature] Date: 5-23-23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] Additional Analyses

1 message

Skye Green <sgreen@cesgroup.co>

Thu, Jun 8, 2023 at 12:32 PM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>

Cc: Danny Baysa <dbaysa@cesgroup.co>, "jbaysa.cesgroup" <jbaysa.cesgroup@gmail.com>

Ranjit,

Can we run the following additional analyses for the Irving Middle School project...

B5-0.5' – Arsenic 13 mg/kg, Lead 190 mg/kg – Run STLC and TCLP for lead on B5-0.5ft, Run B5-2.5ft for lead and arsenic

B7-0.5' – Lead 73 mg/kg – Run STLC for lead on B7-0.5ft

B11-0.5' – lead 170 mg/kg, Arsenic 12 mg/kg, low level PAHs – Run STLC and TCLP for lead on B11-0.5ft, Run B11-2.5ft for lead and arsenic

B12-0.5' – Lead 61 mg/kg, Arsenic 50 mg/kg – Run STLC for lead and As on B12-0.5ft, Run B12-2.5ft for lead and arsenic

B13-0.5' – Arsenic 12 mg/kg – Run B13-2.5ft for Arsenic

B19-0.5' – Asbestos present – Quantify Asbestos – Run B19-2.5ft for Asbestos (Quantify if present)

B-22-0.5' – Asbestos present – Quantify Asbestos – Run B-22-2.5ft for Asbestos (Quantify if present)

B31-0.5' – Arsenic 52 mg/kg – Run STLC for As on B31-0.5ft, Run B31-2.5ft for Arsenic

B32-0.5' – Lead 190 mg/kg – Run STLC and TCLP on B32-0.5ft, Run B32-2.5ft for lead

B47-0.5' – Lead 55 mg/kg, Arsenic 15 mg/kg – Run STLC for lead on B47-0.5ft, Run B47-2.5ft for lead and arsenic

B48-0.5' – Arsenic 13 mg/kg, low level PAHs – Run B48-2.5ft for Arsenic

B56-0.5' – Arsenic 100 mg/kg, ORO 20 mg/kg Run STLC and TCLP for arsenic on B56-0.5ft, run B56-2.5ft for arsenic

B60-0.5' – Lead 60 mg/kg – Run STLC for lead on B60-0.5ft

B62-0.5' – Lead 62 mg/kg – Run STLC for lead on B62-0.5ft

B63-0.5' – Lead 91 mg/kg – Run STLC for lead on B63-0.5ft, Run B63-2.5ft for lead

Skye Green, PE

CES Group Inc

CES/Novacom/ERG

714-398-6363 mobile

951-808-8585 office

951-848-9812 fax

Analysis Results for 485650

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485650
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles,
 CA 90065 - Supplemental Report 1
 Date Received: 05/23/23

Sample ID: B1-0.5FT Lab ID: 485650-001 Collected: 05/21/23 06:35
Matrix: Soil

485650-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	49		mg/Kg	0.96	0.96	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.4		mg/Kg	0.95	0.95	314698	05/24/23	05/25/23	JCP

Sample ID: B2-0.5FT Lab ID: 485650-003 Collected: 05/21/23 06:45
Matrix: Soil

485650-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	40		mg/Kg	0.98	0.98	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.6		mg/Kg	1.0	1	314698	05/24/23	05/25/23	JCP

Sample ID: B3-0.5FT Lab ID: 485650-005 Collected: 05/21/23 07:00
Matrix: Soil

485650-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.2		mg/Kg	0.98	0.98	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.8		mg/Kg	0.97	0.97	314698	05/24/23	05/25/23	JCP

Analysis Results for 485650

Sample ID: B1-0.5FT,B2-0.5FT,B3-0.5FT COMPOSITE	Lab ID: 485650-007 Matrix: Soil	Collected: 05/21/23
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485650-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	92%		%REC	23-120	1	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	115%		%REC	24-120	1	314891	05/26/23	05/29/23	MES

Sample ID: B4-0.5FT	Lab ID: 485650-008 Matrix: Soil	Collected: 05/21/23 14:50
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485650-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	26		mg/Kg	0.95	0.95	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	13		mg/Kg	1.0	1	314698	05/24/23	05/25/23	JCP

Analysis Results for 485650

Sample ID: B4-2.5FT	Lab ID: 485650-009	Collected: 05/21/23 15:00
	Matrix: Soil	

485650-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	4.0		mg/Kg	0.98	0.98	316315	06/16/23	06/16/23	THP

Analysis Results for 485650

Sample ID: B5-0.5FT Lab ID: 485650-010 Collected: 05/21/23 14:30

485650-010 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	ND		mg/L	0.015	TCLP Leachate	1	316340	06/16/23	06/16/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	2.9		mg/Kg	2.9	Soil	0.96	314699	05/24/23	05/25/23	THP
Barium	150		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Beryllium	0.52		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Cadmium	3.4		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Chromium	35		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Cobalt	10		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Copper	49		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Lead	190		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Molybdenum	3.4		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Nickel	29		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Selenium	ND		mg/Kg	2.9	Soil	0.96	314699	05/24/23	05/25/23	THP
Silver	ND		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Thallium	ND		mg/Kg	2.9	Soil	0.96	314699	05/24/23	05/25/23	THP
Vanadium	69		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Zinc	420		mg/Kg	4.8	Soil	0.96	314699	05/24/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	0.50		mg/L	0.15	WET Leachate	10	315984	06/14/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	13		mg/Kg	0.96	Soil	0.96	314698	05/24/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.96	Soil	0.96	314698	05/24/23	05/25/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A										
Hexavalent Chromium	ND		mg/Kg	0.40	Soil	1	315126	06/01/23 09:51	06/01/23 16:43	AJL
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.21		mg/Kg	0.15	Soil	1.1	314708	05/24/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546										
Aroclor-1016	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1221	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1232	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1242	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1248	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1254	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES

Analysis Results for 485650

485650-010 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1260	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1262	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1268	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES

Surrogates			Limits							
Decachlorobiphenyl (PCB)	108%	%REC	19-121	Soil	1	314891	05/26/23	05/29/23	MES	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Fluorene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Anthracene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Pyrene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Chrysene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	40	Soil	4	314640	05/24/23	05/25/23	TJW

Surrogates			Limits							
Nitrobenzene-d5	63%	%REC	27-125	Soil	4	314640	05/24/23	05/25/23	TJW	
2-Fluorobiphenyl	68%	%REC	30-120	Soil	4	314640	05/24/23	05/25/23	TJW	
Terphenyl-d14	93%	%REC	33-155	Soil	4	314640	05/24/23	05/25/23	TJW	

Sample ID: B5-2.5FT

Lab ID: 485650-011

Collected: 05/21/23 14:35

Matrix: Soil

485650-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	27		mg/Kg	0.95	0.95	315966	06/13/23	06/13/23	SBW	
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	8.8		mg/Kg	0.95	0.95	315965	06/13/23	06/14/23	JCP	

Analysis Results for 485650

Sample ID: B4-0.5FT, B5-0.5FT COMPOSITE	Lab ID: 485650-012 Matrix: Soil	Collected: 05/21/23
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485650-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDT	17		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	390		ug/Kg	50	1	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	85%		%REC	23-120	1	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	115%		%REC	24-120	1	314891	05/26/23	05/29/23	MES

Sample ID: B6-0.5FT	Lab ID: 485650-013 Matrix: Soil	Collected: 05/21/23 09:50
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485650-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	34		mg/Kg	0.98	0.98	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.2		mg/Kg	0.98	0.98	314698	05/24/23	05/25/23	JCP

Analysis Results for 485650

Sample ID: B7-0.5FT	Lab ID: 485650-015	Collected: 05/21/23 09:40
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485650-015 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	73		mg/Kg	0.95	Soil	0.95	314699	05/24/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	1.6		mg/L	0.15	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	6.4		mg/Kg	0.98	Soil	0.98	314698	05/24/23	05/25/23	JCP

Sample ID: B6-0.5FT,B7-0.5FT COMPOSITE	Lab ID: 485650-017	Collected: 05/21/23
Matrix: Soil		

485650-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
4,4'-DDE	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
4,4'-DDT	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES	
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES	
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES	
Chlordane (Technical)	69		ug/Kg	50	1	314891	05/26/23	05/29/23	MES	
Surrogates				Limits						
TCMX	92%		%REC	23-120	1	314891	05/26/23	05/29/23	MES	
Decachlorobiphenyl	112%		%REC	24-120	1	314891	05/26/23	05/29/23	MES	

Analysis Results for 485650

Sample ID: B8-0.5FT	Lab ID: 485650-018	Collected: 05/21/23 09:30
	Matrix: Soil	

485650-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	12		mg/Kg	0.99	0.99	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	7.2		mg/Kg	0.97	0.97	314698	05/24/23	05/25/23	JCP

Sample ID: B9-0.5FT	Lab ID: 485650-020	Collected: 05/21/23 09:20
	Matrix: Soil	

485650-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	10		mg/Kg	0.99	0.99	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	6.1		mg/Kg	0.95	0.95	314698	05/24/23	05/25/23	JCP

Analysis Results for 485650

Sample ID: B8-0.5FT,B9-0.5FT COMPOSITE	Lab ID: 485650-022 Matrix: Soil	Collected: 05/21/23
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485650-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDT	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	ND		ug/Kg	50	1	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	92%		%REC	23-120	1	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	113%		%REC	24-120	1	314891	05/26/23	05/29/23	MES

Sample ID: B10-0.5FT	Lab ID: 485650-023 Matrix: Soil	Collected: 05/21/23 09:10
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485650-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	23		mg/Kg	1.0	1	314699	05/24/23	05/25/23	THP
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	24		mg/Kg	0.96	0.96	314698	05/24/23	05/25/23	JCP

Analysis Results for 485650

Sample ID: B10-2.5FT	Lab ID: 485650-024	Collected: 05/21/23 09:15
	Matrix: Soil	

485650-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	2.0		mg/Kg	0.97	0.97	316315	06/16/23	06/16/23	THP

Analysis Results for 485650

Sample ID: B11-0.5FT Lab ID: 485650-025 Collected: 05/21/23 08:55

485650-025 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3010A										
Lead	0.091		mg/L	0.015	TCLP Leachate	1	316340	06/16/23	06/17/23	SBW
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	Soil	0.96	314699	05/24/23	05/25/23	THP
Barium	130		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Beryllium	0.51		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Cadmium	ND		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Chromium	19		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Cobalt	8.5		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Copper	23		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Lead	170		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Molybdenum	ND		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Nickel	15		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Selenium	ND		mg/Kg	2.9	Soil	0.96	314699	05/24/23	05/25/23	THP
Silver	ND		mg/Kg	0.48	Soil	0.96	314699	05/24/23	05/25/23	THP
Thallium	ND		mg/Kg	2.9	Soil	0.96	314699	05/24/23	05/25/23	THP
Vanadium	50		mg/Kg	0.96	Soil	0.96	314699	05/24/23	05/25/23	THP
Zinc	170		mg/Kg	4.8	Soil	0.96	314699	05/24/23	05/25/23	THP
Method: EPA 6010B Prep Method: METHOD										
Lead	1.9		mg/L	0.15	WET Leachate	10	315984	06/14/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	12		mg/Kg	0.98	Soil	0.98	314698	05/24/23	05/25/23	JCP
Thallium	ND		mg/Kg	0.98	Soil	0.98	314698	05/24/23	05/25/23	JCP
Method: EPA 7199 Prep Method: EPA 3060A										
Hexavalent Chromium	ND		mg/Kg	0.40	Soil	0.99	315126	06/01/23 09:51	06/01/23 16:54	AJL
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	Soil	1.2	314708	05/24/23	05/25/23	KAM
Method: EPA 8082 Prep Method: EPA 3546										
Aroclor-1016	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1221	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1232	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1242	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1248	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1254	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES

Analysis Results for 485650

485650-025 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Aroclor-1260	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1262	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES
Aroclor-1268	ND		ug/Kg	50	Soil	1	314891	05/26/23	05/29/23	MES

Surrogates			Limits							
Decachlorobiphenyl (PCB)	113%	%REC	19-121	Soil	1	314891	05/26/23	05/29/23	MES	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
2-Methylnaphthalene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Fluorene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Anthracene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Fluoranthene	13		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Pyrene	17		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Chrysene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	10	Soil	1	314640	05/24/23	05/25/23	TJW

Surrogates			Limits							
Nitrobenzene-d5	81%	%REC	27-125	Soil	1	314640	05/24/23	05/25/23	TJW	
2-Fluorobiphenyl	74%	%REC	30-120	Soil	1	314640	05/24/23	05/25/23	TJW	
Terphenyl-d14	88%	%REC	33-155	Soil	1	314640	05/24/23	05/25/23	TJW	

Sample ID: B11-2.5FT

Lab ID: 485650-026

Collected: 05/21/23 09:00

Matrix: Soil

485650-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist	
Method: EPA 6010B Prep Method: EPA 3050B										
Lead	6.3		mg/Kg	0.97	0.97	315966	06/13/23	06/13/23	SBW	
Method: EPA 6020 Prep Method: EPA 3050B										
Arsenic	2.3		mg/Kg	0.97	0.97	315965	06/13/23	06/14/23	JCP	

Analysis Results for 485650

Sample ID: B10-0.5FT,B11-0.5FT COMPOSITE	Lab ID: 485650-027 Matrix: Soil	Collected: 05/21/23
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485650-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A									
Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
4,4'-DDE	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
4,4'-DDT	4.9	C	ug/Kg	4.9	0.98	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	9.8	0.98	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	98	0.98	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	93		ug/Kg	49	0.98	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	91%		%REC	23-120	0.98	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	133%	*	%REC	24-120	0.98	314891	05/26/23	05/29/23	MES

Sample ID: B12-0.5FT	Lab ID: 485650-028	Collected: 05/21/23 08:45
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485650-028 Analyte	Result	Qual	Units	RL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B										
Prep Method: EPA 3050B										
Lead	61		mg/Kg	1.0	Soil	1	314699	05/24/23	05/25/23	THP
Method: EPA 6010B										
Prep Method: METHOD										
Arsenic	0.58		mg/L	0.30	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Lead	0.43		mg/L	0.15	WET Leachate	10	316295	06/16/23	06/16/23	SBW
Method: EPA 6020										
Prep Method: EPA 3050B										
Arsenic	50		mg/Kg	0.98	Soil	0.98	314698	05/24/23	05/25/23	JCP

Analysis Results for 485650

Sample ID: B12-2.5FT	Lab ID: 485650-029	Collected: 05/21/23 08:50
	Matrix: Soil	

485650-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	6.6		mg/Kg	0.95	0.95	315966	06/13/23	06/13/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.9		mg/Kg	0.95	0.95	315965	06/13/23	06/14/23	JCP

Sample ID: B13-0.5FT	Lab ID: 485650-030	Collected: 05/21/23 08:30
	Matrix: Soil	

485650-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	10		mg/Kg	0.97	0.97	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	12		mg/Kg	0.98	0.98	314698	05/24/23	05/25/23	JCP

Sample ID: B13-2.5FT	Lab ID: 485650-031	Collected: 05/21/23 08:35
	Matrix: Soil	

485650-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.4		mg/Kg	0.98	0.98	315965	06/13/23	06/14/23	JCP

Analysis Results for 485650

Sample ID: B12-0.5FT,B13-0.5FT COMPOSITE	Lab ID: 485650-032 Matrix: Soil	Collected: 05/21/23
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485650-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
beta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
gamma-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
delta-BHC	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Aldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan I	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Dieldrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDE	110		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan II	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endosulfan sulfate	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDD	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin aldehyde	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Endrin ketone	ND		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
4,4'-DDT	67		ug/Kg	5.0	1	314891	05/26/23	05/29/23	MES
Methoxychlor	ND		ug/Kg	10	1	314891	05/26/23	05/29/23	MES
Toxaphene	ND		ug/Kg	100	1	314891	05/26/23	05/29/23	MES
Chlordane (Technical)	97		ug/Kg	50	1	314891	05/26/23	05/29/23	MES
Surrogates	Limits								
TCMX	89%		%REC	23-120	1	314891	05/26/23	05/29/23	MES
Decachlorobiphenyl	101%		%REC	24-120	1	314891	05/26/23	05/29/23	MES

Sample ID: B13D-0.5FT	Lab ID: 485650-033 Matrix: Soil	Collected: 05/21/23 08:30
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485650-033 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	13		mg/Kg	0.98	0.98	314705	05/24/23	05/25/23	KLN
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	7.7		mg/Kg	0.97	0.97	314698	05/24/23	05/25/23	JCP

* Value is outside QC limits
 C Presence confirmed, but RPD between columns exceeds 40%
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1073798	Batch: 316340
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073798 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.015	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073799	Batch: 316340
Matrix: TCLP Leachate	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073799 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	1.877	2.000	mg/L	94%		80-120

Type: Matrix Spike	Lab ID: QC1073800	Batch: 316340
Matrix (Source ID): TCLP Leachate (485626-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073800 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	1.905	ND	2.000	mg/L	95%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1073801	Batch: 316340
Matrix (Source ID): TCLP Leachate (485626-001)	Method: EPA 6010B	Prep Method: EPA 3010A

QC1073801 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	1.893	ND	2.000	mg/L	95%		75-125	1	20	1

Type: Blank	Lab ID: QC1072687	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072687 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.15	06/14/23	06/14/23

Type: Lab Control Sample	Lab ID: QC1072688	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072688 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	3.993	4.000	mg/L	100%		80-120

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1072689	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1072689 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Lead	4.151	4.000	mg/L	104%		80-120	4	20

Type: Blank	Lab ID: QC1073120	Batch: 315984
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073120 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/L	0.15	06/14/23	06/14/23

Type: Blank	Lab ID: QC1073641	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073641 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/L	0.30	06/16/23	06/16/23
Lead	ND		mg/L	0.15	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073642	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073642 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	4.432	4.000	mg/L	111%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1073643	Batch: 316295
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1073643 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Lead	4.351	4.000	mg/L	109%		80-120	2	20

Batch QC

Type: Blank	Lab ID: QC1068277	Batch: 314699
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068277 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	2.5	05/24/23	05/25/23
Barium	ND		mg/Kg	0.83	05/24/23	05/25/23
Beryllium	ND		mg/Kg	0.42	05/24/23	05/25/23
Cadmium	ND		mg/Kg	0.42	05/24/23	05/25/23
Chromium	ND		mg/Kg	0.83	05/24/23	05/25/23
Cobalt	ND		mg/Kg	0.42	05/24/23	05/25/23
Copper	ND		mg/Kg	0.83	05/24/23	05/25/23
Lead	ND		mg/Kg	0.83	05/24/23	05/25/23
Molybdenum	ND		mg/Kg	0.83	05/24/23	05/25/23
Nickel	0.90		mg/Kg	0.83	05/24/23	05/25/23
Selenium	ND		mg/Kg	2.5	05/24/23	05/25/23
Silver	ND		mg/Kg	0.42	05/24/23	05/25/23
Thallium	ND		mg/Kg	2.5	05/24/23	05/25/23
Vanadium	ND		mg/Kg	0.83	05/24/23	05/25/23
Zinc	ND		mg/Kg	4.2	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068278	Batch: 314699
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068278 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	83.39	83.33	mg/Kg	100%		80-120
Barium	88.28	83.33	mg/Kg	106%		80-120
Beryllium	88.35	83.33	mg/Kg	106%		80-120
Cadmium	79.46	83.33	mg/Kg	95%		80-120
Chromium	89.26	83.33	mg/Kg	107%		80-120
Cobalt	91.17	83.33	mg/Kg	109%		80-120
Copper	85.23	83.33	mg/Kg	102%		80-120
Lead	87.70	83.33	mg/Kg	105%		80-120
Molybdenum	88.77	83.33	mg/Kg	107%		80-120
Nickel	90.46	83.33	mg/Kg	109%		80-120
Selenium	75.33	83.33	mg/Kg	90%		80-120
Silver	39.51	41.67	mg/Kg	95%		80-120
Thallium	73.58	83.33	mg/Kg	88%		80-120
Vanadium	90.02	83.33	mg/Kg	108%		80-120
Zinc	87.85	83.33	mg/Kg	105%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068279	Batch: 314699
Matrix (Source ID): Soil (485650-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	47.03	1.701	97.09	mg/Kg	47%	*	75-125	0.97
Barium	321.6	234.9	97.09	mg/Kg	89%		75-125	0.97
Beryllium	99.87	0.4446	97.09	mg/Kg	102%		75-125	0.97
Cadmium	96.20	1.083	97.09	mg/Kg	98%		75-125	0.97
Chromium	128.1	26.24	97.09	mg/Kg	105%		75-125	0.97
Cobalt	119.2	10.84	97.09	mg/Kg	112%		75-125	0.97
Copper	119.0	16.85	97.09	mg/Kg	105%		75-125	0.97
Lead	136.1	48.98	97.09	mg/Kg	90%		75-125	0.97
Molybdenum	100.5	3.560	97.09	mg/Kg	100%		75-125	0.97
Nickel	118.3	23.98	97.09	mg/Kg	97%		75-125	0.97
Selenium	86.55	ND	97.09	mg/Kg	89%		75-125	0.97
Silver	46.11	ND	48.54	mg/Kg	95%		75-125	0.97
Thallium	79.88	0.9162	97.09	mg/Kg	81%		75-125	0.97
Vanadium	170.8	63.59	97.09	mg/Kg	110%		75-125	0.97
Zinc	199.7	93.32	97.09	mg/Kg	110%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068280	Batch: 314699
Matrix (Source ID): Soil (485650-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068280 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	39.89	1.701	95.24	mg/Kg	40%	*	75-125	15	41	0.95
Barium	307.9	234.9	95.24	mg/Kg	77%		75-125	4	20	0.95
Beryllium	97.93	0.4446	95.24	mg/Kg	102%		75-125	0	20	0.95
Cadmium	96.06	1.083	95.24	mg/Kg	100%		75-125	2	20	0.95
Chromium	130.6	26.24	95.24	mg/Kg	110%		75-125	3	20	0.95
Cobalt	110.6	10.84	95.24	mg/Kg	105%		75-125	6	20	0.95
Copper	120.0	16.85	95.24	mg/Kg	108%		75-125	2	20	0.95
Lead	175.0	48.98	95.24	mg/Kg	132%	*	75-125	26*	20	0.95
Molybdenum	98.86	3.560	95.24	mg/Kg	100%		75-125	0	20	0.95
Nickel	121.9	23.98	95.24	mg/Kg	103%		75-125	5	20	0.95
Selenium	85.73	ND	95.24	mg/Kg	90%		75-125	1	20	0.95
Silver	45.97	ND	47.62	mg/Kg	97%		75-125	2	20	0.95
Thallium	81.50	0.9162	95.24	mg/Kg	85%		75-125	4	20	0.95
Vanadium	178.6	63.59	95.24	mg/Kg	121%		75-125	6	20	0.95
Zinc	204.6	93.32	95.24	mg/Kg	117%		75-125	3	20	0.95

Batch QC

Type: Post Digest Spike	Lab ID: QC1068281	Batch: 314699
Matrix (Source ID): Soil (485650-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068281 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	102.8	1.701	96.15	mg/Kg	105%		75-125	0.96
Barium	313.5	234.9	96.15	mg/Kg	82%		75-125	0.96
Beryllium	102.5	0.4446	96.15	mg/Kg	106%		75-125	0.96
Cadmium	99.81	1.083	96.15	mg/Kg	103%		75-125	0.96
Chromium	127.0	26.24	96.15	mg/Kg	105%		75-125	0.96
Cobalt	115.0	10.84	96.15	mg/Kg	108%		75-125	0.96
Copper	119.7	16.85	96.15	mg/Kg	107%		75-125	0.96
Lead	146.7	48.98	96.15	mg/Kg	102%		75-125	0.96
Molybdenum	110.2	3.560	96.15	mg/Kg	111%		75-125	0.96
Nickel	123.8	23.98	96.15	mg/Kg	104%		75-125	0.96
Selenium	92.22	ND	96.15	mg/Kg	96%		75-125	0.96
Silver	48.09	ND	48.08	mg/Kg	100%		75-125	0.96
Thallium	86.27	0.9162	96.15	mg/Kg	89%		75-125	0.96
Vanadium	162.3	63.59	96.15	mg/Kg	103%		75-125	0.96
Zinc	187.5	93.32	96.15	mg/Kg	98%		75-125	0.96

Type: Blank	Lab ID: QC1068300	Batch: 314705
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068300 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068301	Batch: 314705
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068301 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	107.9	100.0	mg/Kg	108%		80-120

Type: Post Digest Spike	Lab ID: QC1068302	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068302 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	113.1	13.49	98.04	mg/Kg	102%		75-125	0.98

Batch QC

Type: Matrix Spike	Lab ID: QC1068303	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068303 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	110.9	13.49	97.09	mg/Kg	100%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068304	Batch: 314705
Matrix (Source ID): Soil (485579-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068304 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	107.5	13.49	97.09	mg/Kg	97%		75-125	3	20	0.97

Type: Blank	Lab ID: QC1072611	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072611 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	06/13/23	06/13/23

Type: Lab Control Sample	Lab ID: QC1072612	Batch: 315966
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072612 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	105.7	100.0	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1072613	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072613 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	105.7	5.867	95.24	mg/Kg	105%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1072614	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Lead	105.2	5.867	96.15	mg/Kg	103%		75-125	1	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1072615	Batch: 315966
Matrix (Source ID): Miscell. (486662-003)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	110.4	5.867	98.04	mg/Kg	107%		75-125	0.98

Type: Blank	Lab ID: QC1068269	Batch: 314698
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068269 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/24/23	05/25/23
Thallium	ND		mg/Kg	1.0	05/24/23	05/25/23

Type: Lab Control Sample	Lab ID: QC1068270	Batch: 314698
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068270 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	104.8	100.0	mg/Kg	105%		80-120
Thallium	98.07	100.0	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1068271	Batch: 314698
Matrix (Source ID): Soil (485650-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068271 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	108.1	4.381	100.0	mg/Kg	104%		75-125	1
Thallium	100.0	ND	100.0	mg/Kg	100%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1068272	Batch: 314698
Matrix (Source ID): Soil (485650-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068272 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Arsenic	104.8	4.381	96.15	mg/Kg	104%		75-125	1	20	0.96
Thallium	93.62	ND	96.15	mg/Kg	97%		75-125	3	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1068273	Batch: 314698
Matrix (Source ID): Soil (485650-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068273 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	112.1	4.381	95.24	mg/Kg	113%		75-125	0.95
Thallium	104.6	ND	95.24	mg/Kg	110%		75-125	0.95

Type: Blank	Lab ID: QC1072607	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072607 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/13/23	06/14/23
Thallium	ND		mg/Kg	1.0	06/13/23	06/13/23

Type: Lab Control Sample	Lab ID: QC1072608	Batch: 315965
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1072608 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	109.3	100.0	mg/Kg	109%		80-120
Thallium	101.1	100.0	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC1072609	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072609 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	107.9	3.436	96.15	mg/Kg	109%		75-125	0.96
Thallium	91.42	ND	96.15	mg/Kg	95%		75-125	0.96

Type: Matrix Spike Duplicate	Lab ID: QC1072610	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072610 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	106.4	3.436	96.15	mg/Kg	107%		75-125	1	20	0.96
Thallium	93.38	ND	96.15	mg/Kg	97%		75-125	2	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1072813	Batch: 315965
Matrix (Source ID): Soil (485650-031)	Method: EPA 6020	Prep Method: EPA 3050B

QC1072813 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	63.04	3.436	49.02	mg/Kg	122%		75-125	0.98
Thallium	57.82	ND	49.02	mg/Kg	118%		75-125	0.98

Type: Blank	Lab ID: QC1073696	Batch: 316315
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1073696 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/16/23	06/16/23

Type: Lab Control Sample	Lab ID: QC1073697	Batch: 316315
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1073697 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	107.6	100.0	mg/Kg	108%		80-120

Type: Matrix Spike	Lab ID: QC1073698	Batch: 316315
Matrix (Source ID): Soil (486980-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1073698 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	107.0	3.932	100.0	mg/Kg	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1073699	Batch: 316315
Matrix (Source ID): Soil (486980-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1073699 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	108.1	3.932	100.0	mg/Kg	104%		75-125	1	20	1

Type: Post Digest Spike	Lab ID: QC1073831	Batch: 316315
Matrix (Source ID): Soil (486980-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1073831 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	62.25	3.932	48.08	mg/Kg	121%		75-125	0.96

Batch QC

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068309	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068309 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/24/23	05/25/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068310	Batch: 314708
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068310 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8328	0.8333	mg/Kg	100%		80-120

Type: Matrix Spike	Lab ID: QC1068311	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068311 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8446	0.04288	0.8475	mg/Kg	95%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1068312	Batch: 314708
Matrix (Source ID): Soil (485579-001)	Method: EPA 7471A	Prep Method: METHOD

QC1068312 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.8576	0.04288	0.8621	mg/Kg	95%		75-125	0	20	1

Batch QC

Type: Blank	Lab ID: QC1068973	Batch: 314891
Matrix: Soil		

QC1068973 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
beta-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
gamma-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
delta-BHC	ND		ug/Kg	5.0	05/26/23	05/29/23
Heptachlor	ND		ug/Kg	5.0	05/26/23	05/29/23
Aldrin	ND		ug/Kg	5.0	05/26/23	05/29/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/26/23	05/29/23
Endosulfan I	ND		ug/Kg	5.0	05/26/23	05/29/23
Dieldrin	ND		ug/Kg	5.0	05/26/23	05/29/23
4,4'-DDE	ND		ug/Kg	5.0	05/26/23	05/29/23
Endrin	ND		ug/Kg	5.0	05/26/23	05/29/23
Endosulfan II	ND		ug/Kg	5.0	05/26/23	05/29/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/26/23	05/29/23
4,4'-DDD	ND		ug/Kg	5.0	05/26/23	05/29/23
Endrin aldehyde	ND		ug/Kg	5.0	05/26/23	05/29/23
Endrin ketone	ND		ug/Kg	5.0	05/26/23	05/29/23
4,4'-DDT	ND		ug/Kg	5.0	05/26/23	05/29/23
Methoxychlor	ND		ug/Kg	9.9	05/26/23	05/29/23
Toxaphene	ND		ug/Kg	99	05/26/23	05/29/23
Chlordane (Technical)	ND		ug/Kg	50	05/26/23	05/29/23
Surrogates				Limits		
TCMX	86%		%REC	23-120	05/26/23	05/29/23
Decachlorobiphenyl	107%		%REC	24-120	05/26/23	05/29/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1221	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1232	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1242	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1248	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1254	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1260	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1262	ND		ug/Kg	50	05/26/23	05/29/23
Aroclor-1268	ND		ug/Kg	50	05/26/23	05/29/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	100%		%REC	19-121	05/26/23	05/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068974	Batch: 314891
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1068974 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	49.31	49.36	ug/Kg	100%		22-129
beta-BHC	49.57	49.36	ug/Kg	100%		28-125
gamma-BHC	47.66	49.36	ug/Kg	97%		22-128
delta-BHC	52.04	49.36	ug/Kg	105%		24-131
Heptachlor	49.53	49.36	ug/Kg	100%		18-124
Aldrin	39.93	49.36	ug/Kg	81%		23-120
Heptachlor epoxide	51.96	49.36	ug/Kg	105%	#	26-120
Endosulfan I	50.41	49.36	ug/Kg	102%		25-126
Dieldrin	58.79	49.36	ug/Kg	119%		23-124
4,4'-DDE	54.38	49.36	ug/Kg	110%		28-121
Endrin	66.99	49.36	ug/Kg	136%	#, *	25-127
Endosulfan II	54.97	49.36	ug/Kg	111%	#	29-121
Endosulfan sulfate	53.35	49.36	ug/Kg	108%		30-121
4,4'-DDD	53.12	49.36	ug/Kg	108%		26-120
Endrin aldehyde	23.53	49.36	ug/Kg	48%		10-120
Endrin ketone	53.12	49.36	ug/Kg	108%	#	28-125
4,4'-DDT	55.52	49.36	ug/Kg	112%		22-125
Methoxychlor	55.01	49.36	ug/Kg	111%		28-130
Surrogates						
TCMX	43.27	49.36	ug/Kg	88%		23-120
Decachlorobiphenyl	46.89	49.36	ug/Kg	95%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1069090	Batch: 314891
Matrix (Source ID): Soil (485638-005)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069090 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	48.80	ND	49.46	ug/Kg	99%		46-120	0.99
beta-BHC	51.74	ND	49.46	ug/Kg	105%		41-120	0.99
gamma-BHC	48.98	ND	49.46	ug/Kg	99%		41-120	0.99
delta-BHC	56.55	ND	49.46	ug/Kg	114%		38-123	0.99
Heptachlor	50.74	ND	49.46	ug/Kg	103%		39-120	0.99
Aldrin	44.49	ND	49.46	ug/Kg	90%		34-120	0.99
Heptachlor epoxide	53.08	ND	49.46	ug/Kg	107%	#	43-120	0.99
Endosulfan I	52.41	ND	49.46	ug/Kg	106%		45-120	0.99
Dieldrin	50.76	ND	49.46	ug/Kg	103%		45-120	0.99
4,4'-DDE	54.81	ND	49.46	ug/Kg	111%		34-120	0.99
Endrin	66.96	ND	49.46	ug/Kg	135%	#, *	40-120	0.99
Endosulfan II	56.48	ND	49.46	ug/Kg	114%	#	41-120	0.99
Endosulfan sulfate	49.98	ND	49.46	ug/Kg	101%		42-120	0.99
4,4'-DDD	57.34	ND	49.46	ug/Kg	116%		41-120	0.99
Endrin aldehyde	42.91	ND	49.46	ug/Kg	87%		30-120	0.99
Endrin ketone	53.76	ND	49.46	ug/Kg	109%	#	45-120	0.99
4,4'-DDT	64.60	ND	49.46	ug/Kg	131%	*	35-127	0.99
Methoxychlor	64.77	ND	49.46	ug/Kg	131%		42-136	0.99
Surrogates								
TCMX	42.48		49.46	ug/Kg	86%		23-120	0.99
Decachlorobiphenyl	50.48		49.46	ug/Kg	102%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1069091	Batch: 314891
Matrix (Source ID): Soil (485638-005)	Method: EPA 8081A	Prep Method: EPA 3546

QC1069091 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	49.99	ND	49.80	ug/Kg	100%		46-120	2	30	1
beta-BHC	54.84	ND	49.80	ug/Kg	110%		41-120	5	30	1
gamma-BHC	50.08	ND	49.80	ug/Kg	101%		41-120	2	30	1
delta-BHC	59.88	ND	49.80	ug/Kg	120%		38-123	5	30	1
Heptachlor	53.42	ND	49.80	ug/Kg	107%		39-120	4	30	1
Aldrin	46.55	ND	49.80	ug/Kg	93%		34-120	4	30	1
Heptachlor epoxide	57.02	ND	49.80	ug/Kg	115%	#	43-120	6	30	1
Endosulfan I	56.78	ND	49.80	ug/Kg	114%		45-120	7	30	1
Dieldrin	55.20	ND	49.80	ug/Kg	111%		45-120	8	30	1
4,4'-DDE	59.46	ND	49.80	ug/Kg	119%		34-120	7	30	1
Endrin	72.84	ND	49.80	ug/Kg	146%	#,*	40-120	8	30	1
Endosulfan II	61.42	ND	49.80	ug/Kg	123%	#,*	41-120	8	30	1
Endosulfan sulfate	55.54	ND	49.80	ug/Kg	112%		42-120	10	30	1
4,4'-DDD	62.66	ND	49.80	ug/Kg	126%	*	41-120	8	30	1
Endrin aldehyde	45.54	ND	49.80	ug/Kg	91%		30-120	5	30	1
Endrin ketone	59.30	ND	49.80	ug/Kg	119%	#	45-120	9	30	1
4,4'-DDT	70.75	ND	49.80	ug/Kg	142%	*	35-127	8	30	1
Methoxychlor	72.98	ND	49.80	ug/Kg	147%	*	42-136	11	30	1
Surrogates										
TCMX	43.41		49.80	ug/Kg	87%		23-120			1
Decachlorobiphenyl	54.02		49.80	ug/Kg	108%		24-120			1

Type: Lab Control Sample	Lab ID: QC1069092	Batch: 314891
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1069092 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	471.7	492.6	ug/Kg	96%		14-150
Aroclor-1260	489.7	492.6	ug/Kg	99%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	46.21	49.26	ug/Kg	94%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1069093	Batch: 314891
Matrix (Source ID): Soil (485678-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1069093 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	557.3	ND	500.0	ug/Kg	111%		42-127	2
Aroclor-1260	546.7	ND	500.0	ug/Kg	109%		38-130	2
Surrogates								
Decachlorobiphenyl (PCB)	52.39		50.00	ug/Kg	105%		19-121	2

Type: Matrix Spike Duplicate	Lab ID: QC1069094	Batch: 314891
Matrix (Source ID): Soil (485678-001)	Method: EPA 8082	Prep Method: EPA 3546

QC1069094 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	435.7	ND	492.6	ug/Kg	88%		42-127	23	30	2
Aroclor-1260	530.4	ND	492.6	ug/Kg	108%		38-130	2	30	2
Surrogates										
Decachlorobiphenyl (PCB)	51.06		49.26	ug/Kg	104%		19-121			2

Batch QC

Type: Blank	Lab ID: QC1068078	Batch: 314640
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068078 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
2-Methylnaphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
Naphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
Acenaphthylene	ND		ug/Kg	9.9	05/24/23	05/24/23
Acenaphthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Fluorene	ND		ug/Kg	9.9	05/24/23	05/24/23
Phenanthrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(a)anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Chrysene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(b)fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(k)fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(a)pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	05/24/23	05/24/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/24/23	05/24/23
2-Fluorobiphenyl	82%		%REC	30-120	05/24/23	05/24/23
Terphenyl-d14	85%		%REC	33-155	05/24/23	05/24/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068079	Batch: 314640
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068079 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	159.7	200.0	ug/Kg	80%		28-130
2-Methylnaphthalene	154.5	200.0	ug/Kg	77%		33-130
Naphthalene	155.7	200.0	ug/Kg	78%		25-130
Acenaphthylene	159.4	200.0	ug/Kg	80%		28-130
Acenaphthene	156.6	200.0	ug/Kg	78%		32-130
Fluorene	154.0	200.0	ug/Kg	77%		35-130
Phenanthrene	150.5	200.0	ug/Kg	75%		35-132
Anthracene	168.0	200.0	ug/Kg	84%		34-136
Fluoranthene	151.8	200.0	ug/Kg	76%		34-139
Pyrene	152.6	200.0	ug/Kg	76%		35-134
Benzo(a)anthracene	141.3	200.0	ug/Kg	71%		30-132
Chrysene	157.3	200.0	ug/Kg	79%		29-130
Benzo(b)fluoranthene	152.9	200.0	ug/Kg	76%		32-137
Benzo(k)fluoranthene	171.5	200.0	ug/Kg	86%		32-130
Benzo(a)pyrene	167.8	200.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	185.8	200.0	ug/Kg	93%		34-132
Dibenz(a,h)anthracene	190.5	200.0	ug/Kg	95%		32-130
Benzo(g,h,i)perylene	194.2	200.0	ug/Kg	97%		27-130
Surrogates						
Nitrobenzene-d5	170.3	200.0	ug/Kg	85%		27-125
2-Fluorobiphenyl	152.7	200.0	ug/Kg	76%		30-120
Terphenyl-d14	151.9	200.0	ug/Kg	76%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068080	Batch: 314640
Matrix (Source ID): Soil (485515-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068080 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	178.1	ND	200.0	ug/Kg	89%		25-130	5
2-Methylnaphthalene	185.6	ND	200.0	ug/Kg	93%		32-133	5
Naphthalene	222.0	ND	200.0	ug/Kg	111%		33-130	5
Acenaphthylene	136.6	ND	200.0	ug/Kg	68%		14-157	5
Acenaphthene	132.0	ND	200.0	ug/Kg	66%		28-134	5
Fluorene	134.2	ND	200.0	ug/Kg	67%		27-140	5
Phenanthrene	152.8	21.83	200.0	ug/Kg	65%		29-147	5
Anthracene	149.8	ND	200.0	ug/Kg	75%		24-156	5
Fluoranthene	177.1	43.27	200.0	ug/Kg	67%		28-160	5
Pyrene	184.4	39.57	200.0	ug/Kg	72%		26-153	5
Benzo(a)anthracene	133.6	15.21	200.0	ug/Kg	59%		26-174	5
Chrysene	158.7	29.81	200.0	ug/Kg	64%		40-139	5
Benzo(b)fluoranthene	142.2	26.49	200.0	ug/Kg	58%		36-164	5
Benzo(k)fluoranthene	146.0	ND	200.0	ug/Kg	73%		36-161	5
Benzo(a)pyrene	148.9	18.65	200.0	ug/Kg	65%		18-173	5
Indeno(1,2,3-cd)pyrene	145.8	15.56	200.0	ug/Kg	65%		26-154	5
Dibenz(a,h)anthracene	133.0	ND	200.0	ug/Kg	66%		38-132	5
Benzo(g,h,i)perylene	154.1	21.14	200.0	ug/Kg	66%		36-130	5
Surrogates								
Nitrobenzene-d5	121.4		200.0	ug/Kg	61%		27-125	5
2-Fluorobiphenyl	121.2		200.0	ug/Kg	61%		30-120	5
Terphenyl-d14	139.4		200.0	ug/Kg	70%		33-155	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068081	Batch: 314640
Matrix (Source ID): Soil (485515-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068081 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	144.6	ND	199.0	ug/Kg	73%		25-130	20	35	5
2-Methylnaphthalene	130.3	ND	199.0	ug/Kg	65%		32-133	35	35	5
Naphthalene	138.2	ND	199.0	ug/Kg	69%		33-130	46*	35	5
Acenaphthylene	141.3	ND	199.0	ug/Kg	71%		14-157	4	35	5
Acenaphthene	135.0	ND	199.0	ug/Kg	68%		28-134	3	35	5
Fluorene	134.7	ND	199.0	ug/Kg	68%		27-140	1	35	5
Phenanthrene	146.1	21.83	199.0	ug/Kg	62%		29-147	4	35	5
Anthracene	150.7	ND	199.0	ug/Kg	76%		24-156	1	35	5
Fluoranthene	174.5	43.27	199.0	ug/Kg	66%		28-160	1	35	5
Pyrene	178.8	39.57	199.0	ug/Kg	70%		26-153	3	35	5
Benzo(a)anthracene	132.8	15.21	199.0	ug/Kg	59%		26-174	0	35	5
Chrysene	153.2	29.81	199.0	ug/Kg	62%		40-139	3	35	5
Benzo(b)fluoranthene	138.3	26.49	199.0	ug/Kg	56%		36-164	2	35	5
Benzo(k)fluoranthene	140.2	ND	199.0	ug/Kg	70%		36-161	4	35	5
Benzo(a)pyrene	143.6	18.65	199.0	ug/Kg	63%		18-173	3	35	5
Indeno(1,2,3-cd)pyrene	143.7	15.56	199.0	ug/Kg	64%		26-154	1	35	5
Dibenz(a,h)anthracene	134.6	ND	199.0	ug/Kg	68%		38-132	2	35	5
Benzo(g,h,i)perylene	147.9	21.14	199.0	ug/Kg	64%		36-130	4	35	5
Surrogates										
Nitrobenzene-d5	132.5		199.0	ug/Kg	67%		27-125			5
2-Fluorobiphenyl	131.5		199.0	ug/Kg	66%		30-120			5
Terphenyl-d14	146.3		199.0	ug/Kg	74%		33-155			5

CCV drift outside limits; average CCV drift within limits per method requirements

* Value is outside QC limits

ND Not Detected

Laboratory Job Number 485650

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical
Fax #:
From: Patricia Weakley
AmeriSci Job #: 923051464
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-485650
Email: incomingreports@enthalpy.com, ranjit.clarke@enthalpy.com

Date: Monday, June 5, 2023
Time: 21:28:58
Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

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Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485650

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	B1-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-001							
02	B2-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-003							
03	B3-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-005							
04	B4-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-008							
05	B5-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-010							
06	B6-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-013							
07	B7-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-015							
08	B8-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-018							
09	B9-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-020							
10	B10-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-023							
11	B11-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-025							
12	B12-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-028							
13	B13-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-030							
14	B13D-0.5FT		----	----	----	----	NVA	NA
	Location: 485650-033							

See Reporting notes on last page

Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485650

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
----------------------	----------------	------------	----------------------------	--------------------------------	--------------------------------	--	-----------------------	--------------------

Analyzed by: Patricia Weakley



Reviewed by: Lateef McIntosh



Date: 6/3/2023

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051464

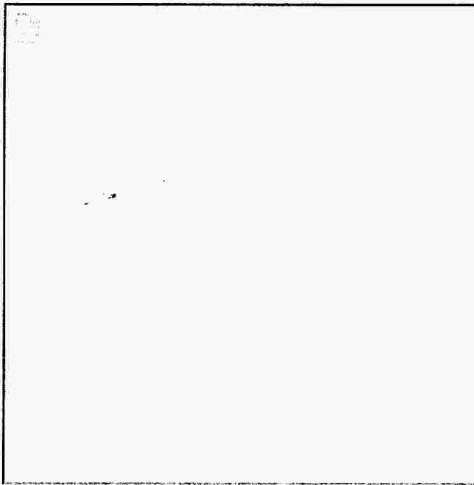
Glenda,

Here are the rest of the POs:

EO-485621 = PO-046571
EO-485622 = PO-046572
EO-485627 = PO-046573
EO-485629 = PO-046582
EO-485638 = PO-046583
EO-485650 = PO-046584
EO-485657 = PO-046585

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.



Subcontract Laboratory:

AmeriSci
24416 S. Main Street
Suite 308
Carson, CA 90745
ATTN: Sample Control
PO #: Required, to be sent via email

Enthalpy Order: EO-485650

PM: Ranjit K Clarke
Email: Ranjit.Clarke@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-9906

023051464

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs:

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B1-0.5FT	21-MAY-2023 06:35	485650-001	1	Soil	Asbestos by PLM	Qualitative P/A
B2-0.5FT	21-MAY-2023 06:45	485650-003	1	Soil	Asbestos by PLM	Qualitative P/A
B3-0.5FT	21-MAY-2023 07:00	485650-005	1	Soil	Asbestos by PLM	Qualitative P/A
B4-0.5FT	21-MAY-2023 14:50	485650-008	1	Soil	Asbestos by PLM	Qualitative P/A
B5-0.5FT	21-MAY-2023 14:30	485650-010	1	Soil	Asbestos by PLM	Qualitative P/A
B6-0.5FT	21-MAY-2023 09:50	485650-013	1	Soil	Asbestos by PLM	Qualitative P/A
B7-0.5FT	21-MAY-2023 09:40	485650-015	1	Soil	Asbestos by PLM	Qualitative P/A
B8-0.5FT	21-MAY-2023 09:30	485650-018	1	Soil	Asbestos by PLM	Qualitative P/A
B9-0.5FT	21-MAY-2023 09:20	485650-020	1	Soil	Asbestos by PLM	Qualitative P/A
B10-0.5FT	21-MAY-2023 09:10	485650-023	1	Soil	Asbestos by PLM	Qualitative P/A
B11-0.5FT	21-MAY-2023 08:55	485650-025	1	Soil	Asbestos by PLM	Qualitative P/A
B12-0.5FT	21-MAY-2023 08:45	485650-028	1	Soil	Asbestos by PLM	Qualitative P/A
B13-0.5FT	21-MAY-2023 08:30	485650-030	1	Soil	Asbestos by PLM	Qualitative P/A
B13D-0.5FT	21-MAY-2023 08:30	485650-033	1	Soil	Asbestos by PLM	Qualitative P/A

Notes:	Relinquished By:	Received By:
	<i>Sam Sanchez</i>	<i>Glenda Lopez Mendez Jr</i>
	Date: <i>5/25/23 12:00</i>	Date: <i>5.25.23e 12:00</i>
	Date:	Date:
	Date:	Date:
	Date:	Date:



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 485657
Report Level: II
Report Date: 06/15/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene	Lab Job #:	485657
CES Group, Inc.	Project No:	IRVING MS
33175 Temecula Pkwy	Location:	3010 Estara Ave., Los Angeles, CA 90065
Ste. A-734	Date Received:	05/23/23
Temecula, CA 92592		

Sample ID	Lab ID	Collected	Matrix
B49-0.5FT	485657-001	05/21/23 10:30	Soil
B49-2.5FT	485657-002	05/21/23 10:40	Soil
B53-0.5FT	485657-003	05/21/23 07:55	Soil
B53-2.5FT	485657-004	05/21/23 08:00	Soil
B53-5.0FT	485657-005	05/21/23 08:30	Soil
B49-0.5FT, B53-0.5FT COMPOSITE	485657-006	05/23/23 00:00	Soil
B50-0.5FT	485657-007	05/21/23 09:50	Soil
B50-2.5FT	485657-008	05/21/23 10:00	Soil
B51-0.5FT	485657-009	05/21/23 10:25	Soil
B51-2.5FT	485657-010	05/21/23 10:40	Soil
B54-0.5FT	485657-011	05/23/23 08:45	Soil
B54-2.5FT	485657-012	05/23/23 08:55	Soil
B54-5.0FT	485657-013	05/23/23 09:05	Soil
B50-0.5FT, B51-0.5FT, B54-0.5FT COMPOSITE	485657-014	05/23/23 00:00	Soil
B52-0.5FT	485657-015	05/23/23 09:55	Soil
B52-2.5FT	485657-016	05/23/23 10:00	Soil
B55-0.5FT	485657-017	05/23/23 09:15	Soil
B55-2.5FT	485657-018	05/23/23 09:25	Soil
B55-5.0FT	485657-019	05/23/23 09:40	Soil
B52-0.5FT, B55-0.5FT COMPOSITE	485657-020	05/23/23 00:00	Soil
B51D-0.5FT	485657-021	05/23/23 10:15	Soil
B51D-2.5FT	485657-022	05/23/23 10:40	Soil

Case Narrative

CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592
Skye Greene

Lab Job Number: 485657
Project No: IRVING MS
Location: 3010 Estara Ave., Los Angeles, CA 90065
Date Received: 05/23/23

- This data package contains sample and QC results for eight soil samples, two two-point soil composites, and one three-point soil composite, requested for the above referenced project on 05/23/23. The samples were received cold and intact.
- REPORT REVISED to add missing Lead from the original report.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High RPD was observed for naphthalene in the MS/MSD for batch 314640; the parent sample was not a project sample, and this analyte was not detected at or above the RL in the associated samples.
- B51-0.5FT (lab # 485657-009) was diluted due to the dark and viscous nature of the sample extract.
- B53-0.5FT (lab # 485657-003) and B51D-0.5FT (lab # 485657-021) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- B49-0.5FT, B53-0.5FT COMPOSITE (lab # 485657-006), B50-0.5FT, B51-0.5FT, B54-0.5FT COMPOSITE (lab # 485657-014), and B52-0.5FT, B55-0.5FT COMPOSITE (lab # 485657-020) were diluted due to the color of the sample extracts.
- No other analytical problems were encountered.

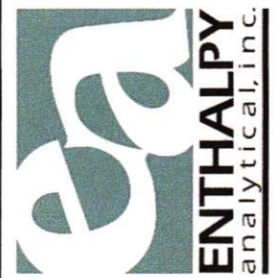
Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- Low recoveries were observed for lead and antimony in the MS/MSD for batch 314638; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits. High recoveries were observed for barium and copper; the LCS was within limits, and the associated RPDs were within limits.
- Low recoveries were observed for antimony in the MS/MSD of B49-0.5FT (lab # 485657-001); the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- No other analytical problems were encountered.

Asbestos by PLM (EPA 600/R-93-116):

AmeriSci in Carson, CA performed the analysis (see sublab report section for certifications). Please see the AmeriSci case narrative.

ENTHALPY ANALYTICAL, INC.
 806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933
 Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record
 Lab No: 485405X
 Page: 1 of 3
 Standard: 4 Day: 3 Day:
 2 Day: 1 Day: Same Day:
 Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)
 Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION
 Company: CES Group
 Report To: Skye Green
 Email: sgreen@cesgroup.co
 Address: 33175 Temecula Pkwy, Suite A-734
 Temecula, CA 92592
 Phone: 714-398-6363
 Fax: 951-848-9812

PROJECT INFORMATION
 Name: Irving MS
 Quote No. CES030223A
 P.O. #: 34423
 Address: 3010 Estara Ave
 Los Angeles, CA 90065
 Global ID:
 Sampled By: D. Baysa

Analysis Request
 Arsenic (6020)
 Lead (6010B)
 PLM - Asbestos (Presence/Absence)
 Organochlorine Pesticides (8081A)
 PCBs (8082)
 Title 22 Metals (6010B/7471A)
 Hex Chrom 7199
 PAHs (Low Level) 8270 SIM
 Test Instructions / Comments
 Analyze 0.5' samples. Hold deeper samples.
20/112

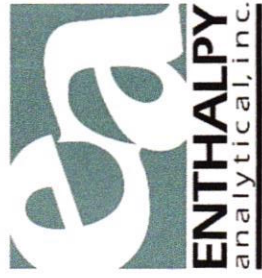
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B49 - 0.5ft	05/21/23	10:30 AM	S	1/8oz, 1/2oz	
2 B49 - 2.5ft	05/21/23	10:40 AM	S	1/8oz	
3 B53 - 0.5ft	05/21/23	7:55 AM	S	1/8oz, 1/2oz	
4 B53 - 2.5ft	05/21/23	8:00 AM	S	1/8oz	
5 B53 - 5.0ft	05/21/23	8:30 AM	S	1/8oz	
6 B49 - 0.5ft, B53 - 0.5ft Composite	05/21/23		S		
7 B50 - 0.5ft	05/21/23	9:50 AM	S	1/8oz, 1/2oz	
8 B50 - 2.5ft	05/21/23	10:00 AM	S	1/8oz	
9 B51 - 0.5ft	05/21/23	10:25 AM	S	1/8oz, 1/2oz	
10 B51 - 2.5ft	05/21/23	10:40 AM	S	1/8oz	

CUSTOMER INFORMATION
 Signature: [Signature]
 Print Name: Danny Baysa
 Company / Title: CES Group / Field Supervisor
 Date / Time: 5/23/23 11:58
5-23-23 1155

ENTHALPHY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714)771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: _____ Standard: 4 Day: _____
 Page: 2 of 3 2 Day: _____ 1 Day: _____ Same Day: _____

Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Turn Around Time (Rush by advanced notice only)

Standard: 4 Day: _____
 2 Day: _____ 1 Day: _____ Same Day: _____

CUSTOMER INFORMATION

Company: CES Group
 Report To: Skye Green
 Email: sgreen@cesgroup.co
 Address: 33175 Temecula Pkwy, Suite A-734
 Temecula, CA 92592
 Phone: 714-398-6363
 Fax: 951-848-9812

PROJECT INFORMATION

Name: Irving MS
 Number: CES030223A
 P.O. #: 34423
 Address: 3010 Estara Ave
 Los Angeles, CA 90065
 Global ID:
 Sampled By: D. Baysa

Analysis Request

Lead (6010B)
 Arsenic (6020)
 PLM - Asbestos (Presence/Absence)
 Organochlorine Pesticides (8081A)
 PCBs (8082)
 Title 22 Metals (6010B/7471A)
 Hex Chrom 7199
 PAHs (Low Level) 8270 SIM
 Hold

Test Instructions / Comments

Analyze 0.5' samples. Hold deeper samples.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B54 - 0.5ft	05/21/23	8:45 AM	S	1/8oz	1/2oz
2 B54 - 2.5ft	05/21/23	8:55 AM	S	1/8oz	
3 B54 - 5.0ft	05/21/23	9:05 AM	S	1/8oz	
4 B50-0.5ft, B51-0.5ft, B54-0.5ft Composite	05/21/23		S		
5 B52 - 0.5ft	05/21/23	9:55 AM	S	1/8oz, 1/2oz	
6 B52 - 2.5ft	05/21/23	10:00 AM	S	1/8oz	
7 B55 - 0.5ft	05/21/23	9:15 AM	S	1/8oz	1/2oz
8 B55 - 2.5ft	05/21/23	9:25 AM	S	1/8oz	
9 B55 - 5.0ft	05/21/23	9:40 AM	S	1/8oz	
10 B52 - 0.5ft, B55 - 0.5ft Composite	05/21/23		S		

Signature	Print Name	Company / Title	Date / Time
	Danny Baysa	CES Group/ Field Supervisor	5/23/23 11:15
	NICK B		5-23-23 1:55

ENTHALPY ANALYTICAL, INC.

806 N. Batavia St., Orange, CA 92868
 Phone: (714) 771-6900 Fax: (714) 771-9933

Billing: Enthalpy - SoCal
 c/o Montrose Environmental Group
 1 Park Plaza, Suite 1000, Irvine, CA 92614



Chain of Custody Record

Lab No: _____ Standard: 4 Day: _____
 Page: 3 of 3 2 Day: _____ 1 Day: _____
Matrix: A = Air DW = Drinking Water
 FL = Food Liquid FS = Food Solid L = Liquid
 PP = Pure Product S = Solid SeaW = Sea Water
 SW = Swab W = Water WP = Wipe O = Other

Turn Around Time (Rush by advanced notice only)

3 Day: _____
 Same Day: _____

Preservatives: 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Number: CES030223A
 Email: sgreen@cesgroup.co P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-734 Address: 3010 Estara Ave
 Temecula, CA 92592 Los Angeles, CA 90065
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: D. Baysa

PROJECT INFORMATION

Analysis Request
 Lead (6010B)
 Arsenic (6020)
 PLM - Asbestos (Presence/Absence)
 Organochlorine Pesticides (8081A)
 PCBs (8082)
 Title 22 Metals (6010B/7471A)
 Hex Chrom 7199
 PAHs (Low Level) 8270 SIM
 Hold

Test Instructions / Comments

Analyze 0.5' samples. Hold deeper samples.

Sample ID

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B51D - 0.5ft	05/20/23	10:15 AM	S	1/8oz, 1/2oz	
2 B51D - 2.5ft	05/20/23	10:40 AM	S	1/8oz	
3					
4					
5					
6					
7					
8					
9					
10					

Signature

[Signature]

Print Name

Danny Baysa

Company / Title

CES Group/ Field Supervisor

Date / Time

5/23/23 11:51
 F-23-23 1153

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: CES Project: Irving MS
 Date Received: 5/23/23 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 3.5 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 1.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	<input checked="" type="checkbox"/>		
Are sample IDs present?	<input checked="" type="checkbox"/>		
Are sampling dates & times present?	<input checked="" type="checkbox"/>		
Is a relinquished signature present?	<input checked="" type="checkbox"/>		
Are the tests required clearly indicated on the COC?	<input checked="" type="checkbox"/>		
Are custody seals present?		<input checked="" type="checkbox"/>	
If custody seals are present, were they intact?			<input checked="" type="checkbox"/>
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			<input checked="" type="checkbox"/>
Did all samples arrive intact? If no, indicate in Section 4 below.	<input checked="" type="checkbox"/>		
Did all bottle labels agree with COC? (ID, dates and times)	<input checked="" type="checkbox"/>		
Were the samples collected in the correct containers for the required tests?	<input checked="" type="checkbox"/>		
Are the containers labeled with the correct preservatives?			<input checked="" type="checkbox"/>
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			<input checked="" type="checkbox"/>
Was a sufficient amount of sample submitted for the requested tests?	<input checked="" type="checkbox"/>		

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): _____ / _____
 Project Manager's response:

Completed By: Date: 5/23/23

Analysis Results for 485657

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 485657
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles, CA 90065
 Date Received: 05/23/23

Sample ID: B49-0.5FT	Lab ID: 485657-001	Collected: 05/21/23 10:30
	Matrix: Soil	

485657-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	14		mg/Kg	0.96	0.96	316030	06/13/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.4		mg/Kg	0.96	0.96	314642	05/24/23	05/24/23	JCP

Analysis Results for 485657

Sample ID: B53-0.5FT	Lab ID: 485657-003	Collected: 05/21/23 07:55
Matrix: Soil		

485657-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.98	314638	05/24/23	05/24/23	KLN
Barium	150		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Beryllium	0.81		mg/Kg	0.49	0.98	314638	05/24/23	05/24/23	KLN
Cadmium	ND		mg/Kg	0.49	0.98	314638	05/24/23	05/24/23	KLN
Chromium	23		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Cobalt	11		mg/Kg	0.49	0.98	314638	05/24/23	05/24/23	KLN
Copper	18		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Lead	15		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Molybdenum	1.6		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Nickel	16		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Selenium	ND		mg/Kg	2.9	0.98	314638	05/24/23	05/24/23	KLN
Silver	ND		mg/Kg	0.49	0.98	314638	05/24/23	05/24/23	KLN
Thallium	ND		mg/Kg	2.9	0.98	314638	05/24/23	05/24/23	KLN
Vanadium	65		mg/Kg	0.98	0.98	314638	05/24/23	05/24/23	KLN
Zinc	77		mg/Kg	4.9	0.98	314638	05/24/23	05/24/23	KLN
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	3.8		mg/Kg	0.99	0.99	314642	05/24/23	05/25/23	JCP
Method: EPA 7199									
Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	315126	06/01/23 09:51	06/01/23 17:36	AJL
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	314644	05/24/23	05/24/23	KAM
Method: EPA 8082									
Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1221	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1232	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1242	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1248	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1254	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1260	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1262	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Aroclor-1268	ND		ug/Kg	49	0.98	314646	05/24/23	05/24/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	83%		%REC	19-121	0.98	314646	05/24/23	05/24/23	MES
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW

Analysis Results for 485657

485657-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Fluorene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Anthracene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Pyrene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Chrysene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	100	10	314640	05/24/23	05/25/23	TJW
Surrogates	Limits								
Nitrobenzene-d5	82%		%REC	27-125	10	314640	05/24/23	05/25/23	TJW
2-Fluorobiphenyl	84%		%REC	30-120	10	314640	05/24/23	05/25/23	TJW
Terphenyl-d14	99%		%REC	33-155	10	314640	05/24/23	05/25/23	TJW

Analysis Results for 485657

Sample ID: B49-0.5FT, B53-0.5FT COMPOSITE	Lab ID: 485657-006 Matrix: Soil	Collected: 05/23/23
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485657-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
beta-BHC	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
gamma-BHC	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
delta-BHC	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Heptachlor	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Aldrin	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Heptachlor epoxide	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Endosulfan I	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Dieldrin	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
4,4'-DDE	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Endrin	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Endosulfan II	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Endosulfan sulfate	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
4,4'-DDD	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Endrin aldehyde	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Endrin ketone	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
4,4'-DDT	ND		ug/Kg	9.9	2	314646	05/24/23	05/24/23	MES
Methoxychlor	ND		ug/Kg	20	2	314646	05/24/23	05/24/23	MES
Toxaphene	ND		ug/Kg	200	2	314646	05/24/23	05/24/23	MES
Chlordane (Technical)	ND		ug/Kg	99	2	314646	05/24/23	05/24/23	MES
Surrogates	Limits								
TCMX	92%		%REC	23-120	2	314646	05/24/23	05/24/23	MES
Decachlorobiphenyl	92%		%REC	24-120	2	314646	05/24/23	05/24/23	MES

Sample ID: B50-0.5FT	Lab ID: 485657-007 Matrix: Soil	Collected: 05/21/23 09:50
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485657-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	8.0		mg/Kg	0.95	0.95	316030	06/13/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	5.8		mg/Kg	0.99	0.99	314642	05/24/23	05/25/23	JCP

Analysis Results for 485657

Sample ID: B51-0.5FT	Lab ID: 485657-009	Collected: 05/21/23 10:25
Matrix: Soil		

485657-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.96	314638	05/24/23	05/24/23	KLN
Barium	120		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Beryllium	0.72		mg/Kg	0.48	0.96	314638	05/24/23	05/24/23	KLN
Cadmium	ND		mg/Kg	0.48	0.96	314638	05/24/23	05/24/23	KLN
Chromium	24		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Cobalt	9.8		mg/Kg	0.48	0.96	314638	05/24/23	05/24/23	KLN
Copper	15		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Lead	19		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Molybdenum	1.1		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Nickel	16		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Selenium	ND		mg/Kg	2.9	0.96	314638	05/24/23	05/24/23	KLN
Silver	ND		mg/Kg	0.48	0.96	314638	05/24/23	05/24/23	KLN
Thallium	ND		mg/Kg	2.9	0.96	314638	05/24/23	05/24/23	KLN
Vanadium	59		mg/Kg	0.96	0.96	314638	05/24/23	05/24/23	KLN
Zinc	68		mg/Kg	4.8	0.96	314638	05/24/23	05/24/23	KLN
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	3.3		mg/Kg	0.95	0.95	314642	05/24/23	05/25/23	JCP
Method: EPA 7199									
Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.40	1	315126	06/01/23 09:51	06/01/23 17:47	AJL
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.14	1	314644	05/24/23	05/24/23	KAM
Method: EPA 8082									
Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1221	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1232	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1242	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1248	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1254	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1260	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1262	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1268	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	74%		%REC	19-121	0.99	314646	05/24/23	05/24/23	MES
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW

Analysis Results for 485657

485657-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Fluorene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Anthracene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Pyrene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Chrysene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	250	25	314640	05/24/23	05/25/23	TJW
Surrogates	Limits								
Nitrobenzene-d5	87%		%REC	27-125	25	314640	05/24/23	05/25/23	TJW
2-Fluorobiphenyl	98%		%REC	30-120	25	314640	05/24/23	05/25/23	TJW
Terphenyl-d14	112%		%REC	33-155	25	314640	05/24/23	05/25/23	TJW

Sample ID: B54-0.5FT
Lab ID: 485657-011
Collected: 05/23/23 08:45
Matrix: Soil

485657-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	19		mg/Kg	1.0	1	316030	06/13/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.1		mg/Kg	0.98	0.98	314642	05/24/23	05/25/23	JCP

Analysis Results for 485657

Sample ID: B50-0.5FT, B51-0.5FT, B54-0.5FT COMPOSITE	Lab ID: 485657-014 Matrix: Soil	Collected: 05/23/23
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485657-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
beta-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
gamma-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
delta-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Heptachlor	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Aldrin	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Heptachlor epoxide	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endosulfan I	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Dieldrin	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
4,4'-DDE	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endrin	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endosulfan II	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endosulfan sulfate	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
4,4'-DDD	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endrin aldehyde	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endrin ketone	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
4,4'-DDT	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Methoxychlor	ND		ug/Kg	50	5	314646	05/24/23	05/24/23	MES
Toxaphene	ND		ug/Kg	500	5	314646	05/24/23	05/24/23	MES
Chlordane (Technical)	ND		ug/Kg	250	5	314646	05/24/23	05/24/23	MES
Surrogates	Limits								
TCMX	91%		%REC	23-120	5	314646	05/24/23	05/24/23	MES
Decachlorobiphenyl	113%		%REC	24-120	5	314646	05/24/23	05/24/23	MES

Sample ID: B52-0.5FT	Lab ID: 485657-015 Matrix: Soil	Collected: 05/23/23 09:55
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485657-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	5.1		mg/Kg	0.97	0.97	316030	06/13/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	3.3		mg/Kg	0.96	0.96	314642	05/24/23	05/25/23	JCP

Analysis Results for 485657

Sample ID: B55-0.5FT	Lab ID: 485657-017	Collected: 05/23/23 09:15
	Matrix: Soil	

485657-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	5.9		mg/Kg	0.95	0.95	316030	06/13/23	06/14/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.9		mg/Kg	0.96	0.96	314642	05/24/23	05/25/23	JCP

Sample ID: B52-0.5FT, B55-0.5FT COMPOSITE	Lab ID: 485657-020	Collected: 05/23/23
	Matrix: Soil	

485657-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8081A Prep Method: EPA 3546									
alpha-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
beta-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
gamma-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
delta-BHC	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Heptachlor	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Aldrin	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Heptachlor epoxide	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endosulfan I	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Dieldrin	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
4,4'-DDE	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endrin	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endosulfan II	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endosulfan sulfate	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
4,4'-DDD	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endrin aldehyde	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Endrin ketone	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
4,4'-DDT	ND		ug/Kg	25	5	314646	05/24/23	05/24/23	MES
Methoxychlor	ND		ug/Kg	50	5	314646	05/24/23	05/24/23	MES
Toxaphene	ND		ug/Kg	500	5	314646	05/24/23	05/24/23	MES
Chlordane (Technical)	ND		ug/Kg	250	5	314646	05/24/23	05/24/23	MES
Surrogates				Limits					
TCMX	90%		%REC	23-120	5	314646	05/24/23	05/24/23	MES
Decachlorobiphenyl	91%		%REC	24-120	5	314646	05/24/23	05/24/23	MES

Analysis Results for 485657

Sample ID: B51D-0.5FT	Lab ID: 485657-021	Collected: 05/23/23 10:15
Matrix: Soil		

485657-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B									
Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	314638	05/24/23	05/24/23	KLN
Barium	120		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Beryllium	0.90		mg/Kg	0.49	0.97	314638	05/24/23	05/24/23	KLN
Cadmium	ND		mg/Kg	0.49	0.97	314638	05/24/23	05/24/23	KLN
Chromium	23		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Cobalt	9.5		mg/Kg	0.49	0.97	314638	05/24/23	05/24/23	KLN
Copper	16		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Lead	8.8		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Molybdenum	1.3		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Nickel	17		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Selenium	ND		mg/Kg	2.9	0.97	314638	05/24/23	05/24/23	KLN
Silver	ND		mg/Kg	0.49	0.97	314638	05/24/23	05/24/23	KLN
Thallium	ND		mg/Kg	2.9	0.97	314638	05/24/23	05/24/23	KLN
Vanadium	62		mg/Kg	0.97	0.97	314638	05/24/23	05/24/23	KLN
Zinc	62		mg/Kg	4.9	0.97	314638	05/24/23	05/24/23	KLN
Method: EPA 6020									
Prep Method: EPA 3050B									
Arsenic	4.0		mg/Kg	0.97	0.97	314642	05/24/23	05/25/23	JCP
Method: EPA 7199									
Prep Method: EPA 3060A									
Hexavalent Chromium	ND		mg/Kg	0.39	0.98	315126	06/01/23 09:51	06/01/23 17:58	AJL
Method: EPA 7471A									
Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.2	314644	05/24/23	05/24/23	KAM
Method: EPA 8082									
Prep Method: EPA 3546									
Aroclor-1016	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1221	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1232	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1242	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1248	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1254	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1260	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1262	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Aroclor-1268	ND		ug/Kg	49	0.99	314646	05/24/23	05/24/23	MES
Surrogates	Limits								
Decachlorobiphenyl (PCB)	83%		%REC	19-121	0.99	314646	05/24/23	05/24/23	MES
Method: EPA 8270C-SIM									
Prep Method: EPA 3546									
1-Methylnaphthalene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW

Analysis Results for 485657

485657-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Naphthalene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Acenaphthylene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Acenaphthene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Fluorene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Phenanthrene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Anthracene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Fluoranthene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Pyrene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Benzo(a)anthracene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Chrysene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Benzo(b)fluoranthene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Benzo(k)fluoranthene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Benzo(a)pyrene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Dibenz(a,h)anthracene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Benzo(g,h,i)perylene	ND		ug/Kg	40	4	314640	05/24/23	05/25/23	TJW
Surrogates				Limits					
Nitrobenzene-d5	88%		%REC	27-125	4	314640	05/24/23	05/25/23	TJW
2-Fluorobiphenyl	88%		%REC	30-120	4	314640	05/24/23	05/25/23	TJW
Terphenyl-d14	105%		%REC	33-155	4	314640	05/24/23	05/25/23	TJW

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1068074	Batch: 314638
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068074 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	05/24/23	05/24/23
Barium	ND		mg/Kg	1.0	05/24/23	05/24/23
Beryllium	ND		mg/Kg	0.50	05/24/23	05/24/23
Cadmium	ND		mg/Kg	0.50	05/24/23	05/24/23
Chromium	ND		mg/Kg	1.0	05/24/23	05/24/23
Cobalt	ND		mg/Kg	0.50	05/24/23	05/24/23
Copper	ND		mg/Kg	1.0	05/24/23	05/24/23
Lead	ND		mg/Kg	1.0	05/24/23	05/24/23
Molybdenum	ND		mg/Kg	1.0	05/24/23	05/24/23
Nickel	ND		mg/Kg	1.0	05/24/23	05/24/23
Selenium	ND		mg/Kg	3.0	05/24/23	05/24/23
Silver	ND		mg/Kg	0.50	05/24/23	05/24/23
Thallium	ND		mg/Kg	3.0	05/24/23	05/24/23
Vanadium	ND		mg/Kg	1.0	05/24/23	05/24/23
Zinc	ND		mg/Kg	5.0	05/24/23	05/24/23

Type: Lab Control Sample	Lab ID: QC1068075	Batch: 314638
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068075 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	105.9	100.0	mg/Kg	106%		80-120
Barium	115.2	100.0	mg/Kg	115%		80-120
Beryllium	98.77	100.0	mg/Kg	99%		80-120
Cadmium	103.5	100.0	mg/Kg	104%		80-120
Chromium	116.6	100.0	mg/Kg	117%		80-120
Cobalt	118.6	100.0	mg/Kg	119%		80-120
Copper	111.8	100.0	mg/Kg	112%		80-120
Lead	115.5	100.0	mg/Kg	115%		80-120
Molybdenum	111.9	100.0	mg/Kg	112%		80-120
Nickel	114.1	100.0	mg/Kg	114%		80-120
Selenium	83.07	100.0	mg/Kg	83%		80-120
Silver	49.14	50.00	mg/Kg	98%		80-120
Thallium	104.6	100.0	mg/Kg	105%		80-120
Vanadium	101.1	100.0	mg/Kg	101%		80-120
Zinc	99.72	100.0	mg/Kg	100%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068076	Batch: 314638
Matrix (Source ID): Soil (485613-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068076 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	57.61	2.017	97.09	mg/Kg	57%	*	75-125	0.97
Barium	385.6	242.8	97.09	mg/Kg	147%	*	75-125	0.97
Beryllium	97.22	0.3608	97.09	mg/Kg	100%		75-125	0.97
Cadmium	106.7	ND	97.09	mg/Kg	110%		75-125	0.97
Chromium	128.1	12.52	97.09	mg/Kg	119%		75-125	0.97
Cobalt	123.0	7.717	97.09	mg/Kg	119%		75-125	0.97
Copper	142.8	17.06	97.09	mg/Kg	130%	*	75-125	0.97
Lead	178.7	76.87	97.09	mg/Kg	105%		75-125	0.97
Molybdenum	109.8	0.5246	97.09	mg/Kg	113%		75-125	0.97
Nickel	123.9	10.97	97.09	mg/Kg	116%		75-125	0.97
Selenium	85.30	ND	97.09	mg/Kg	88%		75-125	0.97
Silver	52.24	ND	48.54	mg/Kg	108%		75-125	0.97
Thallium	99.27	ND	97.09	mg/Kg	102%		75-125	0.97
Vanadium	128.5	24.53	97.09	mg/Kg	107%		75-125	0.97
Zinc	164.1	60.37	97.09	mg/Kg	107%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068077	Batch: 314638
Matrix (Source ID): Soil (485613-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068077 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	65.17	2.017	100.0	mg/Kg	63%	*	75-125	9	41	1
Barium	364.0	242.8	100.0	mg/Kg	121%		75-125	7	20	1
Beryllium	101.3	0.3608	100.0	mg/Kg	101%		75-125	1	20	1
Cadmium	111.8	ND	100.0	mg/Kg	112%		75-125	2	20	1
Chromium	130.4	12.52	100.0	mg/Kg	118%		75-125	1	20	1
Cobalt	132.7	7.717	100.0	mg/Kg	125%		75-125	5	20	1
Copper	149.7	17.06	100.0	mg/Kg	133%	*	75-125	2	20	1
Lead	149.9	76.87	100.0	mg/Kg	73%	*	75-125	19	20	1
Molybdenum	115.7	0.5246	100.0	mg/Kg	115%		75-125	2	20	1
Nickel	127.4	10.97	100.0	mg/Kg	116%		75-125	0	20	1
Selenium	90.55	ND	100.0	mg/Kg	91%		75-125	3	20	1
Silver	52.75	ND	50.00	mg/Kg	106%		75-125	2	20	1
Thallium	103.4	ND	100.0	mg/Kg	103%		75-125	1	20	1
Vanadium	128.0	24.53	100.0	mg/Kg	103%		75-125	3	20	1
Zinc	154.3	60.37	100.0	mg/Kg	94%		75-125	8	20	1

Batch QC

Type: Post Digest Spike	Lab ID: QC1068082	Batch: 314638
Matrix (Source ID): Soil (485613-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1068082 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	102.8	2.017	98.04	mg/Kg	103%		75-125	0.98
Barium	317.5	242.8	98.04	mg/Kg	76%		75-125	0.98
Beryllium	105.1	0.3608	98.04	mg/Kg	107%		75-125	0.98
Cadmium	101.6	ND	98.04	mg/Kg	104%		75-125	0.98
Chromium	118.0	12.52	98.04	mg/Kg	108%		75-125	0.98
Cobalt	117.3	7.717	98.04	mg/Kg	112%		75-125	0.98
Copper	120.0	17.06	98.04	mg/Kg	105%		75-125	0.98
Lead	173.9	76.87	98.04	mg/Kg	99%		75-125	0.98
Molybdenum	109.9	0.5246	98.04	mg/Kg	112%		75-125	0.98
Nickel	118.0	10.97	98.04	mg/Kg	109%		75-125	0.98
Selenium	95.11	ND	98.04	mg/Kg	97%		75-125	0.98
Silver	44.43	ND	49.02	mg/Kg	91%		75-125	0.98
Thallium	109.2	ND	98.04	mg/Kg	111%		75-125	0.98
Vanadium	129.8	24.53	98.04	mg/Kg	107%		75-125	0.98
Zinc	167.2	60.37	98.04	mg/Kg	109%		75-125	0.98

Type: Blank	Lab ID: QC1072864	Batch: 316030
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072864 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/13/23	06/14/23
Barium	ND		mg/Kg	1.0	06/13/23	06/14/23
Beryllium	ND		mg/Kg	0.50	06/13/23	06/14/23
Cadmium	ND		mg/Kg	0.50	06/13/23	06/14/23
Chromium	ND		mg/Kg	1.0	06/13/23	06/14/23
Cobalt	ND		mg/Kg	0.50	06/13/23	06/14/23
Copper	ND		mg/Kg	1.0	06/13/23	06/14/23
Lead	ND		mg/Kg	1.0	06/13/23	06/14/23
Molybdenum	ND		mg/Kg	1.0	06/13/23	06/14/23
Nickel	ND		mg/Kg	1.0	06/13/23	06/14/23
Selenium	ND		mg/Kg	3.0	06/13/23	06/14/23
Silver	ND		mg/Kg	0.50	06/13/23	06/14/23
Thallium	ND		mg/Kg	3.0	06/13/23	06/14/23
Vanadium	ND		mg/Kg	1.0	06/13/23	06/14/23
Zinc	ND		mg/Kg	5.0	06/13/23	06/14/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1072865	Batch: 316030
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072865 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	92.66	100.0	mg/Kg	93%		80-120
Barium	96.23	100.0	mg/Kg	96%		80-120
Beryllium	98.42	100.0	mg/Kg	98%		80-120
Cadmium	101.6	100.0	mg/Kg	102%		80-120
Chromium	97.39	100.0	mg/Kg	97%		80-120
Cobalt	101.4	100.0	mg/Kg	101%		80-120
Copper	96.38	100.0	mg/Kg	96%		80-120
Lead	99.65	100.0	mg/Kg	100%		80-120
Molybdenum	95.49	100.0	mg/Kg	95%		80-120
Nickel	99.71	100.0	mg/Kg	100%		80-120
Selenium	87.16	100.0	mg/Kg	87%		80-120
Silver	45.83	50.00	mg/Kg	92%		80-120
Thallium	96.62	100.0	mg/Kg	97%		80-120
Vanadium	96.41	100.0	mg/Kg	96%		80-120
Zinc	100.6	100.0	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC1072866	Batch: 316030
Matrix (Source ID): Soil (485657-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072866 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	25.95	ND	99.01	mg/Kg	26%	*	75-125	0.99
Barium	231.7	121.3	99.01	mg/Kg	112%		75-125	0.99
Beryllium	100.8	0.4701	99.01	mg/Kg	101%		75-125	0.99
Cadmium	101.6	1.030	99.01	mg/Kg	102%		75-125	0.99
Chromium	124.8	23.54	99.01	mg/Kg	102%		75-125	0.99
Cobalt	111.2	11.67	99.01	mg/Kg	100%		75-125	0.99
Copper	123.8	17.65	99.01	mg/Kg	107%		75-125	0.99
Lead	112.7	13.59	99.01	mg/Kg	100%		75-125	0.99
Molybdenum	94.14	2.310	99.01	mg/Kg	93%		75-125	0.99
Nickel	115.2	15.48	99.01	mg/Kg	101%		75-125	0.99
Selenium	86.85	ND	99.01	mg/Kg	88%		75-125	0.99
Silver	46.65	ND	49.50	mg/Kg	94%		75-125	0.99
Thallium	93.03	ND	99.01	mg/Kg	94%		75-125	0.99
Vanadium	172.7	63.79	99.01	mg/Kg	110%		75-125	0.99
Zinc	174.9	68.91	99.01	mg/Kg	107%		75-125	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1072867	Batch: 316030
Matrix (Source ID): Soil (485657-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072867 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result							RPD	Lim	
Antimony	22.64	ND		98.04	mg/Kg	23%	*	75-125	13	41	0.98
Barium	219.2	121.3		98.04	mg/Kg	100%		75-125	5	20	0.98
Beryllium	95.60	0.4701		98.04	mg/Kg	97%		75-125	4	20	0.98
Cadmium	95.55	1.030		98.04	mg/Kg	96%		75-125	5	20	0.98
Chromium	117.5	23.54		98.04	mg/Kg	96%		75-125	5	20	0.98
Cobalt	105.1	11.67		98.04	mg/Kg	95%		75-125	5	20	0.98
Copper	117.4	17.65		98.04	mg/Kg	102%		75-125	4	20	0.98
Lead	104.3	13.59		98.04	mg/Kg	93%		75-125	7	20	0.98
Molybdenum	89.29	2.310		98.04	mg/Kg	89%		75-125	4	20	0.98
Nickel	108.3	15.48		98.04	mg/Kg	95%		75-125	5	20	0.98
Selenium	82.34	ND		98.04	mg/Kg	84%		75-125	4	20	0.98
Silver	43.92	ND		49.02	mg/Kg	90%		75-125	5	20	0.98
Thallium	88.77	ND		98.04	mg/Kg	91%		75-125	4	20	0.98
Vanadium	162.4	63.79		98.04	mg/Kg	101%		75-125	6	20	0.98
Zinc	162.5	68.91		98.04	mg/Kg	96%		75-125	7	20	0.98

Type: Post Digest Spike	Lab ID: QC1072868	Batch: 316030
Matrix (Source ID): Soil (485657-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1072868 Analyte	Result	Source Sample		Spiked	Units	Recovery	Qual	Limits	DF
		Result							
Antimony	85.21	ND		96.15	mg/Kg	89%		75-125	0.96
Barium	208.3	121.3		96.15	mg/Kg	90%		75-125	0.96
Beryllium	94.57	0.4701		96.15	mg/Kg	98%		75-125	0.96
Cadmium	96.14	1.030		96.15	mg/Kg	99%		75-125	0.96
Chromium	113.8	23.54		96.15	mg/Kg	94%		75-125	0.96
Cobalt	105.5	11.67		96.15	mg/Kg	98%		75-125	0.96
Copper	112.9	17.65		96.15	mg/Kg	99%		75-125	0.96
Lead	105.7	13.59		96.15	mg/Kg	96%		75-125	0.96
Molybdenum	94.75	2.310		96.15	mg/Kg	96%		75-125	0.96
Nickel	107.1	15.48		96.15	mg/Kg	95%		75-125	0.96
Selenium	84.80	ND		96.15	mg/Kg	88%		75-125	0.96
Silver	44.68	ND		48.08	mg/Kg	93%		75-125	0.96
Thallium	87.80	ND		96.15	mg/Kg	91%		75-125	0.96
Vanadium	154.0	63.79		96.15	mg/Kg	94%		75-125	0.96
Zinc	162.8	68.91		96.15	mg/Kg	98%		75-125	0.96

Batch QC

Type: Blank	Lab ID: QC1068088	Batch: 314642
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068088 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	05/24/23	05/24/23

Type: Lab Control Sample	Lab ID: QC1068089	Batch: 314642
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1068089 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	103.9	100.0	mg/Kg	104%		80-120

Type: Matrix Spike	Lab ID: QC1068090	Batch: 314642
Matrix (Source ID): Soil (485211-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068090 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	105.8	3.911	97.09	mg/Kg	105%		75-125	0.97

Type: Matrix Spike Duplicate	Lab ID: QC1068091	Batch: 314642
Matrix (Source ID): Soil (485211-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068091 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	105.4	3.911	95.24	mg/Kg	107%		75-125	1	20	0.95

Type: Post Digest Spike	Lab ID: QC1068260	Batch: 314642
Matrix (Source ID): Soil (485211-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1068260 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	60.42	3.911	50.00	mg/Kg	113%		75-125	1

Type: Blank	Lab ID: QC1069755	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069755 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Hexavalent Chromium	ND		mg/Kg	0.40	06/01/23 09:51	06/01/23 12:53

Batch QC

Type: Lab Control Sample	Lab ID: QC1069756	Batch: 315126
Matrix: Soil	Method: EPA 7199	Prep Method: EPA 3060A

QC1069756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Hexavalent Chromium	33.10	39.84	mg/Kg	83%		80-120

Type: Sample Duplicate	Lab ID: QC1069757	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069757 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Hexavalent Chromium	ND	ND	mg/Kg			30	0.97

Type: Sample Spike	Lab ID: QC1069758	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	31.14	0.2267	40.00	mg/Kg	77%		70-130	2

Type: Post Digest Spike	Lab ID: QC1069759	Batch: 315126
Matrix (Source ID): Soil (485626-004)	Method: EPA 7199	Prep Method: EPA 3060A

QC1069759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Hexavalent Chromium	39.89	0.2267	38.61	mg/Kg	103%		75-125	1.9

Type: Blank	Lab ID: QC1068097	Batch: 314644
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068097 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	05/24/23	05/24/23

Type: Lab Control Sample	Lab ID: QC1068098	Batch: 314644
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1068098 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8084	0.8333	mg/Kg	97%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068099	Batch: 314644
Matrix (Source ID): Soil (485632-002)	Method: EPA 7471A	Prep Method: METHOD

QC1068099 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.8786	0.01645	0.9091	mg/Kg	95%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1068100	Batch: 314644
Matrix (Source ID): Soil (485632-002)	Method: EPA 7471A	Prep Method: METHOD

QC1068100 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Mercury	0.8644	0.01645	0.8772	mg/Kg	97%		75-125	2	20	1.1

Batch QC

Type: Blank	Lab ID: QC1068161	Batch: 314646
Matrix: Soil		

QC1068161 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Method: EPA 8081A						
Prep Method: EPA 3546						
alpha-BHC	ND		ug/Kg	5.0	05/24/23	05/24/23
beta-BHC	ND		ug/Kg	5.0	05/24/23	05/24/23
gamma-BHC	ND		ug/Kg	5.0	05/24/23	05/24/23
delta-BHC	ND		ug/Kg	5.0	05/24/23	05/24/23
Heptachlor	ND		ug/Kg	5.0	05/24/23	05/24/23
Aldrin	ND		ug/Kg	5.0	05/24/23	05/24/23
Heptachlor epoxide	ND		ug/Kg	5.0	05/24/23	05/24/23
Endosulfan I	ND		ug/Kg	5.0	05/24/23	05/24/23
Dieldrin	ND		ug/Kg	5.0	05/24/23	05/24/23
4,4'-DDE	ND		ug/Kg	5.0	05/24/23	05/24/23
Endrin	ND		ug/Kg	5.0	05/24/23	05/24/23
Endosulfan II	ND		ug/Kg	5.0	05/24/23	05/24/23
Endosulfan sulfate	ND		ug/Kg	5.0	05/24/23	05/24/23
4,4'-DDD	ND		ug/Kg	5.0	05/24/23	05/24/23
Endrin aldehyde	ND		ug/Kg	5.0	05/24/23	05/24/23
Endrin ketone	ND		ug/Kg	5.0	05/24/23	05/24/23
4,4'-DDT	ND		ug/Kg	5.0	05/24/23	05/24/23
Methoxychlor	ND		ug/Kg	9.9	05/24/23	05/24/23
Toxaphene	ND		ug/Kg	99	05/24/23	05/24/23
Chlordane (Technical)	ND		ug/Kg	50	05/24/23	05/24/23
Surrogates				Limits		
TCMX	83%		%REC	23-120	05/24/23	05/24/23
Decachlorobiphenyl	87%		%REC	24-120	05/24/23	05/24/23
Method: EPA 8082						
Prep Method: EPA 3546						
Aroclor-1016	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1221	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1232	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1242	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1248	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1254	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1260	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1262	ND		ug/Kg	50	05/24/23	05/24/23
Aroclor-1268	ND		ug/Kg	50	05/24/23	05/24/23
Surrogates				Limits		
Decachlorobiphenyl (PCB)	76%		%REC	19-121	05/24/23	05/24/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068162	Batch: 314646
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1068162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	41.72	49.70	ug/Kg	84%		22-129
beta-BHC	43.17	49.70	ug/Kg	87%		28-125
gamma-BHC	45.05	49.70	ug/Kg	91%		22-128
delta-BHC	44.95	49.70	ug/Kg	90%		24-131
Heptachlor	47.56	49.70	ug/Kg	96%		18-124
Aldrin	38.16	49.70	ug/Kg	77%		23-120
Heptachlor epoxide	45.49	49.70	ug/Kg	92%		26-120
Endosulfan I	47.90	49.70	ug/Kg	96%		25-126
Dieldrin	46.23	49.70	ug/Kg	93%		23-124
4,4'-DDE	46.26	49.70	ug/Kg	93%		28-121
Endrin	48.15	49.70	ug/Kg	97%		25-127
Endosulfan II	46.86	49.70	ug/Kg	94%		29-121
Endosulfan sulfate	44.57	49.70	ug/Kg	90%		30-121
4,4'-DDD	50.09	49.70	ug/Kg	101%		26-120
Endrin aldehyde	31.06	49.70	ug/Kg	62%		10-120
Endrin ketone	43.75	49.70	ug/Kg	88%		28-125
4,4'-DDT	47.97	49.70	ug/Kg	97%		22-125
Methoxychlor	51.92	49.70	ug/Kg	104%		28-130
Surrogates						
TCMX	43.29	49.70	ug/Kg	87%		23-120
Decachlorobiphenyl	40.64	49.70	ug/Kg	82%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1068163	Batch: 314646
Matrix (Source ID): Soil (485657-006)	Method: EPA 8081A	Prep Method: EPA 3546

QC1068163 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	47.67	ND	49.41	ug/Kg	96%		46-120	2
beta-BHC	48.29	ND	49.41	ug/Kg	98%		41-120	2
gamma-BHC	48.50	ND	49.41	ug/Kg	98%		41-120	2
delta-BHC	47.38	ND	49.41	ug/Kg	96%		38-123	2
Heptachlor	52.78	ND	49.41	ug/Kg	107%		39-120	2
Aldrin	44.25	ND	49.41	ug/Kg	90%		34-120	2
Heptachlor epoxide	50.17	ND	49.41	ug/Kg	102%		43-120	2
Endosulfan I	53.12	ND	49.41	ug/Kg	108%		45-120	2
Dieldrin	50.08	ND	49.41	ug/Kg	101%		45-120	2
4,4'-DDE	50.34	ND	49.41	ug/Kg	102%		34-120	2
Endrin	52.77	ND	49.41	ug/Kg	107%		40-120	2
Endosulfan II	50.67	ND	49.41	ug/Kg	103%		41-120	2
Endosulfan sulfate	48.27	ND	49.41	ug/Kg	98%		42-120	2
4,4'-DDD	53.62	ND	49.41	ug/Kg	109%		41-120	2
Endrin aldehyde	41.72	ND	49.41	ug/Kg	84%		30-120	2
Endrin ketone	46.64	ND	49.41	ug/Kg	94%		45-120	2
4,4'-DDT	54.41	ND	49.41	ug/Kg	110%		35-127	2
Methoxychlor	62.14	ND	49.41	ug/Kg	126%		42-136	2
Surrogates								
TCMX	46.39		49.41	ug/Kg	94%		23-120	2
Decachlorobiphenyl	46.37		49.41	ug/Kg	94%		24-120	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068164	Batch: 314646
Matrix (Source ID): Soil (485657-006)	Method: EPA 8081A	Prep Method: EPA 3546

QC1068164 Analyte	Result	Source Sample	Spiked	Units	Recovery	Qual	Limits	RPD		DF
		Result						RPD	Lim	
alpha-BHC	47.44	ND	49.85	ug/Kg	95%		46-120	1	30	2
beta-BHC	47.61	ND	49.85	ug/Kg	96%		41-120	2	30	2
gamma-BHC	48.46	ND	49.85	ug/Kg	97%		41-120	1	30	2
delta-BHC	46.58	ND	49.85	ug/Kg	93%		38-123	3	30	2
Heptachlor	51.66	ND	49.85	ug/Kg	104%		39-120	3	30	2
Aldrin	43.06	ND	49.85	ug/Kg	86%		34-120	4	30	2
Heptachlor epoxide	49.22	ND	49.85	ug/Kg	99%		43-120	3	30	2
Endosulfan I	52.11	ND	49.85	ug/Kg	105%		45-120	3	30	2
Dieldrin	48.84	ND	49.85	ug/Kg	98%		45-120	3	30	2
4,4'-DDE	49.12	ND	49.85	ug/Kg	99%		34-120	3	30	2
Endrin	51.47	ND	49.85	ug/Kg	103%		40-120	3	30	2
Endosulfan II	50.06	ND	49.85	ug/Kg	100%		41-120	2	30	2
Endosulfan sulfate	47.07	ND	49.85	ug/Kg	94%		42-120	3	30	2
4,4'-DDD	52.12	ND	49.85	ug/Kg	105%		41-120	4	30	2
Endrin aldehyde	41.28	ND	49.85	ug/Kg	83%		30-120	2	30	2
Endrin ketone	45.48	ND	49.85	ug/Kg	91%		45-120	3	30	2
4,4'-DDT	54.14	ND	49.85	ug/Kg	109%		35-127	1	30	2
Methoxychlor	59.78	ND	49.85	ug/Kg	120%		42-136	5	30	2
Surrogates										
TCMX	46.85		49.85	ug/Kg	94%		23-120			2
Decachlorobiphenyl	43.52		49.85	ug/Kg	87%		24-120			2

Type: Lab Control Sample	Lab ID: QC1068165	Batch: 314646
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1068165 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	470.3	499.0	ug/Kg	94%		14-150
Aroclor-1260	467.4	499.0	ug/Kg	94%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	42.51	49.90	ug/Kg	85%		19-121

Batch QC

Type: Matrix Spike	Lab ID: QC1068166	Batch: 314646
Matrix (Source ID): Soil (485657-009)	Method: EPA 8082	Prep Method: EPA 3546

QC1068166 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	488.2	ND	500.0	ug/Kg	98%		42-127	1
Aroclor-1260	482.5	ND	500.0	ug/Kg	96%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	45.71		50.00	ug/Kg	91%		19-121	1

Type: Matrix Spike Duplicate	Lab ID: QC1068167	Batch: 314646
Matrix (Source ID): Soil (485657-009)	Method: EPA 8082	Prep Method: EPA 3546

QC1068167 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Aroclor-1016	435.1	ND	496.0	ug/Kg	88%		42-127	11	30	0.99
Aroclor-1260	431.0	ND	496.0	ug/Kg	87%		38-130	10	30	0.99
Surrogates										
Decachlorobiphenyl (PCB)	39.29		49.60	ug/Kg	79%		19-121			0.99

Batch QC

Type: Blank	Lab ID: QC1068078	Batch: 314640
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068078 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
2-Methylnaphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
Naphthalene	ND		ug/Kg	9.9	05/24/23	05/24/23
Acenaphthylene	ND		ug/Kg	9.9	05/24/23	05/24/23
Acenaphthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Fluorene	ND		ug/Kg	9.9	05/24/23	05/24/23
Phenanthrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(a)anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Chrysene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(b)fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(k)fluoranthene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(a)pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	05/24/23	05/24/23
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	05/24/23	05/24/23
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	05/24/23	05/24/23
Surrogates				Limits		
Nitrobenzene-d5	88%		%REC	27-125	05/24/23	05/24/23
2-Fluorobiphenyl	82%		%REC	30-120	05/24/23	05/24/23
Terphenyl-d14	85%		%REC	33-155	05/24/23	05/24/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1068079	Batch: 314640
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068079 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	159.7	200.0	ug/Kg	80%		28-130
2-Methylnaphthalene	154.5	200.0	ug/Kg	77%		33-130
Naphthalene	155.7	200.0	ug/Kg	78%		25-130
Acenaphthylene	159.4	200.0	ug/Kg	80%		28-130
Acenaphthene	156.6	200.0	ug/Kg	78%		32-130
Fluorene	154.0	200.0	ug/Kg	77%		35-130
Phenanthrene	150.5	200.0	ug/Kg	75%		35-132
Anthracene	168.0	200.0	ug/Kg	84%		34-136
Fluoranthene	151.8	200.0	ug/Kg	76%		34-139
Pyrene	152.6	200.0	ug/Kg	76%		35-134
Benzo(a)anthracene	141.3	200.0	ug/Kg	71%		30-132
Chrysene	157.3	200.0	ug/Kg	79%		29-130
Benzo(b)fluoranthene	152.9	200.0	ug/Kg	76%		32-137
Benzo(k)fluoranthene	171.5	200.0	ug/Kg	86%		32-130
Benzo(a)pyrene	167.8	200.0	ug/Kg	84%		10-138
Indeno(1,2,3-cd)pyrene	185.8	200.0	ug/Kg	93%		34-132
Dibenz(a,h)anthracene	190.5	200.0	ug/Kg	95%		32-130
Benzo(g,h,i)perylene	194.2	200.0	ug/Kg	97%		27-130
Surrogates						
Nitrobenzene-d5	170.3	200.0	ug/Kg	85%		27-125
2-Fluorobiphenyl	152.7	200.0	ug/Kg	76%		30-120
Terphenyl-d14	151.9	200.0	ug/Kg	76%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1068080	Batch: 314640
Matrix (Source ID): Soil (485515-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068080 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	178.1	ND	200.0	ug/Kg	89%		25-130	5
2-Methylnaphthalene	185.6	ND	200.0	ug/Kg	93%		32-133	5
Naphthalene	222.0	ND	200.0	ug/Kg	111%		33-130	5
Acenaphthylene	136.6	ND	200.0	ug/Kg	68%		14-157	5
Acenaphthene	132.0	ND	200.0	ug/Kg	66%		28-134	5
Fluorene	134.2	ND	200.0	ug/Kg	67%		27-140	5
Phenanthrene	152.8	21.83	200.0	ug/Kg	65%		29-147	5
Anthracene	149.8	ND	200.0	ug/Kg	75%		24-156	5
Fluoranthene	177.1	43.27	200.0	ug/Kg	67%		28-160	5
Pyrene	184.4	39.57	200.0	ug/Kg	72%		26-153	5
Benzo(a)anthracene	133.6	15.21	200.0	ug/Kg	59%		26-174	5
Chrysene	158.7	29.81	200.0	ug/Kg	64%		40-139	5
Benzo(b)fluoranthene	142.2	26.49	200.0	ug/Kg	58%		36-164	5
Benzo(k)fluoranthene	146.0	ND	200.0	ug/Kg	73%		36-161	5
Benzo(a)pyrene	148.9	18.65	200.0	ug/Kg	65%		18-173	5
Indeno(1,2,3-cd)pyrene	145.8	15.56	200.0	ug/Kg	65%		26-154	5
Dibenz(a,h)anthracene	133.0	ND	200.0	ug/Kg	66%		38-132	5
Benzo(g,h,i)perylene	154.1	21.14	200.0	ug/Kg	66%		36-130	5
Surrogates								
Nitrobenzene-d5	121.4		200.0	ug/Kg	61%		27-125	5
2-Fluorobiphenyl	121.2		200.0	ug/Kg	61%		30-120	5
Terphenyl-d14	139.4		200.0	ug/Kg	70%		33-155	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1068081	Batch: 314640
Matrix (Source ID): Soil (485515-001)	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1068081 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	144.6	ND	199.0	ug/Kg	73%		25-130	20	35	5
2-Methylnaphthalene	130.3	ND	199.0	ug/Kg	65%		32-133	35	35	5
Naphthalene	138.2	ND	199.0	ug/Kg	69%		33-130	46*	35	5
Acenaphthylene	141.3	ND	199.0	ug/Kg	71%		14-157	4	35	5
Acenaphthene	135.0	ND	199.0	ug/Kg	68%		28-134	3	35	5
Fluorene	134.7	ND	199.0	ug/Kg	68%		27-140	1	35	5
Phenanthrene	146.1	21.83	199.0	ug/Kg	62%		29-147	4	35	5
Anthracene	150.7	ND	199.0	ug/Kg	76%		24-156	1	35	5
Fluoranthene	174.5	43.27	199.0	ug/Kg	66%		28-160	1	35	5
Pyrene	178.8	39.57	199.0	ug/Kg	70%		26-153	3	35	5
Benzo(a)anthracene	132.8	15.21	199.0	ug/Kg	59%		26-174	0	35	5
Chrysene	153.2	29.81	199.0	ug/Kg	62%		40-139	3	35	5
Benzo(b)fluoranthene	138.3	26.49	199.0	ug/Kg	56%		36-164	2	35	5
Benzo(k)fluoranthene	140.2	ND	199.0	ug/Kg	70%		36-161	4	35	5
Benzo(a)pyrene	143.6	18.65	199.0	ug/Kg	63%		18-173	3	35	5
Indeno(1,2,3-cd)pyrene	143.7	15.56	199.0	ug/Kg	64%		26-154	1	35	5
Dibenz(a,h)anthracene	134.6	ND	199.0	ug/Kg	68%		38-132	2	35	5
Benzo(g,h,i)perylene	147.9	21.14	199.0	ug/Kg	64%		36-130	4	35	5
Surrogates										
Nitrobenzene-d5	132.5		199.0	ug/Kg	67%		27-125			5
2-Fluorobiphenyl	131.5		199.0	ug/Kg	66%		30-120			5
Terphenyl-d14	146.3		199.0	ug/Kg	74%		33-155			5

* Value is outside QC limits

ND Not Detected

Laboratory Job Number 485657

Subcontracted Products

AmeriSci



Please Reply To:

AmeriSci Los Angeles

24416 S. Main Street, Ste 308

Carson, California 90745

TEL: (310) 834-4868 • FAX: (310) 834-4772

LABORATORY ELECTRONIC TRANSMITTAL

To: Project Manager
Enthalpy Analytical

Fax #:

Email: incomingreports@enthalpy.com,
Ranjit.Clarke@enthalpy.com

From: Lateef McIntosh
AmeriSci Job #: 923051440
Subject: PLM-Bulk-Qualitative 5 day Resul
Client Project: EO-485657

Date: Wednesday, May 31, 2023

Time: 08:33:41

Comments:

Number of Pages: _____
(including cover sheet)

NOTE: Attached report is to be considered preliminary until final review with accompanying analysis summary letter is issued.

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

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Client Name: Enthalpy Analytical

Table I
Summary of Bulk Asbestos Analysis Results
 EO-485657

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01	B49-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-001							
02	B53-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-003							
03	B50-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-007							
04	B51-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-009							
05	B54-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-011							
06	B52-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-015							
07	B55-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-017							
08	B51D-0.5FT		----	----	----	----	NVA	NA
	Location: 485657-021							

Analyzed by: Lateef McIntosh
 Date: 5/30/2023



Reviewed by: Patricia Weakley



Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

Subject: Re: [EXTERNAL] Amerisci Los Angeles: Please provide us with P.O. #
From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>
Date: 5/26/2023, 2:59 PM
To: ameriscila@amerisci.com
CC: "incomingreports@enthalpy.com" <incomingreports@enthalpy.com>

923051440

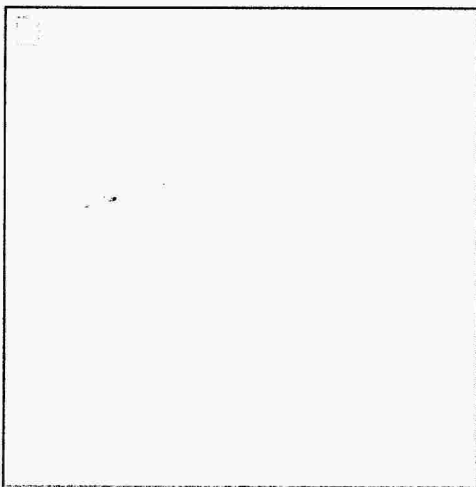
Glenda,

Here are the rest of the POs:

- EO-485621 = PO-046571
- EO-485622 = PO-046572
- EO-485627 = PO-046573
- EO-485629 = PO-046582
- EO-485638 = PO-046583
- EO-485650 = PO-046584
- EO-485657 = PO-046585

Have a great weekend!!!

Ranjit Clarke
Client Services Manager



931 W. Barkley Ave., Orange, CA 92868

O: 714.771.6900 X 9906 | M: 657-274-9864 | F: 714-538-1209

Ranjit.Clarke@enthalpy.com

On Fri, May 26, 2023 at 8:16 AM Glenda Luzon <gluzon@amerisci.com> wrote:

Good morning, Ranjit.

Rec'd by Glenda Luzon 5/26/23 @ 15:15



923051440

Enthalpy Analytical - Orange
 Orange, CA 92868
 (714) 771-6900 / Fax: (510) 486-0532

Subcontract Laboratory:

AmeriSci
 24416 S. Main Street
 Suite 308
 Carson, CA 90745
 ATTN: Sample Control
 PO #: Required, to be sent via email

Enthalpy Order: EO-485657

PM: Ranjit K Clarke
 Email: Ranjit.Clarke@enthalpy.com
 CC: incomingreports@enthalpy.com
 Phone: (714) 771-9906

Results Due: Standard TAT

Report Level: II

Report To: RL

EDDs:

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
B49-0.5FT	21-MAY-2023 10:30	485657-001	1	Soil	Asbestos by PLM	Qualitative P/A
B53-0.5FT	21-MAY-2023 07:55	485657-003	1	Soil	Asbestos by PLM	Qualitative P/A
B50-0.5FT	21-MAY-2023 09:50	485657-007	1	Soil	Asbestos by PLM	Qualitative P/A
B51-0.5FT	21-MAY-2023 10:25	485657-009	1	Soil	Asbestos by PLM	Qualitative P/A
B54-0.5FT	23-MAY-2023 08:45	485657-011	1	Soil	Asbestos by PLM	Qualitative P/A
B52-0.5FT	23-MAY-2023 09:55	485657-015	1	Soil	Asbestos by PLM	Qualitative P/A
B55-0.5FT	23-MAY-2023 09:15	485657-017	1	Soil	Asbestos by PLM	Qualitative P/A
B51D-0.5FT	23-MAY-2023 10:15	485657-021	1	Soil	Asbestos by PLM	Qualitative P/A

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	<i>Glenda Luzon</i>
	Date: 5/24/23 1407	Date: 5/24/23 14:05
	Date:	Date:
	Date:	Date:
	Date:	Date:



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 487441
Report Level: II
Report Date: 07/06/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065 - Revised Report

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene CES Group, Inc. 33175 Temecula Pkwy Ste. A-734 Temecula, CA 92592	Lab Job #: 487441 Project No: IRVING MS Location: 3010 Estara Ave., Los Angeles, CA 90065 - Revised Report Date Received: 06/23/23
---	--

Sample ID	Lab ID	Collected	Matrix
B58-0.5FT	487441-001	06/23/23 07:50	Soil
B58-2.5FT	487441-002	06/23/23 07:55	Soil
B58-5FT	487441-003	06/23/23 08:20	Soil
B58-10FT	487441-004	06/23/23 08:25	Soil
B58-15FT	487441-005	06/23/23 08:30	Soil
B58-20FT	487441-006	06/23/23 08:35	Soil
B58-25FT	487441-007	06/23/23 08:40	Soil
B59-0.5FT	487441-008	06/23/23 08:10	Soil
B59-2.5FT	487441-009	06/23/23 08:15	Soil
B59-5FT	487441-010	06/23/23 08:50	Soil
B59-10FT	487441-011	06/23/23 09:00	Soil
B59-15FT	487441-012	06/23/23 09:10	Soil
B59-20FT	487441-013	06/23/23 09:15	Soil
B59-25FT	487441-014	06/23/23 09:25	Soil

Case Narrative

CES Group, Inc.	Lab Job 487441
33175 Temecula	Number:
Pkwy	Project No: IRVING MS
Ste. A-734	Location: 3010 Estara Ave., Los Angeles, CA 90065 - Revised
Temecula, CA 92592	Report
Skye Greene	Date Received: 06/23/23

- This data package contains sample and QC results for six soil samples, requested for the above referenced project on 06/23/23. The samples were received cold and intact.
- Revised Report - Arsenic is now reported by EPA 6020 only.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- Low recoveries were observed for diesel C10-C28 in the MS/MSD for batch 317220; the parent sample was not a project sample, the LCS was within limits, the associated RPD was within limits, and these low recoveries were not associated with any reported results.
- B58-0.5FT (lab # 487441-001) and B59-0.5FT (lab # 487441-008) were diluted due to the dark color of the sample extracts.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Metals (EPA 6010B, EPA 6020, and EPA 7471A):

- High recovery was observed for mercury in the MS for batch 316940; the parent sample was not a project sample, the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was also observed for mercury in the MS/MSD for batch 316940; this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for antimony in the MS/MSD for batch 316915; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.



ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 487441

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 2 Day: 3 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other (lab use only)

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

CUSTOMER INFORMATION

Company: CES Group
Report To: Skye Green
Email: sscreen@cesgroup.co
Address: 33175 Temecula Pkwy, Suite A-734
Temecula, CA 92592
Phone: 714-398-6363
Fax: 951-848-9812

PROJECT INFORMATION

Name: Irving MS
Quote #: CES030223A
P.O. #: 34423
Address: 3010 Estara Ave
Los Angeles, CA 90065
Global ID:
Sampled By: J. Baysa

Analysis Request

Title 22 Metals EPA 601DB
Arsenic EPA 6020
TPHgdO EPA 8015M
VOCs EPA 8260B

Test Instructions / Comments

Hold

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B58-0.5ft	06/23/23	7:50 AM	S	1/8oz, 5 VOAs	5035
2 B58-2.5ft	06/23/23	7:55 AM	S	1/8oz, 5 VOAs	5035
3 B58-5ft	06/23/23	8:20 AM	S	1/8oz, 5 VOAs	5035
4 B58-10ft	06/23/23	8:25 AM	S	1/8oz, 5 VOAs	5035
5 B58-15ft	06/23/23	8:30 AM	S	1/8oz, 5 VOAs	5035
6 B58-20ft	06/23/23	8:35 AM	S	1/8oz, 5 VOAs	5035
7 B58-25ft	06/23/23	8:40 AM	S	1/8oz, 5 VOAs	5035
8 B59-0.5ft	06/23/23	8:10 AM	S	1/8oz, 5 VOAs	5035
9 B59-2.5ft	06/23/23	8:15 AM	S	1/8oz, 5 VOAs	5035
10 B59-5ft	06/23/23	8:50 AM	S	1/8oz, 5 VOAs	5035

Signature	Print Name	Company / Title	Date / Time
	Jennifer Baysa	CES Group	06-23-23 / 1540
	Angela Serrano	EA	06-23-23 / 1540



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record

Lab No: 187441
 Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard: 3 Day:
 5 Day:
 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp: 0.915.2
 (lab use only)

PROJECT INFORMATION

Company: CES Group Name: Irving MS
 Report To: Skye Green Quote #: CES030223A
 Email: sgreen@cesgroup.co P.O. #: 34423
 Address: 33175 Temecula Pkwy, Suite A-794
 Temecula, CA 92592
 Phone: 714-398-6363 Global ID:
 Fax: 951-848-9812 Sampled By: J. Baysa

CUSTOMER INFORMATION

Analysis Request
 Title 22 Metals EPA 6010B
 Arsenic EPA 6020
 TPHgdo EPA 8015M
 VOCs EPA 8260B

Test Instructions / Comments

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 B59-10ft	06/23/23	9:00 AM	S	1/8oz, 5 VOAs	5035
2 B59-15ft	06/23/23	9:10 AM	S	1/8oz, 5 VOAs	5035
3 B59-20ft	06/23/23	9:15 AM	S	1/8oz, 5 VOAs	5035
4 B59-25ft	06/23/23	9:25 AM	S	1/8oz, 5 VOAs	5035
5					
6					
7					
8					
9					
10					

Signature: Jennifer Baysa Print Name: Jennifer Baysa Date / Time: 06-23-23 / 1540
 Relinquished By: Jennifer Baysa Company / Title: CES Group
 Received By: Amanda Sealcomb
 Relinquished By: EA Date / Time: 06/23/23 1540
 Received By:



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: CES Group Project: Irving MS
 Date Received: 6/23/23 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 5.2 #2: _____ #3: _____ #4: _____
 (Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 0.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	X		
Are sample IDs present?	X		
Are sampling dates & times present?	X		
Is a relinquished signature present?	X		
Are the tests required clearly indicated on the COC?	X		
Are custody seals present?		X	
If custody seals are present, were they intact?			X
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			X
Did all samples arrive intact? If no, indicate in Section 4 below.	X		
Did all bottle labels agree with COC? (ID, dates and times)	X		
Were the samples collected in the correct containers for the required tests?	X		
Are the containers labeled with the correct preservatives?	X		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			X
Was a sufficient amount of sample submitted for the requested tests?	X		

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email* (email sent to/on): _____ / _____
 Project Manager's response:

Completed By: [Signature] Date: 6/23/23



Ranjit Clarke <ranjit.clarke@enthalpy.com>

[EXTERNAL] RE: CES Group Lr 487441

1 message

Skye Green <sgreen@cesgroup.co>

Fri, Jun 23, 2023 at 4:09 PM

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>, Danny Baysa <dbaysa@cesgroup.co>

Ranjit,

Run the shallow B-58-0.5ft and B59-0.5ft for Metals, Arsenic, TPH, and VOCs

Run B-58-2.5ft, B58-5ft, B59-2.5ft, and B59-5ft for TPH and VOCs but hold the glass jars so that we can analyze metals or arsenic later if we get high values on the 0.5 ft samples.

Skye Green, PE

CES Group Inc

CES/Novacom/ERG

714-398-6363 mobile

951-808-8585 office

951-848-9812 fax

sgreen@cesgroup.co

www.cesgroup.co



From: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>**Sent:** Friday, June 23, 2023 3:57 PM**To:** Danny Baysa <dbaysa@cesgroup.co>; Skye Green <sgreen@cesgroup.co>**Subject:** Fwd: CES Group Lr 487441

See attached. Please let me know what samples are on hold and which ones are not.

----- Forwarded message -----

From: **Annalesia Smallcomb** <annaesia.smallcomb@enthalpy.com>

Date: Fri, Jun 23, 2023 at 3:55 PM

Subject: CES Group Lr 487441

To: Ranjit Clarke <Ranjit.Clarke@enthalpy.com>, Sample Receiving Group Orange <SRloginOrange@enthalpy.com>

Analysis Results for 487441

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 487441
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles,
 CA 90065 - Revised Report
 Date Received: 06/23/23

Sample ID: B58-0.5FT Lab ID: 487441-001 Collected: 06/23/23 07:50
Matrix: Soil

487441-001 Analyte Result Qual Units RL DF Batch Prepared Analyzed Chemist

Method: EPA 6010B
 Prep Method: EPA 3050B

Antimony	ND		mg/Kg	2.9	0.98	316915	06/26/23	06/28/23	SBW
Barium	120		mg/Kg	0.98	0.98	316915	06/26/23	06/28/23	SBW
Beryllium	ND		mg/Kg	0.49	0.98	316915	06/26/23	06/28/23	SBW
Cadmium	2.1		mg/Kg	0.49	0.98	316915	06/26/23	06/28/23	SBW
Chromium	23		mg/Kg	0.98	0.98	316915	06/26/23	06/28/23	SBW
Cobalt	10		mg/Kg	0.49	0.98	316915	06/26/23	06/28/23	SBW
Copper	14		mg/Kg	0.98	0.98	316915	06/26/23	06/29/23	SBW
Lead	24		mg/Kg	0.98	0.98	316915	06/26/23	06/28/23	SBW
Molybdenum	2.7		mg/Kg	0.98	0.98	316915	06/26/23	06/28/23	SBW
Nickel	23		mg/Kg	0.98	0.98	316915	06/26/23	06/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.98	316915	06/26/23	06/28/23	SBW
Silver	ND		mg/Kg	0.49	0.98	316915	06/26/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	0.98	316915	06/26/23	06/28/23	SBW
Vanadium	57		mg/Kg	0.98	0.98	316915	06/26/23	06/28/23	SBW
Zinc	69		mg/Kg	4.9	0.98	316915	06/26/23	06/28/23	SBW

Method: EPA 6020
 Prep Method: EPA 3050B

Arsenic	5.1		mg/Kg	0.95	0.95	316909	06/26/23	06/26/23	JCP
---------	------------	--	-------	------	------	--------	----------	----------	-----

Method: EPA 7471A
 Prep Method: METHOD

Mercury	ND		mg/Kg	0.16	1.2	316940	06/26/23	06/27/23	KAM
---------	----	--	-------	------	-----	--------	----------	----------	-----

Method: EPA 8015B
 Prep Method: EPA 5035

GRO C6-C10	ND		mg/Kg	2.6	0.88	316932	06/26/23	06/26/23	SXR
------------	----	--	-------	-----	------	--------	----------	----------	-----

Surrogates Limits

Bromofluorobenzene (FID)	85%	%REC	60-140	0.88	316932	06/26/23	06/26/23	SXR
--------------------------	-----	------	--------	------	--------	----------	----------	-----

Method: EPA 8015M
 Prep Method: EPA 3580M

DRO C10-C28	ND		mg/Kg	50	5	317220	06/29/23	06/30/23	BJG
ORO C28-C44	200		mg/Kg	50	5	317220	06/29/23	06/30/23	BJG

Surrogates Limits

n-Triacontane	DO	%REC	70-130	5	317220	06/29/23	06/30/23	BJG
---------------	----	------	--------	---	--------	----------	----------	-----

Method: EPA 8260B
 Prep Method: EPA 5035

Analysis Results for 487441

487441-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
3-Chloropropene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	8.8	0.88	317409	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	88	0.88	317409	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	88	0.88	317409	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
m,p-Xylenes	ND		ug/Kg	8.8	0.88	317409	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	4.4	0.88	317409	07/03/23	07/03/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	107%		%REC	70-145	0.88	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	118%		%REC	70-145	0.88	317409	07/03/23	07/03/23	LYZ
Toluene-d8	97%		%REC	70-145	0.88	317409	07/03/23	07/03/23	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.88	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

Sample ID: B58-2.5FT	Lab ID: 487441-002	Collected: 06/23/23 07:55
Matrix: Soil		

487441-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B									
Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	2.9	0.96	316932	06/26/23	06/26/23	SXR
Surrogates					Limits				
Bromofluorobenzene (FID)	89%		%REC	60-140	0.96	316932	06/26/23	06/26/23	SXR
Method: EPA 8015M									
Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	317220	06/29/23	06/30/23	BJG
ORO C28-C44	ND		mg/Kg	9.9	0.99	317220	06/29/23	06/30/23	BJG
Surrogates					Limits				
n-Triacontane	127%		%REC	70-130	0.99	317220	06/29/23	06/30/23	BJG
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	9.7	0.97	317409	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	97	0.97	317409	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	97	0.97	317409	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	9.7	0.97	317409	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	4.8	0.97	317409	07/03/23	07/03/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	104%		%REC	70-145	0.97	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	113%		%REC	70-145	0.97	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	97%		%REC	70-145	0.97	317409	07/03/23	07/03/23	LYZ
Bromofluorobenzene	98%		%REC	70-145	0.97	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

Sample ID: B58-5FT	Lab ID: 487441-003	Collected: 06/23/23 08:20
Matrix: Soil		

487441-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B									
Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	2.6	0.88	316932	06/26/23	06/26/23	SXR
Surrogates				Limits					
Bromofluorobenzene (FID)	75%		%REC	60-140	0.88	316932	06/26/23	06/26/23	SXR
Method: EPA 8015M									
Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	9.9	0.99	317220	06/29/23	06/30/23	BJG
ORO C28-C44	ND		mg/Kg	9.9	0.99	317220	06/29/23	06/30/23	BJG
Surrogates				Limits					
n-Triacontane	125%		%REC	70-130	0.99	317220	06/29/23	06/30/23	BJG
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	8.4	0.84	317409	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	84	0.84	317409	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	84	0.84	317409	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.4	0.84	317409	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	4.2	0.84	317409	07/03/23	07/03/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	104%		%REC	70-145	0.84	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	119%		%REC	70-145	0.84	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	95%		%REC	70-145	0.84	317409	07/03/23	07/03/23	LYZ
Bromofluorobenzene	96%		%REC	70-145	0.84	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

Sample ID: B59-0.5FT	Lab ID: 487441-008	Collected: 06/23/23 08:10
Matrix: Soil		

487441-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.97	316915	06/26/23	06/28/23	SBW
Barium	140		mg/Kg	0.97	0.97	316915	06/26/23	06/28/23	SBW
Beryllium	0.52		mg/Kg	0.49	0.97	316915	06/26/23	06/28/23	SBW
Cadmium	1.5		mg/Kg	0.49	0.97	316915	06/26/23	06/28/23	SBW
Chromium	26		mg/Kg	0.97	0.97	316915	06/26/23	06/28/23	SBW
Cobalt	8.0		mg/Kg	0.49	0.97	316915	06/26/23	06/28/23	SBW
Copper	14		mg/Kg	0.97	0.97	316915	06/26/23	06/29/23	SBW
Lead	31		mg/Kg	0.97	0.97	316915	06/26/23	06/28/23	SBW
Molybdenum	2.1		mg/Kg	0.97	0.97	316915	06/26/23	06/28/23	SBW
Nickel	20		mg/Kg	0.97	0.97	316915	06/26/23	06/28/23	SBW
Selenium	ND		mg/Kg	2.9	0.97	316915	06/26/23	06/28/23	SBW
Silver	ND		mg/Kg	0.49	0.97	316915	06/26/23	06/29/23	SBW
Thallium	ND		mg/Kg	2.9	0.97	316915	06/26/23	06/28/23	SBW
Vanadium	57		mg/Kg	0.97	0.97	316915	06/26/23	06/28/23	SBW
Zinc	86		mg/Kg	4.9	0.97	316915	06/26/23	06/28/23	SBW
Method: EPA 6020 Prep Method: EPA 3050B									
Arsenic	4.8		mg/Kg	0.97	0.97	316909	06/26/23	06/26/23	JCP
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.16	1.1	316940	06/26/23	06/27/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	3.1	1	316932	06/26/23	06/26/23	SXR
Surrogates	Limits								
Bromofluorobenzene (FID)	76%		%REC	60-140	1	316932	06/26/23	06/26/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	50	5	317220	06/29/23	06/30/23	BJG
ORO C28-C44	160		mg/Kg	50	5	317220	06/29/23	06/30/23	BJG
Surrogates	Limits								
n-Triacontane		DO	%REC	70-130	5	317220	06/29/23	06/30/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
tert-Butyl Alcohol (TBA)	ND		ug/Kg	8.0	0.8	317409	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	80	0.8	317409	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	80	0.8	317409	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Benzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.0	0.8	317409	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	4.0	0.8	317409	07/03/23	07/03/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	110%		%REC	70-145	0.8	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	118%		%REC	70-145	0.8	317409	07/03/23	07/03/23	LYZ
Toluene-d8	95%		%REC	70-145	0.8	317409	07/03/23	07/03/23	LYZ
Bromofluorobenzene	98%		%REC	70-145	0.8	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

Sample ID: B59-2.5FT	Lab ID: 487441-009	Collected: 06/23/23 08:15
Matrix: Soil		

487441-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B									
Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	2.6	0.88	316932	06/26/23	06/26/23	SXR
Surrogates				Limits					
Bromofluorobenzene (FID)	84%		%REC	60-140	0.88	316932	06/26/23	06/26/23	SXR
Method: EPA 8015M									
Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	10	1	317220	06/29/23	06/30/23	BJG
ORO C28-C44	ND		mg/Kg	10	1	317220	06/29/23	06/30/23	BJG
Surrogates				Limits					
n-Triacontane	126%		%REC	70-130	1	317220	06/29/23	06/30/23	BJG
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	8.7	0.87	317409	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	87	0.87	317409	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	87	0.87	317409	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.7	0.87	317409	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	109%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	122%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	96%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ
Bromofluorobenzene	96%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

Sample ID: B59-5FT	Lab ID: 487441-010	Collected: 06/23/23 08:50
Matrix: Soil		

487441-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8015B									
Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	2.4	0.8	316932	06/26/23	06/26/23	SXR
Surrogates				Limits					
Bromofluorobenzene (FID)	74%		%REC	60-140	0.8	316932	06/26/23	06/26/23	SXR
Method: EPA 8015M									
Prep Method: EPA 3580M									
DRO C10-C28	ND		mg/Kg	10	1	317220	06/29/23	06/30/23	BJG
ORO C28-C44	ND		mg/Kg	10	1	317220	06/29/23	06/30/23	BJG
Surrogates				Limits					
n-Triacontane	116%		%REC	70-130	1	317220	06/29/23	06/30/23	BJG
Method: EPA 8260B									
Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	8.7	0.87	317409	07/03/23	07/03/23	LYZ
Freon 12	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Vinyl Chloride	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromomethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Acetone	ND		ug/Kg	87	0.87	317409	07/03/23	07/03/23	LYZ
Freon 113	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Methylene Chloride	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
MTBE	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
2-Butanone	ND		ug/Kg	87	0.87	317409	07/03/23	07/03/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chloroform	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromochloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Trichloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromodichloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Dibromomethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Toluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Tetrachloroethene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Dibromochloromethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Chlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Ethylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
m,p-Xylenes	ND		ug/Kg	8.7	0.87	317409	07/03/23	07/03/23	LYZ
o-Xylene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Styrene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromoform	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Isopropylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Propylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Bromobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
2-Chlorotoluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
4-Chlorotoluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
tert-Butylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
sec-Butylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
n-Butylbenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Naphthalene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Xylene (total)	ND		ug/Kg	4.3	0.87	317409	07/03/23	07/03/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	107%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ
1,2-Dichloroethane-d4	125%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ

Analysis Results for 487441

487441-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Toluene-d8	95%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ
Bromofluorobenzene	97%		%REC	70-145	0.87	317409	07/03/23	07/03/23	LYZ

DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1075800	Batch: 316915
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1075800 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	06/26/23	06/28/23
Barium	ND		mg/Kg	1.0	06/26/23	06/28/23
Beryllium	ND		mg/Kg	0.50	06/26/23	06/28/23
Cadmium	ND		mg/Kg	0.50	06/26/23	06/28/23
Chromium	ND		mg/Kg	1.0	06/26/23	06/28/23
Cobalt	ND		mg/Kg	0.50	06/26/23	06/28/23
Copper	ND		mg/Kg	1.0	06/26/23	06/28/23
Lead	ND		mg/Kg	1.0	06/26/23	06/28/23
Molybdenum	ND		mg/Kg	1.0	06/26/23	06/28/23
Nickel	ND		mg/Kg	1.0	06/26/23	06/28/23
Selenium	ND		mg/Kg	3.0	06/26/23	06/28/23
Silver	ND		mg/Kg	0.50	06/26/23	06/28/23
Thallium	ND		mg/Kg	3.0	06/26/23	06/28/23
Vanadium	ND		mg/Kg	1.0	06/26/23	06/28/23
Zinc	ND		mg/Kg	5.0	06/26/23	06/28/23

Type: Lab Control Sample	Lab ID: QC1075801	Batch: 316915
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1075801 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	99.24	100.0	mg/Kg	99%		80-120
Barium	111.3	100.0	mg/Kg	111%		80-120
Beryllium	100.6	100.0	mg/Kg	101%		80-120
Cadmium	98.46	100.0	mg/Kg	98%		80-120
Chromium	108.1	100.0	mg/Kg	108%		80-120
Cobalt	107.3	100.0	mg/Kg	107%		80-120
Copper	102.4	100.0	mg/Kg	102%		80-120
Lead	110.1	100.0	mg/Kg	110%		80-120
Molybdenum	100.7	100.0	mg/Kg	101%		80-120
Nickel	110.4	100.0	mg/Kg	110%		80-120
Selenium	86.04	100.0	mg/Kg	86%		80-120
Silver	41.47	50.00	mg/Kg	83%		80-120
Thallium	108.5	100.0	mg/Kg	108%		80-120
Vanadium	99.64	100.0	mg/Kg	100%		80-120
Zinc	100.3	100.0	mg/Kg	100%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1075802	Batch: 316915
Matrix (Source ID): Soil (487439-007)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1075802 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	47.05	ND	95.24	mg/Kg	49%	*	75-125	0.95
Barium	167.9	69.12	95.24	mg/Kg	104%		75-125	0.95
Beryllium	95.73	0.3702	95.24	mg/Kg	100%		75-125	0.95
Cadmium	95.82	0.09524	95.24	mg/Kg	101%		75-125	0.95
Chromium	115.8	15.91	95.24	mg/Kg	105%		75-125	0.95
Cobalt	101.7	5.222	95.24	mg/Kg	101%		75-125	0.95
Copper	110.6	8.985	95.24	mg/Kg	107%		75-125	0.95
Lead	109.0	10.32	95.24	mg/Kg	104%		75-125	0.95
Molybdenum	93.81	0.6611	95.24	mg/Kg	98%		75-125	0.95
Nickel	108.0	9.929	95.24	mg/Kg	103%		75-125	0.95
Selenium	85.02	ND	95.24	mg/Kg	89%		75-125	0.95
Silver	38.78	ND	47.62	mg/Kg	81%		75-125	0.95
Thallium	98.92	ND	95.24	mg/Kg	104%		75-125	0.95
Vanadium	125.2	32.24	95.24	mg/Kg	98%		75-125	0.95
Zinc	142.7	49.55	95.24	mg/Kg	98%		75-125	0.95

Type: Matrix Spike Duplicate	Lab ID: QC1075803	Batch: 316915
Matrix (Source ID): Soil (487439-007)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1075803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	54.66	ND	96.15	mg/Kg	57%	*	75-125	14	41	0.96
Barium	186.7	69.12	96.15	mg/Kg	122%		75-125	10	20	0.96
Beryllium	99.95	0.3702	96.15	mg/Kg	104%		75-125	3	20	0.96
Cadmium	100.4	0.09524	96.15	mg/Kg	104%		75-125	4	20	0.96
Chromium	121.3	15.91	96.15	mg/Kg	110%		75-125	4	20	0.96
Cobalt	106.5	5.222	96.15	mg/Kg	105%		75-125	4	20	0.96
Copper	119.3	8.985	96.15	mg/Kg	115%		75-125	7	20	0.96
Lead	113.8	10.32	96.15	mg/Kg	108%		75-125	3	20	0.96
Molybdenum	99.10	0.6611	96.15	mg/Kg	102%		75-125	5	20	0.96
Nickel	113.4	9.929	96.15	mg/Kg	108%		75-125	4	20	0.96
Selenium	88.22	ND	96.15	mg/Kg	92%		75-125	3	20	0.96
Silver	40.20	ND	48.08	mg/Kg	84%		75-125	3	20	0.96
Thallium	102.0	ND	96.15	mg/Kg	106%		75-125	2	20	0.96
Vanadium	136.5	32.24	96.15	mg/Kg	108%		75-125	8	20	0.96
Zinc	150.2	49.55	96.15	mg/Kg	105%		75-125	4	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1075804	Batch: 316915
Matrix (Source ID): Soil (487439-007)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1075804 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	97.05	ND	98.04	mg/Kg	99%		75-125	0.98
Barium	170.5	69.12	98.04	mg/Kg	103%		75-125	0.98
Beryllium	95.42	0.3702	98.04	mg/Kg	97%		75-125	0.98
Cadmium	95.75	0.09524	98.04	mg/Kg	98%		75-125	0.98
Chromium	114.0	15.91	98.04	mg/Kg	100%		75-125	0.98
Cobalt	101.8	5.222	98.04	mg/Kg	98%		75-125	0.98
Copper	113.5	8.985	98.04	mg/Kg	107%		75-125	0.98
Lead	110.2	10.32	98.04	mg/Kg	102%		75-125	0.98
Molybdenum	97.53	0.6611	98.04	mg/Kg	99%		75-125	0.98
Nickel	108.3	9.929	98.04	mg/Kg	100%		75-125	0.98
Selenium	86.63	ND	98.04	mg/Kg	88%		75-125	0.98
Silver	40.28	ND	49.02	mg/Kg	82%		75-125	0.98
Thallium	99.78	ND	98.04	mg/Kg	102%		75-125	0.98
Vanadium	127.5	32.24	98.04	mg/Kg	97%		75-125	0.98
Zinc	143.0	49.55	98.04	mg/Kg	95%		75-125	0.98

Type: Blank	Lab ID: QC1075770	Batch: 316909
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1075770 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Arsenic	ND		mg/Kg	1.0	06/26/23	06/26/23

Type: Lab Control Sample	Lab ID: QC1075771	Batch: 316909
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1075771 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	103.0	100.0	mg/Kg	103%		80-120

Type: Matrix Spike	Lab ID: QC1075772	Batch: 316909
Matrix (Source ID): Soil (487400-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1075772 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	106.1	4.466	98.04	mg/Kg	104%		75-125	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1075773	Batch: 316909
Matrix (Source ID): Soil (487400-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1075773 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	99.39	4.466	95.24	mg/Kg	100%		75-125	4	20	0.95

Type: Post Digest Spike	Lab ID: QC1075774	Batch: 316909
Matrix (Source ID): Soil (487400-001)	Method: EPA 6020	Prep Method: EPA 3050B

QC1075774 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	102.5	4.466	99.01	mg/Kg	99%		75-125	0.99

Type: Blank	Lab ID: QC1075909	Batch: 316940
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1075909 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	06/26/23	06/27/23

Type: Lab Control Sample	Lab ID: QC1075910	Batch: 316940
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1075910 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8387	0.8333	mg/Kg	101%		80-120

Type: Matrix Spike	Lab ID: QC1075911	Batch: 316940
Matrix (Source ID): Soil (487291-001)	Method: EPA 7471A	Prep Method: METHOD

QC1075911 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.337	0.06994	0.9434	mg/Kg	134%	*	75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1075912	Batch: 316940
Matrix (Source ID): Soil (487291-001)	Method: EPA 7471A	Prep Method: METHOD

QC1075912 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.026	0.06994	0.9434	mg/Kg	101%		75-125	26*	20	1.1

Batch QC

Type: Lab Control Sample	Lab ID: QC1075875	Batch: 316932
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1075875 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	5.487	5.000	mg/Kg	110%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.2275	0.2000	mg/Kg	114%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1075876	Batch: 316932
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1075876 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	5.416	5.000	mg/Kg	108%		70-130	1	20
Surrogates								
Bromofluorobenzene (FID)	0.2253	0.2000	mg/Kg	113%		60-140		

Type: Blank	Lab ID: QC1075877	Batch: 316932
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1075877 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	75	06/26/23	06/26/23
Surrogates						
				Limits		
Bromofluorobenzene (FID)	88%		%REC	60-140	06/26/23	06/26/23

Type: Blank	Lab ID: QC1075878	Batch: 316932
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1075878 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	3.0	06/26/23	06/26/23
Surrogates						
				Limits		
Bromofluorobenzene (FID)	83%		%REC	60-140	06/26/23	06/26/23

Type: Blank	Lab ID: QC1076797	Batch: 317220
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076797 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	06/29/23	06/29/23
ORO C28-C44	ND		mg/Kg	10	06/29/23	06/29/23
Surrogates						
				Limits		
n-Triacontane	81%		%REC	70-130	06/29/23	06/29/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1076798	Batch: 317220
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076798 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	224.2	249.0	mg/Kg	90%		76-122
Surrogates						
n-Triacontane	8.172	9.960	mg/Kg	82%		70-130

Type: Matrix Spike	Lab ID: QC1076799	Batch: 317220
Matrix (Source ID): Soil (487578-003)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076799 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	256.5	152.1	249.1	mg/Kg	42%	*	62-126	1
Surrogates								
n-Triacontane	8.306		9.965	mg/Kg	83%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1076800	Batch: 317220
Matrix (Source ID): Soil (487578-003)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1076800 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	223.8	152.1	248.1	mg/Kg	29%	*	62-126	13	35	0.99
Surrogates										
n-Triacontane	8.259		9.926	mg/Kg	83%		70-130			0.99

Type: Lab Control Sample	Lab ID: QC1077424	Batch: 317409
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1077424 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.08	50.00	ug/Kg	106%		70-131
MTBE	50.12	50.00	ug/Kg	100%		69-130
Benzene	49.77	50.00	ug/Kg	100%		70-130
Trichloroethene	51.28	50.00	ug/Kg	103%		70-130
Toluene	51.91	50.00	ug/Kg	104%		70-130
Chlorobenzene	52.31	50.00	ug/Kg	105%		70-130
Surrogates						
Dibromofluoromethane	51.61	50.00	ug/Kg	103%		70-130
1,2-Dichloroethane-d4	50.74	50.00	ug/Kg	101%		70-145
Toluene-d8	50.09	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	50.81	50.00	ug/Kg	102%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1077425	Batch: 317409
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1077425 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.28	50.00	ug/Kg	105%		70-131	2	33
MTBE	48.69	50.00	ug/Kg	97%		69-130	3	30
Benzene	47.80	50.00	ug/Kg	96%		70-130	4	30
Trichloroethene	48.26	50.00	ug/Kg	97%		70-130	6	30
Toluene	49.67	50.00	ug/Kg	99%		70-130	4	30
Chlorobenzene	49.90	50.00	ug/Kg	100%		70-130	5	30
Surrogates								
Dibromofluoromethane	50.62	50.00	ug/Kg	101%		70-130		
1,2-Dichloroethane-d4	52.58	50.00	ug/Kg	105%		70-145		
Toluene-d8	50.43	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	50.75	50.00	ug/Kg	102%		70-145		

Batch QC

Type: Blank	Lab ID: QC1077428	Batch: 317409
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1077428 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	07/02/23	07/02/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/02/23	07/02/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/02/23	07/02/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	07/02/23	07/02/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	07/02/23	07/02/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	07/02/23	07/02/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	07/02/23	07/02/23
Freon 12	ND		ug/Kg	5.0	07/02/23	07/02/23
Chloromethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Vinyl Chloride	ND		ug/Kg	5.0	07/02/23	07/02/23
Bromomethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Chloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Trichlorofluoromethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Acetone	ND		ug/Kg	100	07/02/23	07/02/23
Freon 113	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1-Dichloroethene	ND		ug/Kg	5.0	07/02/23	07/02/23
Methylene Chloride	ND		ug/Kg	5.0	07/02/23	07/02/23
MTBE	ND		ug/Kg	5.0	07/02/23	07/02/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1-Dichloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
2-Butanone	ND		ug/Kg	100	07/02/23	07/02/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	07/02/23	07/02/23
2,2-Dichloropropane	ND		ug/Kg	5.0	07/02/23	07/02/23
Chloroform	ND		ug/Kg	5.0	07/02/23	07/02/23
Bromochloromethane	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1-Dichloropropene	ND		ug/Kg	5.0	07/02/23	07/02/23
Carbon Tetrachloride	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2-Dichloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Benzene	ND		ug/Kg	5.0	07/02/23	07/02/23
Trichloroethene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2-Dichloropropane	ND		ug/Kg	5.0	07/02/23	07/02/23
Bromodichloromethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Dibromomethane	ND		ug/Kg	5.0	07/02/23	07/02/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	07/02/23	07/02/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	07/02/23	07/02/23
Toluene	ND		ug/Kg	5.0	07/02/23	07/02/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
1,3-Dichloropropane	ND		ug/Kg	5.0	07/02/23	07/02/23
Tetrachloroethene	ND		ug/Kg	5.0	07/02/23	07/02/23
Dibromochloromethane	ND		ug/Kg	5.0	07/02/23	07/02/23

Batch QC

QC1077428 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Chlorobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
Ethylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
m,p-Xylenes	ND		ug/Kg	10	07/02/23	07/02/23
o-Xylene	ND		ug/Kg	5.0	07/02/23	07/02/23
Styrene	ND		ug/Kg	5.0	07/02/23	07/02/23
Bromoform	ND		ug/Kg	5.0	07/02/23	07/02/23
Isopropylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	07/02/23	07/02/23
Propylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
Bromobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
2-Chlorotoluene	ND		ug/Kg	5.0	07/02/23	07/02/23
4-Chlorotoluene	ND		ug/Kg	5.0	07/02/23	07/02/23
tert-Butylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
sec-Butylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
n-Butylbenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
Hexachlorobutadiene	ND		ug/Kg	5.0	07/02/23	07/02/23
Naphthalene	ND		ug/Kg	5.0	07/02/23	07/02/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	07/02/23	07/02/23
Xylene (total)	ND		ug/Kg	5.0	07/02/23	07/02/23
Surrogates				Limits		
Dibromofluoromethane	97%		%REC	70-130	07/02/23	07/02/23
1,2-Dichloroethane-d4	103%		%REC	70-145	07/02/23	07/02/23
Toluene-d8	100%		%REC	70-145	07/02/23	07/02/23
Bromofluorobenzene	96%		%REC	70-145	07/02/23	07/02/23

* Value is outside QC limits

ND Not Detected



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 489039
Report Level: II
Report Date: 07/31/2023

Analytical Report *prepared for:*

Skye Greene
CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592

Project: IRVING MS - 3010 Estara Ave., Los Angeles, CA 90065

Authorized for release by:

Ranjit K Clarke, Client Services Manager
(714) 771-9906
Ranjit.Clarke@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Skye Greene	Lab Job #:	489039
CES Group, Inc.	Project No:	IRVING MS
33175 Temecula Pkwy	Location:	3010 Estara Ave., Los Angeles, CA 90065
Ste. A-734	Date Received:	07/24/23
Temecula, CA 92592		

Sample ID	Lab ID	Collected	Matrix
TANK @ 10FT	489039-001	07/21/23 11:15	Soil
TANK @ 13FT-8IN	489039-002	07/21/23 12:40	Soil

Case Narrative

CES Group, Inc.
33175 Temecula Pkwy
Ste. A-734
Temecula, CA 92592
Skye Greene

Lab Job Number: 489039
Project No: IRVING MS
Location: 3010 Estara Ave., Los Angeles, CA 90065
Date Received: 07/24/23

This data package contains sample and QC results for two soil samples, requested for the above referenced project on 07/24/23. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD for batch 318839; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.



Enthalpy Analytical - Orange
 931 W. Barkley Avenue, Orange, CA 92868
 Phone 714-771-6900

Chain of Custody Record

Lab No: 489039

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard: X

3 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
 5.9/16
 (lab use only)

CUSTOMER INFORMATION

Company:	CES Group	Name:	Irving MS
Report To:	Skye Green	Quote #:	CES030223A
Email:	sgreen@cesgroup.co	P.O. #:	34423
Address:	33175 Temecula Pkwy, Suite A-734	Address:	3010 Estara Ave
	Temecula, CA 92592		Los Angeles, CA 90065
Phone:	714-398-6363	Global ID:	
Fax:	951-848-9812	Sampled By:	D. Baysa

PROJECT INFORMATION

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request	Test Instructions / Comments
1 Tank @ 10ft	07/21/23	11:15 AM	S	1/8oz, 5 VOAs	5035	Title 22 Metals EPA 6010B TPHgd EPA 8015M VOCs EPA 8260B	Hold
2 Tank @ 13ft-8in	07/21/23	12:40 PM	S	1/8oz, 5 VOAs	5035		
3							
4							
5							
6							
7							
8							
9							
10							

Signature

Jennifer Baysa
Georgia Silvestri

Print Name

Jennifer Baysa
 Georgia Silvestri

Company / Title

CES Group
 EA

Date / Time

07-24-23 / 13:48
 7/24/23 13:48

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: CES Group Project: Irving MS
 Date Received: 7/24/23 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler): _____
 Sample Temp (°C), One from each cooler: #1: 5.9 #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 1.6 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time: _____
 Email (email sent to/on): _____ / _____
 Project Manager's response: _____

Completed By: *Oliver Szyganski* Date: **JUL 24 2023**

Analysis Results for 489039

Skye Greene
 CES Group, Inc.
 33175 Temecula Pkwy
 Ste. A-734
 Temecula, CA 92592

Lab Job #: 489039
 Project No: IRVING MS
 Location: 3010 Estara Ave., Los Angeles, CA 90065
 Date Received: 07/24/23

Sample ID: TANK @ 10FT Lab ID: 489039-001 Collected: 07/21/23 11:15
Matrix: Soil

489039-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	3.0	1	318839	07/25/23	07/25/23	SBW
Arsenic	1.8		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Barium	85		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Beryllium	ND		mg/Kg	0.50	1	318839	07/25/23	07/25/23	SBW
Cadmium	ND		mg/Kg	0.50	1	318839	07/25/23	07/25/23	SBW
Chromium	14		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Cobalt	3.0		mg/Kg	0.50	1	318839	07/25/23	07/25/23	SBW
Copper	6.0		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Lead	3.0		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Molybdenum	ND		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Nickel	7.3		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Selenium	ND		mg/Kg	3.0	1	318839	07/25/23	07/25/23	SBW
Silver	ND		mg/Kg	0.50	1	318839	07/25/23	07/25/23	SBW
Thallium	ND		mg/Kg	3.0	1	318839	07/25/23	07/25/23	SBW
Vanadium	23		mg/Kg	1.0	1	318839	07/25/23	07/25/23	SBW
Zinc	19		mg/Kg	5.0	1	318839	07/25/23	07/25/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	318835	07/25/23	07/25/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
GRO C6-C10	ND		mg/Kg	3.9	1.3	318971	07/27/23	07/27/23	SXR
Surrogates	Limits								
Bromofluorobenzene (FID)	83%		%REC	60-140	1.3	318971	07/27/23	07/27/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	23		mg/Kg	9.9	0.99	318779	07/25/23	07/25/23	BJG
ORO C28-C44	ND		mg/Kg	9.9	0.99	318779	07/25/23	07/25/23	BJG
Surrogates	Limits								
n-Triacontane	98%		%REC	70-130	0.99	318779	07/25/23	07/25/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ

Analysis Results for 489039

489039-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Isopropyl Ether (DIPE)	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
tert-Butyl Alcohol (TBA)	ND		ug/Kg	11	1.1	318830	07/25/23	07/25/23	LYZ
Freon 12	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Chloromethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Vinyl Chloride	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Bromomethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Chloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Acetone	ND		ug/Kg	110	1.1	318830	07/25/23	07/25/23	LYZ
Freon 113	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Methylene Chloride	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
MTBE	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
2-Butanone	ND		ug/Kg	110	1.1	318830	07/25/23	07/25/23	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Chloroform	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Bromochloromethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Benzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Trichloroethene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Bromodichloromethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Dibromomethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Toluene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Tetrachloroethene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Dibromochloromethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Chlorobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Ethylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
m,p-Xylenes	ND		ug/Kg	11	1.1	318830	07/25/23	07/25/23	LYZ
o-Xylene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ

Analysis Results for 489039

489039-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Bromoform	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Isopropylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Propylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Bromobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
2-Chlorotoluene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
4-Chlorotoluene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
tert-Butylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
sec-Butylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
n-Butylbenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Naphthalene	15		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Xylene (total)	ND		ug/Kg	5.4	1.1	318830	07/25/23	07/25/23	LYZ
Surrogates				Limits					
Dibromofluoromethane	94%		%REC	70-145	1.1	318830	07/25/23	07/25/23	LYZ
1,2-Dichloroethane-d4	89%		%REC	70-145	1.1	318830	07/25/23	07/25/23	LYZ
Toluene-d8	96%		%REC	70-145	1.1	318830	07/25/23	07/25/23	LYZ
Bromofluorobenzene	100%		%REC	70-145	1.1	318830	07/25/23	07/25/23	LYZ

Analysis Results for 489039

Sample ID: TANK @ 13FT-8IN	Lab ID: 489039-002	Collected: 07/21/23 12:40
Matrix: Soil		

489039-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Antimony	ND		mg/Kg	2.9	0.95	318839	07/25/23	07/25/23	SBW
Arsenic	2.0		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Barium	110		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Beryllium	ND		mg/Kg	0.48	0.95	318839	07/25/23	07/25/23	SBW
Cadmium	ND		mg/Kg	0.48	0.95	318839	07/25/23	07/25/23	SBW
Chromium	18		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Cobalt	3.9		mg/Kg	0.48	0.95	318839	07/25/23	07/25/23	SBW
Copper	8.0		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Lead	5.5		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Molybdenum	ND		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Nickel	10		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Selenium	ND		mg/Kg	2.9	0.95	318839	07/25/23	07/25/23	SBW
Silver	ND		mg/Kg	0.48	0.95	318839	07/25/23	07/25/23	SBW
Thallium	ND		mg/Kg	2.9	0.95	318839	07/25/23	07/25/23	SBW
Vanadium	31		mg/Kg	0.95	0.95	318839	07/25/23	07/25/23	SBW
Zinc	26		mg/Kg	4.8	0.95	318839	07/25/23	07/25/23	SBW
Method: EPA 7471A Prep Method: METHOD									
Mercury	ND		mg/Kg	0.15	1.1	318835	07/25/23	07/25/23	KAM
Method: EPA 8015B Prep Method: EPA 5035									
GRO C6-C10	77		mg/Kg	52	17	318971	07/27/23	07/27/23	SXR
Surrogates			Limits						
Bromofluorobenzene (FID)	93%		%REC	60-140	17	318971	07/27/23	07/27/23	SXR
Method: EPA 8015M Prep Method: EPA 3580M									
DRO C10-C28	3,400		mg/Kg	99	9.9	318779	07/25/23	07/25/23	BJG
ORO C28-C44	140		mg/Kg	99	9.9	318779	07/25/23	07/25/23	BJG
Surrogates			Limits						
n-Triacontane		DO	%REC	70-130	9.9	318779	07/25/23	07/25/23	BJG
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Isopropyl Ether (DIPE)	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
tert-Butyl Alcohol (TBA)	ND		ug/Kg	350	35	318837	07/25/23	07/25/23	TCN
Freon 12	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN

Analysis Results for 489039

489039-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Vinyl Chloride	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Bromomethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Chloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Trichlorofluoromethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Acetone	ND		ug/Kg	3,500	35	318837	07/25/23	07/25/23	TCN
Freon 113	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1-Dichloroethene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Methylene Chloride	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
MTBE	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1-Dichloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
2-Butanone	ND		ug/Kg	3,500	35	318837	07/25/23	07/25/23	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
2,2-Dichloropropane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Chloroform	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Bromochloromethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1,1-Trichloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1-Dichloropropene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Carbon Tetrachloride	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2-Dichloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Benzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Trichloroethene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2-Dichloropropane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Bromodichloromethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Dibromomethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Toluene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1,2-Trichloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,3-Dichloropropane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Tetrachloroethene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Dibromochloromethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2-Dibromoethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Chlorobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Ethylbenzene	280		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
m,p-Xylenes	570		ug/Kg	350	35	318837	07/25/23	07/25/23	TCN
o-Xylene	420		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Styrene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Bromoform	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Isopropylbenzene	190		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2,3-Trichloropropane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Propylbenzene	460		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN

Analysis Results for 489039

489039-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Bromobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,3,5-Trimethylbenzene	920		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
2-Chlorotoluene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
4-Chlorotoluene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
tert-Butylbenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2,4-Trimethylbenzene	4,500		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
sec-Butylbenzene	490		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
para-Isopropyl Toluene	660		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,3-Dichlorobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,4-Dichlorobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
n-Butylbenzene	880		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2-Dichlorobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Hexachlorobutadiene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Naphthalene	8,800		ug/Kg	870	170	318837	07/25/23	07/25/23	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Xylene (total)	990		ug/Kg	170	35	318837	07/25/23	07/25/23	TCN
Surrogates				Limits					
Dibromofluoromethane	86%		%REC	70-145	35	318837	07/25/23	07/25/23	TCN
1,2-Dichloroethane-d4	82%		%REC	70-145	35	318837	07/25/23	07/25/23	TCN
Toluene-d8	98%		%REC	70-145	35	318837	07/25/23	07/25/23	TCN
Bromofluorobenzene	95%		%REC	70-145	35	318837	07/25/23	07/25/23	TCN

DO Diluted Out
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1081958	Batch: 318839
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1081958 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	07/25/23	07/25/23
Arsenic	ND		mg/Kg	1.0	07/25/23	07/25/23
Barium	ND		mg/Kg	1.0	07/25/23	07/25/23
Beryllium	ND		mg/Kg	0.50	07/25/23	07/25/23
Cadmium	ND		mg/Kg	0.50	07/25/23	07/25/23
Chromium	ND		mg/Kg	1.0	07/25/23	07/25/23
Cobalt	ND		mg/Kg	0.50	07/25/23	07/25/23
Copper	ND		mg/Kg	1.0	07/25/23	07/25/23
Lead	ND		mg/Kg	1.0	07/25/23	07/25/23
Molybdenum	ND		mg/Kg	1.0	07/25/23	07/25/23
Nickel	ND		mg/Kg	1.0	07/25/23	07/25/23
Selenium	ND		mg/Kg	3.0	07/25/23	07/25/23
Silver	ND		mg/Kg	0.50	07/25/23	07/25/23
Thallium	ND		mg/Kg	3.0	07/25/23	07/25/23
Vanadium	ND		mg/Kg	1.0	07/25/23	07/25/23
Zinc	ND		mg/Kg	5.0	07/25/23	07/25/23

Type: Lab Control Sample	Lab ID: QC1081959	Batch: 318839
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1081959 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	96.90	100.0	mg/Kg	97%		80-120
Arsenic	99.74	100.0	mg/Kg	100%		80-120
Barium	100.1	100.0	mg/Kg	100%		80-120
Beryllium	101.1	100.0	mg/Kg	101%		80-120
Cadmium	98.82	100.0	mg/Kg	99%		80-120
Chromium	98.65	100.0	mg/Kg	99%		80-120
Cobalt	99.80	100.0	mg/Kg	100%		80-120
Copper	99.31	100.0	mg/Kg	99%		80-120
Lead	107.6	100.0	mg/Kg	108%		80-120
Molybdenum	98.65	100.0	mg/Kg	99%		80-120
Nickel	99.99	100.0	mg/Kg	100%		80-120
Selenium	94.44	100.0	mg/Kg	94%		80-120
Silver	47.13	50.00	mg/Kg	94%		80-120
Thallium	99.93	100.0	mg/Kg	100%		80-120
Vanadium	100.3	100.0	mg/Kg	100%		80-120
Zinc	101.5	100.0	mg/Kg	102%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1081960	Batch: 318839
Matrix (Source ID): Soil (489051-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1081960 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	23.00	ND	99.01	mg/Kg	23%	*	75-125	0.99
Arsenic	102.4	6.708	99.01	mg/Kg	97%		75-125	0.99
Barium	238.4	144.9	99.01	mg/Kg	94%		75-125	0.99
Beryllium	97.43	0.4699	99.01	mg/Kg	98%		75-125	0.99
Cadmium	93.10	0.2164	99.01	mg/Kg	94%		75-125	0.99
Chromium	120.1	25.87	99.01	mg/Kg	95%		75-125	0.99
Cobalt	103.5	10.42	99.01	mg/Kg	94%		75-125	0.99
Copper	125.6	23.88	99.01	mg/Kg	103%		75-125	0.99
Lead	105.0	7.604	99.01	mg/Kg	98%		75-125	0.99
Molybdenum	91.14	0.2404	99.01	mg/Kg	92%		75-125	0.99
Nickel	113.4	19.90	99.01	mg/Kg	94%		75-125	0.99
Selenium	90.15	0.4721	99.01	mg/Kg	91%		75-125	0.99
Silver	45.79	ND	49.50	mg/Kg	93%		75-125	0.99
Thallium	90.11	ND	99.01	mg/Kg	91%		75-125	0.99
Vanadium	148.7	48.69	99.01	mg/Kg	101%		75-125	0.99
Zinc	148.2	56.37	99.01	mg/Kg	93%		75-125	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1081961	Batch: 318839
Matrix (Source ID): Soil (489051-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1081961 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Antimony	23.84	ND	100.0	mg/Kg	24%	*	75-125	3	41	1
Arsenic	106.3	6.708	100.0	mg/Kg	100%		75-125	3	35	1
Barium	247.7	144.9	100.0	mg/Kg	103%		75-125	3	20	1
Beryllium	101.2	0.4699	100.0	mg/Kg	101%		75-125	3	20	1
Cadmium	96.40	0.2164	100.0	mg/Kg	96%		75-125	2	20	1
Chromium	123.9	25.87	100.0	mg/Kg	98%		75-125	2	20	1
Cobalt	106.7	10.42	100.0	mg/Kg	96%		75-125	2	20	1
Copper	129.9	23.88	100.0	mg/Kg	106%		75-125	3	20	1
Lead	109.7	7.604	100.0	mg/Kg	102%		75-125	3	20	1
Molybdenum	95.11	0.2404	100.0	mg/Kg	95%		75-125	3	20	1
Nickel	116.8	19.90	100.0	mg/Kg	97%		75-125	2	20	1
Selenium	93.63	0.4721	100.0	mg/Kg	93%		75-125	3	20	1
Silver	47.57	ND	50.00	mg/Kg	95%		75-125	3	20	1
Thallium	93.96	ND	100.0	mg/Kg	94%		75-125	3	20	1
Vanadium	152.7	48.69	100.0	mg/Kg	104%		75-125	2	20	1
Zinc	152.9	56.37	100.0	mg/Kg	97%		75-125	2	20	1

Batch QC

Type: Post Digest Spike	Lab ID: QC1081962	Batch: 318839
Matrix (Source ID): Soil (489051-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1081962 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	103.4	ND	98.04	mg/Kg	105%		75-125	0.98
Arsenic	110.6	6.708	98.04	mg/Kg	106%		75-125	0.98
Barium	245.0	144.9	98.04	mg/Kg	102%		75-125	0.98
Beryllium	104.2	0.4699	98.04	mg/Kg	106%		75-125	0.98
Cadmium	99.67	0.2164	98.04	mg/Kg	101%		75-125	0.98
Chromium	125.1	25.87	98.04	mg/Kg	101%		75-125	0.98
Cobalt	109.6	10.42	98.04	mg/Kg	101%		75-125	0.98
Copper	131.6	23.88	98.04	mg/Kg	110%		75-125	0.98
Lead	113.8	7.604	98.04	mg/Kg	108%		75-125	0.98
Molybdenum	104.4	0.2404	98.04	mg/Kg	106%		75-125	0.98
Nickel	119.0	19.90	98.04	mg/Kg	101%		75-125	0.98
Selenium	99.51	0.4721	98.04	mg/Kg	101%		75-125	0.98
Silver	51.22	ND	49.02	mg/Kg	104%		75-125	0.98
Thallium	98.44	ND	98.04	mg/Kg	100%		75-125	0.98
Vanadium	151.8	48.69	98.04	mg/Kg	105%		75-125	0.98
Zinc	153.1	56.37	98.04	mg/Kg	99%		75-125	0.98

Type: Blank	Lab ID: QC1081940	Batch: 318835
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1081940 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	07/25/23	07/25/23

Type: Lab Control Sample	Lab ID: QC1081941	Batch: 318835
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1081941 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8151	0.8333	mg/Kg	98%		80-120

Type: Matrix Spike	Lab ID: QC1081942	Batch: 318835
Matrix (Source ID): Soil (489030-001)	Method: EPA 7471A	Prep Method: METHOD

QC1081942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.9241	0.01743	0.9259	mg/Kg	98%		75-125	1.1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1081943	Batch: 318835
Matrix (Source ID): Soil (489030-001)	Method: EPA 7471A	Prep Method: METHOD

QC1081943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	0.9307	0.01743	0.9259	mg/Kg	99%		75-125	1	20	1.1

Type: Lab Control Sample	Lab ID: QC1082378	Batch: 318971
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1082378 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
TPH Gasoline	6.053	5.000	mg/Kg	121%		70-130
Surrogates						
Bromofluorobenzene (FID)	0.1820	0.2000	mg/Kg	91%		60-140

Type: Lab Control Sample Duplicate	Lab ID: QC1082379	Batch: 318971
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1082379 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
TPH Gasoline	5.918	5.000	mg/Kg	118%		70-130	2	20
Surrogates								
Bromofluorobenzene (FID)	0.1775	0.2000	mg/Kg	89%		60-140		

Type: Blank	Lab ID: QC1082380	Batch: 318971
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1082380 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	75	07/26/23	07/26/23
Surrogates						
Bromofluorobenzene (FID)	82%		%REC	60-140	07/26/23	07/26/23

Type: Blank	Lab ID: QC1082381	Batch: 318971
Matrix: Soil	Method: EPA 8015B	Prep Method: EPA 5035

QC1082381 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
GRO C6-C10	ND		mg/Kg	3.0	07/26/23	07/26/23
Surrogates						
Bromofluorobenzene (FID)	84%		%REC	60-140	07/26/23	07/26/23

Batch QC

Type: Blank	Lab ID: QC1081771	Batch: 318779
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1081771 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
DRO C10-C28	ND		mg/Kg	10	07/24/23	07/24/23
ORO C28-C44	ND		mg/Kg	10	07/24/23	07/24/23
Surrogates				Limits		
n-Triacontane	103%		%REC	70-130	07/24/23	07/24/23

Type: Lab Control Sample	Lab ID: QC1081772	Batch: 318779
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1081772 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	229.2	249.0	mg/Kg	92%		76-122
Surrogates						
n-Triacontane	9.689	9.960	mg/Kg	97%		70-130

Type: Matrix Spike	Lab ID: QC1081773	Batch: 318779
Matrix (Source ID): Soil (488977-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1081773 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	243.9	40.64	249.8	mg/Kg	81%		62-126	2
Surrogates								
n-Triacontane	9.292		9.990	mg/Kg	93%		70-130	2

Type: Matrix Spike Duplicate	Lab ID: QC1081774	Batch: 318779
Matrix (Source ID): Soil (488977-004)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1081774 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	235.9	40.64	249.1	mg/Kg	78%		62-126	3	35	2
Surrogates										
n-Triacontane	9.397		9.965	mg/Kg	94%		70-130			2

Batch QC

Type: Lab Control Sample	Lab ID: QC1081914	Batch: 318830
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.02	50.00	ug/Kg	86%		70-131
MTBE	39.80	50.00	ug/Kg	80%		69-130
Benzene	45.78	50.00	ug/Kg	92%		70-130
Trichloroethene	47.59	50.00	ug/Kg	95%		70-130
Toluene	45.81	50.00	ug/Kg	92%		70-130
Chlorobenzene	46.14	50.00	ug/Kg	92%		70-130
Surrogates						
Dibromofluoromethane	46.26	50.00	ug/Kg	93%		70-130
1,2-Dichloroethane-d4	41.68	50.00	ug/Kg	83%		70-145
Toluene-d8	48.83	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	50.00	50.00	ug/Kg	100%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1081915	Batch: 318830
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081915 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	43.21	50.00	ug/Kg	86%		70-131	0	33
MTBE	40.11	50.00	ug/Kg	80%		69-130	1	30
Benzene	45.82	50.00	ug/Kg	92%		70-130	0	30
Trichloroethene	46.99	50.00	ug/Kg	94%		70-130	1	30
Toluene	45.88	50.00	ug/Kg	92%		70-130	0	30
Chlorobenzene	45.76	50.00	ug/Kg	92%		70-130	1	30
Surrogates								
Dibromofluoromethane	46.38	50.00	ug/Kg	93%		70-130		
1,2-Dichloroethane-d4	42.39	50.00	ug/Kg	85%		70-145		
Toluene-d8	49.30	50.00	ug/Kg	99%		70-145		
Bromofluorobenzene	49.80	50.00	ug/Kg	100%		70-145		

Batch QC

Type: Blank	Lab ID: QC1081920	Batch: 318830
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081920 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	07/24/23	07/24/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/24/23	07/24/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/24/23	07/24/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	07/24/23	07/24/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	07/24/23	07/24/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	07/24/23	07/24/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	07/24/23	07/24/23
Freon 12	ND		ug/Kg	5.0	07/24/23	07/24/23
Chloromethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Vinyl Chloride	ND		ug/Kg	5.0	07/24/23	07/24/23
Bromomethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Chloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Trichlorofluoromethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Acetone	ND		ug/Kg	100	07/24/23	07/24/23
Freon 113	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1-Dichloroethene	ND		ug/Kg	5.0	07/24/23	07/24/23
Methylene Chloride	ND		ug/Kg	5.0	07/24/23	07/24/23
MTBE	ND		ug/Kg	5.0	07/24/23	07/24/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1-Dichloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
2-Butanone	ND		ug/Kg	100	07/24/23	07/24/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	07/24/23	07/24/23
2,2-Dichloropropane	ND		ug/Kg	5.0	07/24/23	07/24/23
Chloroform	ND		ug/Kg	5.0	07/24/23	07/24/23
Bromochloromethane	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1-Dichloropropene	ND		ug/Kg	5.0	07/24/23	07/24/23
Carbon Tetrachloride	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2-Dichloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Benzene	ND		ug/Kg	5.0	07/24/23	07/24/23
Trichloroethene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2-Dichloropropane	ND		ug/Kg	5.0	07/24/23	07/24/23
Bromodichloromethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Dibromomethane	ND		ug/Kg	5.0	07/24/23	07/24/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	07/24/23	07/24/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	07/24/23	07/24/23
Toluene	ND		ug/Kg	5.0	07/24/23	07/24/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
1,3-Dichloropropane	ND		ug/Kg	5.0	07/24/23	07/24/23
Tetrachloroethene	ND		ug/Kg	5.0	07/24/23	07/24/23
Dibromochloromethane	ND		ug/Kg	5.0	07/24/23	07/24/23

Batch QC

QC1081920 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Chlorobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
Ethylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
m,p-Xylenes	ND		ug/Kg	10	07/24/23	07/24/23
o-Xylene	ND		ug/Kg	5.0	07/24/23	07/24/23
Styrene	ND		ug/Kg	5.0	07/24/23	07/24/23
Bromoform	ND		ug/Kg	5.0	07/24/23	07/24/23
Isopropylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	07/24/23	07/24/23
Propylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
Bromobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
2-Chlorotoluene	ND		ug/Kg	5.0	07/24/23	07/24/23
4-Chlorotoluene	ND		ug/Kg	5.0	07/24/23	07/24/23
tert-Butylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
sec-Butylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
n-Butylbenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
Hexachlorobutadiene	ND		ug/Kg	5.0	07/24/23	07/24/23
Naphthalene	ND		ug/Kg	5.0	07/24/23	07/24/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	07/24/23	07/24/23
Xylene (total)	ND		ug/Kg	5.0	07/24/23	07/24/23
Surrogates				Limits		
Dibromofluoromethane	91%		%REC	70-130	07/24/23	07/24/23
1,2-Dichloroethane-d4	81%		%REC	70-145	07/24/23	07/24/23
Toluene-d8	95%		%REC	70-145	07/24/23	07/24/23
Bromofluorobenzene	99%		%REC	70-145	07/24/23	07/24/23

Batch QC

Type: Lab Control Sample	Lab ID: QC1081951	Batch: 318837
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081951 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	44.87	50.00	ug/Kg	90%		70-131
MTBE	40.08	50.00	ug/Kg	80%		69-130
Benzene	46.13	50.00	ug/Kg	92%		70-130
Trichloroethene	47.79	50.00	ug/Kg	96%		70-130
Toluene	47.15	50.00	ug/Kg	94%		70-130
Chlorobenzene	47.25	50.00	ug/Kg	95%		70-130
Surrogates						
Dibromofluoromethane	47.70	50.00	ug/Kg	95%		70-130
1,2-Dichloroethane-d4	42.17	50.00	ug/Kg	84%		70-145
Toluene-d8	48.82	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	50.26	50.00	ug/Kg	101%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1081952	Batch: 318837
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081952 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim
1,1-Dichloroethene	41.91	50.00	ug/Kg	84%		70-131	7	33
MTBE	38.29	50.00	ug/Kg	77%		69-130	5	30
Benzene	45.21	50.00	ug/Kg	90%		70-130	2	30
Trichloroethene	47.37	50.00	ug/Kg	95%		70-130	1	30
Toluene	44.95	50.00	ug/Kg	90%		70-130	5	30
Chlorobenzene	45.02	50.00	ug/Kg	90%		70-130	5	30
Surrogates								
Dibromofluoromethane	46.03	50.00	ug/Kg	92%		70-130		
1,2-Dichloroethane-d4	41.78	50.00	ug/Kg	84%		70-145		
Toluene-d8	48.65	50.00	ug/Kg	97%		70-145		
Bromofluorobenzene	49.78	50.00	ug/Kg	100%		70-145		

Batch QC

Type: Blank	Lab ID: QC1081956	Batch: 318837
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081956 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	07/25/23	07/25/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/25/23	07/25/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	07/25/23	07/25/23
Isopropyl Ether (DIPE)	ND		ug/Kg	5.0	07/25/23	07/25/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	5.0	07/25/23	07/25/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	5.0	07/25/23	07/25/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	10	07/25/23	07/25/23
Freon 12	ND		ug/Kg	5.0	07/25/23	07/25/23
Chloromethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Vinyl Chloride	ND		ug/Kg	5.0	07/25/23	07/25/23
Bromomethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Chloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Trichlorofluoromethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Acetone	ND		ug/Kg	100	07/25/23	07/25/23
Freon 113	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1-Dichloroethene	ND		ug/Kg	5.0	07/25/23	07/25/23
Methylene Chloride	ND		ug/Kg	5.0	07/25/23	07/25/23
MTBE	ND		ug/Kg	5.0	07/25/23	07/25/23
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1-Dichloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
2-Butanone	ND		ug/Kg	100	07/25/23	07/25/23
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	07/25/23	07/25/23
2,2-Dichloropropane	ND		ug/Kg	5.0	07/25/23	07/25/23
Chloroform	ND		ug/Kg	5.0	07/25/23	07/25/23
Bromochloromethane	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1,1-Trichloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1-Dichloropropene	ND		ug/Kg	5.0	07/25/23	07/25/23
Carbon Tetrachloride	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2-Dichloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Benzene	ND		ug/Kg	5.0	07/25/23	07/25/23
Trichloroethene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2-Dichloropropane	ND		ug/Kg	5.0	07/25/23	07/25/23
Bromodichloromethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Dibromomethane	ND		ug/Kg	5.0	07/25/23	07/25/23
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	07/25/23	07/25/23
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	07/25/23	07/25/23
Toluene	ND		ug/Kg	5.0	07/25/23	07/25/23
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1,2-Trichloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
1,3-Dichloropropane	ND		ug/Kg	5.0	07/25/23	07/25/23
Tetrachloroethene	ND		ug/Kg	5.0	07/25/23	07/25/23
Dibromochloromethane	ND		ug/Kg	5.0	07/25/23	07/25/23

Batch QC

QC1081956 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Chlorobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
Ethylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
m,p-Xylenes	ND		ug/Kg	10	07/25/23	07/25/23
o-Xylene	ND		ug/Kg	5.0	07/25/23	07/25/23
Styrene	ND		ug/Kg	5.0	07/25/23	07/25/23
Bromoform	ND		ug/Kg	5.0	07/25/23	07/25/23
Isopropylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2,3-Trichloropropane	ND		ug/Kg	5.0	07/25/23	07/25/23
Propylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
Bromobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
2-Chlorotoluene	ND		ug/Kg	5.0	07/25/23	07/25/23
4-Chlorotoluene	ND		ug/Kg	5.0	07/25/23	07/25/23
tert-Butylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
sec-Butylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
para-Isopropyl Toluene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,3-Dichlorobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,4-Dichlorobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
n-Butylbenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2-Dichlorobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
Hexachlorobutadiene	ND		ug/Kg	5.0	07/25/23	07/25/23
Naphthalene	ND		ug/Kg	5.0	07/25/23	07/25/23
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	07/25/23	07/25/23
Xylene (total)	ND		ug/Kg	5.0	07/25/23	07/25/23
Surrogates				Limits		
Dibromofluoromethane	89%		%REC	70-130	07/25/23	07/25/23
1,2-Dichloroethane-d4	83%		%REC	70-145	07/25/23	07/25/23
Toluene-d8	96%		%REC	70-145	07/25/23	07/25/23
Bromofluorobenzene	100%		%REC	70-145	07/25/23	07/25/23

Batch QC

Type: Blank	Lab ID: QC1081957	Batch: 318837
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1081957 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	07/25/23	07/25/23
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	07/25/23	07/25/23
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	07/25/23	07/25/23
Isopropyl Ether (DIPE)	ND		ug/Kg	250	07/25/23	07/25/23
Ethyl tert-Butyl Ether (ETBE)	ND		ug/Kg	250	07/25/23	07/25/23
Methyl tert-Amyl Ether (TAME)	ND		ug/Kg	250	07/25/23	07/25/23
tert-Butyl Alcohol (TBA)	ND		ug/Kg	500	07/25/23	07/25/23
Freon 12	ND		ug/Kg	250	07/25/23	07/25/23
Chloromethane	ND		ug/Kg	250	07/25/23	07/25/23
Vinyl Chloride	ND		ug/Kg	250	07/25/23	07/25/23
Bromomethane	ND		ug/Kg	250	07/25/23	07/25/23
Chloroethane	ND		ug/Kg	250	07/25/23	07/25/23
Trichlorofluoromethane	ND		ug/Kg	250	07/25/23	07/25/23
Acetone	ND		ug/Kg	5,000	07/25/23	07/25/23
Freon 113	ND		ug/Kg	250	07/25/23	07/25/23
1,1-Dichloroethene	ND		ug/Kg	250	07/25/23	07/25/23
Methylene Chloride	ND		ug/Kg	250	07/25/23	07/25/23
MTBE	ND		ug/Kg	250	07/25/23	07/25/23
trans-1,2-Dichloroethene	ND		ug/Kg	250	07/25/23	07/25/23
1,1-Dichloroethane	ND		ug/Kg	250	07/25/23	07/25/23
2-Butanone	ND		ug/Kg	5,000	07/25/23	07/25/23
cis-1,2-Dichloroethene	ND		ug/Kg	250	07/25/23	07/25/23
2,2-Dichloropropane	ND		ug/Kg	250	07/25/23	07/25/23
Chloroform	ND		ug/Kg	250	07/25/23	07/25/23
Bromochloromethane	ND		ug/Kg	250	07/25/23	07/25/23
1,1,1-Trichloroethane	ND		ug/Kg	250	07/25/23	07/25/23
1,1-Dichloropropene	ND		ug/Kg	250	07/25/23	07/25/23
Carbon Tetrachloride	ND		ug/Kg	250	07/25/23	07/25/23
1,2-Dichloroethane	ND		ug/Kg	250	07/25/23	07/25/23
Benzene	ND		ug/Kg	250	07/25/23	07/25/23
Trichloroethene	ND		ug/Kg	250	07/25/23	07/25/23
1,2-Dichloropropane	ND		ug/Kg	250	07/25/23	07/25/23
Bromodichloromethane	ND		ug/Kg	250	07/25/23	07/25/23
Dibromomethane	ND		ug/Kg	250	07/25/23	07/25/23
4-Methyl-2-Pentanone	ND		ug/Kg	250	07/25/23	07/25/23
cis-1,3-Dichloropropene	ND		ug/Kg	250	07/25/23	07/25/23
Toluene	ND		ug/Kg	250	07/25/23	07/25/23
trans-1,3-Dichloropropene	ND		ug/Kg	250	07/25/23	07/25/23
1,1,2-Trichloroethane	ND		ug/Kg	250	07/25/23	07/25/23
1,3-Dichloropropane	ND		ug/Kg	250	07/25/23	07/25/23
Tetrachloroethene	ND		ug/Kg	250	07/25/23	07/25/23
Dibromochloromethane	ND		ug/Kg	250	07/25/23	07/25/23

Batch QC

QC1081957 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ug/Kg	250	07/25/23	07/25/23
Chlorobenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	07/25/23	07/25/23
Ethylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
m,p-Xylenes	ND		ug/Kg	500	07/25/23	07/25/23
o-Xylene	ND		ug/Kg	250	07/25/23	07/25/23
Styrene	ND		ug/Kg	250	07/25/23	07/25/23
Bromoform	ND		ug/Kg	250	07/25/23	07/25/23
Isopropylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	07/25/23	07/25/23
1,2,3-Trichloropropane	ND		ug/Kg	250	07/25/23	07/25/23
Propylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
Bromobenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,3,5-Trimethylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
2-Chlorotoluene	ND		ug/Kg	250	07/25/23	07/25/23
4-Chlorotoluene	ND		ug/Kg	250	07/25/23	07/25/23
tert-Butylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,2,4-Trimethylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
sec-Butylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
para-Isopropyl Toluene	ND		ug/Kg	250	07/25/23	07/25/23
1,3-Dichlorobenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,4-Dichlorobenzene	ND		ug/Kg	250	07/25/23	07/25/23
n-Butylbenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,2-Dichlorobenzene	ND		ug/Kg	250	07/25/23	07/25/23
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	07/25/23	07/25/23
1,2,4-Trichlorobenzene	ND		ug/Kg	250	07/25/23	07/25/23
Hexachlorobutadiene	ND		ug/Kg	250	07/25/23	07/25/23
Naphthalene	ND		ug/Kg	250	07/25/23	07/25/23
1,2,3-Trichlorobenzene	ND		ug/Kg	250	07/25/23	07/25/23
Xylene (total)	ND		ug/Kg	250	07/25/23	07/25/23
Surrogates				Limits		
Dibromofluoromethane	93%		%REC	70-130	07/25/23	07/25/23
1,2-Dichloroethane-d4	85%		%REC	70-145	07/25/23	07/25/23
Toluene-d8	95%		%REC	70-145	07/25/23	07/25/23
Bromofluorobenzene	97%		%REC	70-145	07/25/23	07/25/23

* Value is outside QC limits
 ND Not Detected



NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT

TO: Agencies, Organizations, Property Owners, and Interested Parties

PROJECT TITLE: Irving Middle School Major Modernization Project

SUBJECT: Notice of Preparation of an Environmental Impact Report

NOTICE IS HEREBY GIVEN that the Los Angeles Unified School District (LAUSD or District), as Lead Agency for the Project, has prepared an Initial Study for the Irving Middle School Major Modernization Project, pursuant to the California Environmental Quality Act (CEQA) (Public Resources Code [PRC], Division 13, Section 21000 et seq. [CEQA Statute] and the California Code of Regulations [CCR], Title 14, Division 6, Chapter 3, Section 15000 et seq. [CEQA Guidelines]). An Initial Study is a detailed informational document that analyzes a proposed project's potentially significant environmental impacts. The purpose of this notice is to solicit comments regarding the content of the Draft Environmental Impact Report (EIR).

PROJECT LOCATION: The 11.2-acre Irving Middle School (Irving MS) Campus is located at 3010 Estara Avenue, Los Angeles, Los Angeles County, California.

PROJECT DESCRIPTION: The proposed Project involves building replacement and reconfiguration on the Irving MS Campus as part of LAUSD's update to the School Upgrade Program (SUP). The scope consists of the modernization of the Campus to facilitate a safe and secure campus that is better aligned with the current instructional program and meets current Division of the State Architect (DSA) requirements and educational specifications. The proposed Project includes the demolition of the three permanent classroom buildings located directly over an identified earthquake fault (Homemaking Building, Classroom Building, and Administration Building) and the removal of six portable bungalow buildings in the northwest corner of the site. These buildings would be replaced by the construction of one, approximately 55,000-square-foot, two-story building that would house 19 classrooms and support spaces, administration offices, library, and other building service spaces. Additionally, the proposed Project would include a new Maintenance and Operation (M&O) building and two modular classrooms to be used by the City of Angeles Community School. The proposed Project also includes essential upgrades including seismic retrofit of the existing Auditorium Building outside of the earthquake fault, the removal of barriers as well as other accessibility upgrades, and various landscape and hardscape improvements. While the Project would reduce the total number of standard classrooms on the campus from 65 to 46 to accommodate the long-term needs of the school and community, it would provide additional outdoor learning and gathering spaces for its students.

POTENTIAL ENVIRONMENTAL EFFECTS: Pursuant to CEQA Guidelines Section 15064(f)(1), and, based on the environmental analysis in the Initial Study, the District has determined that an EIR is the appropriate level of environmental documentation for the Project. The analysis in the Initial Study has determined that the Project would not have the potential to cause significant impacts related to aesthetics, agriculture/forestry resources, biological resources, energy, geology/soils, greenhouse gas emissions, hydrology/water quality, land use/planning, mineral resources, population/housing, public services, recreation, tribal cultural resources, utilities/service systems, and wildfire. The focus of the EIR will be on the potential significant effects of the Project related to air quality, cultural resources, hazards & hazardous materials, noise, pedestrian safety, and transportation & traffic.

PUBLIC SCOPING PERIOD: LAUSD will make this NOP and the Initial Study (pursuant to California Code of Regulations, Title 14, Section 15082) available for public review and comment from **December 1, 2023, to January 5, 2024**.

RESPONSES AND COMMENTS: Please indicate a contact person for your agency or organization and send your comments to:

Los Angeles Unified School District
Office of Environmental Health and Safety
Attention: Mr. Julian Capata, CEQA Project Manager
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017
Email: CEQA-comments@lausd.net

Please include "Irving MS Major Mod" in the subject line

PUBLIC MEETING: LAUSD will hold a public scoping meeting on **Wednesday, December 6, 2023 at 6:00 PM in the Irving Middle School Auditorium**, 3010 Estara Avenue, Los Angeles, California 90065. All agencies, organizations, and interested parties are encouraged to attend.

DOCUMENT AVAILABILITY: The Initial Study is available for review at the following locations:

- LAUSD, Office of Environmental Health and Safety website: <https://www.lausd.org/CEQA>
- Irving Middle School Main Office, 3010 Estara Avenue, Los Angeles, California 90065



AVISO DE PREPARACIÓN DE UN INFORME DE IMPACTO AMBIENTAL

PARA: Agencias, Organizaciones, Propietarios y Partes Interesadas
TÍTULO DEL PROYECTO: Proyecto de Modernización de la Intermedia Irving
ASUNTO: Aviso de Elaboración de Informe de Impacto Ambiental

POR LA PRESENTE SE NOTIFICA El Distrito Escolar Unificado de Los Ángeles (LAUSD, por sus siglas en inglés, o el Distrito), como la agencia líder, ha preparado un Estudio Inicial para el Proyecto Escolar de Modernización de la Intermedia Irving (Irving MS), en conforme con la Ley de Calidad Ambiental de California (California Environmental Quality Act o CEQA) (Código de Recursos Públicos [PRC], División 13, Sección 21000 et seq. [Estatuto CEQA] y el Código de Regulaciones de California [CCR], Título 14, División 6, Capítulo 3, Sección 15000 y siguientes [Directrices de la CEQA]). Un Estudio Inicial es un documento informativo detallado que analiza los impactos ambientales potencialmente significativos de un proyecto propuesto. El propósito de este aviso es solicitar comentarios sobre el contenido del Borrador del Informe de Impacto Ambiental (EIR).

UBICACIÓN DEL PROYECTO: El campus de 11.2 acres de la Escuela Intermedia Irving (Irving MS) está ubicado en 3010 Estara Avenue, Los Ángeles, Condado de Los Ángeles, California.

DESCRIPCIÓN DEL PROYECTO: El proyecto propuesto incluye el reemplazo y reconfiguración del edificio en el campo escolar de Irving MS para actualizar el proyecto como parte del Programa de Actualización Escolar (School Upgrade Program o SUP) de LAUSD. El alcance del trabajo consiste de la modernización del campo escolar para facilitar un campo seguro que e alineado con el programa de instrucción actual y cumpla con los requisitos actuales de la División del Arquitecto del Estado (Division of State Architect o DSA) y las especificaciones educativas. El proyecto propuesto incluye la demolición de los tres edificios de aulas permanentes ubicados directamente sobre una falla sísmica identificada (Edificio de Tareas de Hogar, Edificio de Aulas y Edificio de Administración) y la eliminación de seis edificios de bungalows portátiles en la esquina noroeste del sitio. Estos edificios serían reemplazados por la construcción de un edificio de aproximadamente 55,000 pies cuadrados de dos pisos que albergaría 19 aulas y espacios apoyativos, oficinas administrativas, biblioteca y otros espacios de servicio. Adicionalmente, el proyecto propuesto incluiría un nuevo edificio de Mantenimiento y Operaciones (M&O) y dos aulas modulares que serán utilizadas por la Escuela Comunitaria de la Ciudad de Ángeles. El proyecto propuesto también incluye mejoras esenciales, incluida la modernización sísmica del edificio del auditorio existente sobre la falla sísmica, la eliminación de barreras, así como otras mejoras de accesibilidad, y varias mejoras paisajísticas. Mientras el proyecto reduciría la cantidad total de aulas en el campo escolar de 65 a 46 aulas para satisfacer las necesidades, a largo plazo, de la escuela y la comunidad, proporcionaría espacios adicionales de aprendizaje y reunión al aire libre para sus estudiantes.

POSIBLES EFECTOS AMBIENTALES: En conforme con la Sección 15064(f)(1) de las Directrices de CEQA, y, basado en el análisis ambiental del Estudio Inicial, el Distrito ha determinado que un EIR es el nivel apropiado de documentación ambiental para el Proyecto. El análisis del Estudio Inicial ha determinado que el Proyecto no tendría posibilidad de causar impactos significativos relacionados con la estética, los recursos agrícolas/forestales, los recursos biológicos, la energía, la geología/suelos, las emisiones de gases de efecto invernadero, la hidrología/calidad del agua, el uso de la tierra/planificación, los recursos minerales, la población/vivienda, los servicios públicos, la recreación, los recursos culturales tribales, los servicios públicos/sistemas de servicios públicos y los incendios forestales. El EIR se centrará en los posibles efectos significativos del proyecto relacionados con la calidad del aire, los recursos culturales, los peligros y materiales peligrosos, el ruido, la seguridad de los peatones y el transporte y el tráfico.

PERÍODO DE ALCANCE PÚBLICO: El LAUSD pondrá a disposición del público este Aviso de Preparación (NOP) y el Estudio Inicial (en conforme con el Código de Regulaciones de California, Título 14, Sección 15082) para su revisión y comentarios públicos desde **el 1 de diciembre de 2023 hasta el 5 de enero de 2024**.

RESPUESTAS Y COMENTARIOS: Por favor, indique una persona de contacto para su agencia u organización y envíe sus comentarios a:

Los Angeles Unified School District
Office of Environmental Health and Safety
Atención: Mr. Julian Capata, CEQA Project Manager
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017
Email: CEQA-comments@lausd.net

Por favor, incluya "Irving MS Major Mod" en la línea de asunto

REUNIÓN PÚBLICA: El LAUSD llevará a cabo una reunión pública de alcance **el miércoles 6 de diciembre de 2023 a las 6:00 p. m.** en el **Auditorio de la Escuela Intermedia Irving**, 3010 Estara Avenue, Los Ángeles, California 90065. Se anima a todas las agencias, organizaciones y partes interesadas a asistir.

DISPONIBILIDAD DE DOCUMENTOS: El Estudio Inicial está disponible para su revisión en los siguientes lugares:

- Sitio de internet de LAUSD Office of Environmental Health and Safety: <https://www.lausd.org/CEQA>
- Oficina Principal de la Escuela Intermedia Irving, 3010 Estara Avenue, Los Ángeles, California 90065

DEPARTMENT OF TRANSPORTATION

DISTRICT 7

100 S. MAIN STREET, MS 16

LOS ANGELES, CA 90012

PHONE (213) 266-3562

FAX (213) 897-1337

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www.dot.ca.gov

*Making Conservation
a California Way of Life*

January 5, 2024

Julian Capata
Los Angeles Unified School District:
Office of Environmental Health & Safety
333 South Beaudry Ave, 21st Floor
Los Angeles, CA 90017

RE: Irving Middle School Major
Modernization Project (NOP)
SCH # 2023120006
Vic. LA-2/16.257, LA-5/22.296
GTS # 07-LA-2023-04390

Dear Julian Capata:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above-referenced project. The proposed Project will include building replacement and reconfiguration on the school campus as part of the Los Angeles School District's School Upgrade Program (SUP). This project includes the demolition of three permanent classroom buildings, which are located on an earthquake fault, and the removal of six portable bungalow buildings. A new 55,000- square-foot two-story building will be replacing the removed buildings. There will also be the construction of a new maintenance and Operation building, and two new modular classrooms to be used by the City of Angeles Community School. The Project also includes seismic retrofit the existing Auditorium Building, the removal of existing barriers, and accessibility upgrade, various landscape, and hardscape improvements. The Project will also provide additional outdoor learning and gathering spaces for the students. The Los Angeles Unified School District: Office of Environmental Health & Safety is the Lead Agency under the California Environmental Quality Act (CEQA).

The closest state facilities are SR-2 (Glendale Freeway) and SR-5. After reviewing the project's Initial Study, Caltrans has the following comments:

- Caltrans encourages the Lead Agency to consider any reduction in vehicle speeds to benefit pedestrian and bicyclist safety, as there is a direct link between impact speeds and the likelihood of fatality or serious injury. The most effective methods to reduce pedestrian and bicyclist exposure to vehicles is through physical design and geometrics. These methods include the construction of physically separated facilities such as Class IV bikeways, wide sidewalks, curb extensions, pedestrian refuge islands, landscaping, street furniture, and reductions in crossing distances through roadway narrowing. Visual indicators such as, pedestrian and bicyclist

warning signage, flashing beacons, crosswalks, signage, and striping should be used in addition to physical design improvements to indicate to motorists that they can expect to see and yield to people walking or riding bikes.

- Caltrans recommends the following multimodal improvements for this project:
 - Improve bicycle infrastructure along Fletcher Dr., such as protected Class IV bikeways, to improve safety and comfort for all road users.
 - Be sure to include canopy trees, bioswales, bicycle parking facilities, and street furniture to provide a comfortable and sustainable environment to encourage active transportation modes and improve community health.
 - In addition to bioswales, incorporate permeable paving surfaces wherever possible to manage stormwater, replenish groundwater, and prevent pollution runoff.
 - Provide high quality bus infrastructure for the stations along Fletcher Dr.
 - Use high-visibility continental crosswalks, curb extensions, count-down signal heads, pedestrian refuge islands, and pedestrian scrambles at the intersections along Fletcher Dr.
 - Leading pedestrian intervals can give pedestrians a 7-second head start in crosswalks; this provides additional crossing time and reduces the amount of time that pedestrians are exposed to high-speed vehicle traffic.
- Caltrans recommends the following during the construction stage:
 - Work with Caltrans Office of Permits, Multi-Modal Unit, for a designated truck route for construction trucks to transport construction equipment to and from the construction sites.
 - Construction vehicles/equipment should use alternative routes to avoid congested state facilities, especially during peak hours.
 - Cover construction trucks with tarpaulin to avoid debris spillage onto State facilities.

As a reminder, any transportation of heavy construction equipment and/or materials that requires the use of oversized transport vehicles on State Highways will need a Caltrans transportation permit. Caltrans recommends that the Project limit construction traffic to off-peak periods to minimize the potential impact on State facilities. If construction traffic is expected to cause issues on any State facilities, please submit a construction traffic control plan detailing these issues for Caltrans' review.

Julian Capata
January 5, 2024
Page 3 of 3

Caltrans looks forward to reviewing the forthcoming draft Environmental Impact Report (EIR). If you have any questions, please feel free to contact Jaden Oloresisimo, the project coordinator, at Jaden.Oloresisimo@dot.ca.gov and refer to GTS # 07-LA-2023-04390.

Sincerely,

Frances Duong

FRANCES DUONG
LDR/CEQA Branch Chief (Acting)

cc: State Clearinghouse



Yana Garcia
Secretary for
Environmental Protection



Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
8800 Cal Center Drive
Sacramento, California 95826-3200



Gavin Newsom
Governor

SENT VIA ELECTRONIC MAIL

December 21, 2023

Julian Capata
CEQA Project Manager
Los Angeles Unified School District
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017
cp-julian.capata@lausd.net

RE: NOTICE OF PREPARATION (NOP) OF A DRAFT ENVIRONMENTAL IMPACT REPORT (DEIR) FOR THE IRVING MIDDLE SCHOOL MAJOR MODERNIZATION PROJECT, DATED DECEMBER 01, 2023 STATE CLEARINGHOUSE # [2023120006](#)

Dear Julian Capata,

The Department of Toxic Substances Control (DTSC) received a Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) for the Irving Middle School Major Modernization Project (Project). The proposed Project involves building replacement and reconfiguration on the Irving Middle School Campus (Campus) as part of Los Angeles Unified School District's (LAUSD's) update to the School Upgrade Program (SUP). The scope consists of the modernization of the Campus to facilitate a safe and secure campus that is better aligned with the current instructional program and meets current Division of the State Architect (DSA) requirements and educational specifications. The proposed Project includes the demolition of the three permanent classroom buildings located directly over an identified earthquake fault (Homemaking

Building, Classroom Building, and Administration Building) and the removal of six portable bungalow buildings in the northwest corner of the site. These buildings would be replaced by the construction of one, approximately 55,000-square-foot, two-story building that would house 19 classrooms and support spaces, administration offices, library, and other building service spaces. Additionally, the proposed Project would include a new Maintenance and Operation (M&O) building and two modular classrooms to be used by the City of Angeles Community School. The proposed Project also includes essential upgrades including seismic retrofit of the existing Auditorium Building outside of the earthquake fault, the removal of barriers as well as other accessibility upgrades, and various landscape and hardscape improvements. While the Project would reduce the total number of standard classrooms on the campus from 65 to 46 to accommodate the long-term needs of the school and community, it would provide additional outdoor learning and gathering spaces for its students. Based on our review, DTSC requests consideration of the following comments.

1. If the district plans to use California Department of Education (CDE) State funds for the project, then the district shall comply with the requirements of Education Code (EDC), [§17210](#), [§17213.1](#), and [§17213.2](#), unless otherwise specifically exempted under section [§17268](#). If the district is not using CDE State funds for the project, or is otherwise specifically exempt under section [§17268](#), DTSC recommends the district continue to investigate and clean up the Site, if necessary, under the oversight of Los Angeles County and in concurrence with all applicable DTSC guidance documents. For more information on the CDE State funding, please visit [Office of Public-School Consultation](#) webpage.

A local education agency may also voluntarily request the CDE site/plan approval for locally funded site acquisitions and new construction projects. In these cases, CDE will require DTSC to review and approve prior to its final approval, except when exempt under section 17268.


2. If the District elects to proceed and conduct additional environmental assessments at the Site under DTSC oversight, it should enter into an Environmental Oversight Agreement with DTSC to oversee the preparation and or review of the existing environmental assessment documents.
3. If buildings or other structures are to be demolished on any project sites included in the proposed project, surveys should be conducted for the presence of lead-based paints or products, mercury, asbestos containing materials, and polychlorinated biphenyl caulk. Removal, demolition, and disposal of any of the above-mentioned chemicals should be conducted in compliance with California environmental regulations and policies. In addition, sampling near current and/or former buildings should be conducted in accordance with DTSC's 2006 [*Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Termiticides, and Electrical Transformers*](#)
4. DTSC recommends that all imported soil and fill material should be tested to ensure any contaminants of concern are within approved screening levels for the intended land use. To minimize the possibility of introducing contaminated soil and fill material there should be documentation of the origins of the soil or fill material and, if applicable, sampling be conducted to ensure that the imported soil and fill material meets screening levels for the intended land use. The soil sampling should include analysis based on the source of the fill and knowledge of the prior land use.

DTSC appreciates the opportunity to comment on the Irving Middle School Major Modernization Project's NOP. If you would like to proceed with DTSC's school environmental review process, please visit [DTSC's Evaluating & Clean-up School 3-Step Process](#) to begin a Phase I Environmental Site Assessment.

Julian Capata
December 21, 2023
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Thank you for your assistance in protecting California's people and environment from the harmful effects of toxic substances. If you have any questions or would like any clarification on DTSC's comments, please respond to this letter or via [email](#) for additional guidance.

Sincerely,



Tamara Purvis
Associate Environmental Planner
HWMP – Permitting Division - CEQA Unit
Department of Toxic Substances Control

cc: Governor's Office of Planning and Research
State Clearinghouse
State.Clearinghouse@opr.ca.gov

Dave Kereazis
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NATIVE AMERICAN HERITAGE COMMISSION

December 1, 2023

Julian Capata
Los Angeles Unified School District
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017

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NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

Re: 2023120006, Irving Middle School Major Modernization Project, Los Angeles County

Dear Mr. Capata:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, § 15064.5 (b) (CEQA Guidelines § 15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

[AB 52](#)

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

- 1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project:** Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

 - a. A brief description of the project.
 - b. The lead agency contact information.
 - c. Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
 - d. A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

- 2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report:** A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subs. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

 - a. For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

- 3. Mandatory Topics of Consultation If Requested by a Tribe:** The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

 - a. Alternatives to the project.
 - b. Recommended mitigation measures.
 - c. Significant effects. (Pub. Resources Code §21080.3.2 (a)).

- 4. Discretionary Topics of Consultation:** The following topics are discretionary topics of consultation:

 - a. Type of environmental review necessary.
 - b. Significance of the tribal cultural resources.
 - c. Significance of the project's impacts on tribal cultural resources.
 - d. If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

- 5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process:** With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

- 6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document:** If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

 - a. Whether the proposed project has a significant impact on an identified tribal cultural resource.
 - b. Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

- 7. Conclusion of Consultation:** Consultation with a tribe shall be considered concluded when either of the following occurs:
- a.** The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or
 - b.** A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).
- 8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document:** Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).
- 9. Required Consideration of Feasible Mitigation:** If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).
- 10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:**
- a.** Avoidance and preservation of the resources in place, including, but not limited to:
 - i.** Planning and construction to avoid the resources and protect the cultural and natural context.
 - ii.** Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.
 - b.** Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:
 - i.** Protecting the cultural character and integrity of the resource.
 - ii.** Protecting the traditional use of the resource.
 - iii.** Protecting the confidentiality of the resource.
 - c.** Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.
 - d.** Protecting the resource. (Pub. Resource Code §21084.3 (b)).
 - e.** Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).
 - f.** Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).
- 11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource:** An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:
- a.** The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.
 - b.** The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.
 - c.** The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. **Tribal Consultation**: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. **No Statutory Time Limit on SB 18 Tribal Consultation**. There is no statutory time limit on SB 18 tribal consultation.
3. **Confidentiality**: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. **Conclusion of SB 18 Tribal Consultation**: Consultation should be concluded at the point in which:
 - a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
 - b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: <http://nahc.ca.gov/resources/forms/>.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
 - a. If part or all of the APE has been previously surveyed for cultural resources.
 - b. If any known cultural resources have already been recorded on or adjacent to the APE.
 - c. If the probability is low, moderate, or high that cultural resources are located in the APE.
 - d. If a survey is required to determine whether previously unrecorded cultural resources are present.
2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
 - a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
 - b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
 - a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
 - b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
 - a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, § 15064.5(f) (CEQA Guidelines § 15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
 - b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
 - c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code § 7050.5, Public Resources Code § 5097.98, and Cal. Code Regs., tit. 14, § 15064.5, subdivisions (d) and (e) (CEQA Guidelines § 15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address:
Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

cc: State Clearinghouse

January 3, 2024

Los Angeles Unified School District Office of Environmental Health and Safety
Attention: Mr. Julian Capata, CEQA Project Manager
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017
Email: CEQA-comments@lausd.net

RE: Irving MS Major Mod - Notice of Preparation and Initial Study

Dear Mr. Julian Capata,

As a parent of an Irving MS student and neighborhood resident, I appreciate the opportunity to comment on the [Notice of Preparation](#) of an Environmental Impact Report for the proposed Irving Middle School Major Modernization Project (Project). The proposed Project includes the demolition of classroom buildings located over a postulated fault zone identified by LAUSD's geotechnical consultant.¹ The Project proposes to demolish the main classroom building (the "Administration Building"), which is historically significant, and replace it and other demolished buildings with a new building that would result in a reduction of the total number of classrooms on campus from 65 to 46.

I request that the EIR evaluate a rehabilitation alternative that will preserve the historically significant Administration Building. LAUSD families have choices when considering where to send their children to magnet schools. The historic campus and its older trees were a major factor in our decision to send our second child to Irving MS instead of the school their older sibling attended. The proposed new construction remains within the Alquist-Priolo Fault Zone – earthquake risks will remain under the proposed Project, and the neighborhood will lose historic character that should be cherished instead of demolished.

I also request that the EIR Project Description include a detailed timeline for the Project. It is concerning that the proposed Project, including planning for demolition of the historically

¹ The [Initial Study](#) page 14 footnote 28 incorrectly suggests that the California Department of Conservation, California Geological Survey find the "Hollywood Fault and the Raymond Fault running beneath the Campus." The [CGS mapping](#) shows two postulated faults mostly sandwiching the campus, and not underlying any historically significant campus buildings. A postulated fault zone has been identified by LAUSD's geotechnical consultant as presented in [Initial Study Appendix D](#).

significant Administration Building, appears to predate the completion of geologic borings in January 2023 that support the findings of a fault postulated to underly the western end of the Administration Building ([Initial Study Appendix D](#)). It is difficult to tell from the information as presented the true reason for the planned demolition of a historically significant school building.

Thank you very much for the opportunity to review and comment on this important Project.

Sincerely,

Sarah J Bartlett, BS, MCP
California Professional Geologist No. 8336
4514 Wawona St, 90065

COMMENT CARD / TARJETA DE COMENTARIO

Irving Middle School Major Modernization Project
Proyecto de Modernización Exhaustivo de la Secundaria Irving

December 6, 2023 / 6 de diciembre de 2023

Name / Nombre: Aura E. Gonzalez
Affiliation / Afiliación: Parent of Maximiliano D. Zavala 6th Grade
Address / Dirección: 4910 Malta St. Los Angeles CA 90042
Comment / Comentarios para:

Meeting was very informative & made very easy for us (the public) to understand. Slides were great.

Written comments must be received by January 5, 2024 at:
Envíe sus comentarios desde el 5 de enero de 2024 a:
LAUSD Office of Environmental Health and Safety
333 South Beaudry Avenue, 21st Floor, Los Angeles, CA 90017
Attn: Julian Capata
or CEQA-comments@lausd.net
Please include "Irving MS Major Mod" in the subject line

COMMENT CARD / TARJETA DE COMENTARIO

Irving Middle School Major Modernization Project
Proyecto de Modernización Exhaustivo de la Secundaria Irving

December 6, 2023 / 6 de diciembre de 2023

Name / Nombre: Maria E. Barboza
Affiliation / Afiliación: Elysian Valley Riverside NC
Address / Dirección: P.O. Box - 39522 Los Angeles CA 90039
Comment / Comentarios para:

Irving Middle School is home school to a few different neighborhoods. What type of outreach has been done to inform and prepare families of incoming 6th & 7th Graders? How is the charter school on campus assisting parents or informing re: deadlines and transition within

Renewable Resources?

Written comments must be received by January 5, 2024 at:
Envíe sus comentarios desde el 5 de enero de 2024 a:
LAUSD Office of Environmental Health and Safety
333 South Beaudry Avenue, 21st Floor, Los Angeles, CA 90017

the District?

Irving Middle School
Project Update / CEQA Community Meeting
December 6, 2023

Attendees: 10 in person (Via Zoom 32)

Questions and Comments:

1. Janet Chu (Guest) 06:07 PM - Based on the findings, I understand the need for this, and the long lead time to get started. But what can be done in the interim for safety- especially re: earthquakes?
2. Samantha Fuentes (Guest) 06:19 PM - What does "New City of Angels" mean?
3. Christine Louise Mills (Guest) 06:20 PM - On zoom, we can't tell to what Mr. Osura is referring - is there a way host to also interact with the screenshare?
4. Emily Bills she/her (Guest) 06:21 PM - I would like to hear about mitigation of toxic lead and other dust created by the demolition. *Where can we find the specific protocol for demolition and containment of dust/debris created by demolition, especially since lead dust can remain 'in the environment indefinitely?*
5. Emily Bills she/her (Guest) 06:28 PM - Do you conduct air quality tests on the temporary classroom buildings, for VOCs etc.? If so, where will we be able to find documentation on that air quality?
6. Lenni L (Guest) 06:31 PM - Many of my friends are coming to Irving for programs like Robotics, RC, and Dance. We host competitions to help our kids move forward in State/National competitions and fundraising - all using the current gym. Will construction impact our ability to host these types of tournaments, dance recitals?
7. Laura and Ray Montenegro (Max) (Guest) 06:49 PM - In what ways will students provide input into the design process? Similarly, how will teachers' ideas be incorporated?
8. elizabeth (Guest) 06:50 PM - What will happen when the demolition starts with the neighbor's? The dust, what times will the demolition begin? The infestation of rats that will come out? Will the sidewalks also be fixed? There needs to be more lighting for the kids when they get out at 6. There are rats already visible with all the junk next to the S buildings
9. Heather Melish (Guest) 06:52 PM - Hi, thank you for your presentation today. My question is about planning for the quality of the new construction and the design. When the budget was developed, was there any premium attached so that the new admin/classroom building meets the quality of the existing building in its construction and it's ornamentation?
10. Christine Louise Mills (Guest) 06:52 PM - For the next meeting, can we make sure there is a camera for speakers so those joining remotely can see speakers and what they are referencing/pointing to?
11. Janet Chu (Guest) 06:53 PM - can we assume that the bulk of the construction will happen on weekends and over the summer? pretty please? ;-)
12. elizabeth (Guest) 07:01 PM - Health wise it's hazardous with all the lead, dust, asbestos. You don't live next door. Come and look at the night and see for yourself how any rats there are coming out at this time.

13. Samantha Fuentes (Guest) 07:02 PM - Is the construction taking place during school hours or after school ?

14. elizabeth (Guest) 07:08 PM - City of LA isn't doing anything about the sidewalks! I have asked several times. Why wasn't the Infestation addressed?

15. Heather Melish (Guest) 07:10 PM - As a follow up- is there any art component?

16. elizabeth (Guest) 07:13 PM - Nothing has ever been done the principal has known for years , it's going to get worse with the demolition



33175 Temecula Parkway, Suite A-734
Temecula, CA 92592
Tel: 951-808-8585
Fax: 951-848-9812

December 4, 2023

Filmon Tesfaslasie
LAUSD-OEHS
333 S. Beaudry Avenue, 21st Floor
Los Angeles, California 90017

RE: DRAFT SOIL REMOVAL PLAN
Washington Irving Middle School
3010 Estara Ave, Los Angeles, CA 90065

1.0 INTRODUCTION

CES Group was retained by the Los Angeles Unified School District (LAUSD), Office of Environmental Health and Safety (OEHS) to prepare a Soil Removal Plan (SRP) to support excavation, handling, transportation and disposal of arsenic- and asbestos-impacted soil during the planned construction activities at Washington Irving Middle School, Los Angeles, California.

This SRP has been prepared to address the potential health risks to construction workers, onsite students and staff, and surrounding residents through the implementation of soil management processes intended to close potential exposure routes to potentially impacted soils. The SRP will be utilized to minimize potential exposures and offsite migration of potentially impacted soils during excavation, soil stockpiling, and transportation of soil offsite for disposal.

This SRP provides the following information:

- Background of the Site, the reason for the soil management program, and brief overviews of proposed construction activities
- Responsibilities and contact information of the stakeholders
- Pre-construction, excavation, fabrication activities, and planning including conferencing,
- training and briefing requirements, and site-specific health and safety requirements
- Worksite inspections, environmental monitoring, and management of site conditions
- Dust control and mitigation for on- and offsite control of fugitive dust

- Soil handling during and after installation activities, including soil management requirements, onsite soil handling, and soil backfill requirements
- Requirements for excavated soil disposal

2.0 BACKGROUND INFORMATION

2.1 Previous Site Investigations

A Preliminary Environmental Assessment was conducted for the Site in May 2023 through October 2023. The results of the PEA investigation (CES, 2023) are indicated below.

2.2 PEA Sampling Results

On May 20 and 21, 2023, a total of 63 initial soil borings were advanced across the site to investigate possible contaminants across the property in preparation for site renovation activities. On June 23, 2023, additional samples were taken from an area adjacent to an underground storage tank (UST) of interest. On July 21 samples were taken of the material suspected to be from the UST's secondary containment. Soil boring locations are shown on Figure 1.

Initial results for samples taken at 0.5 ft indicated elevated lead concentration at 10 locations, elevated arsenic concentrations at eight (8) locations, and asbestos presence at two (2) locations. Upon analysis of deeper samples, lead and arsenic levels were within the acceptable limits for LAUSD. Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Potential (TCLP) results also indicated non-hazardous levels of lead and arsenic. Low levels of Organochlorine Pesticides (OCPs), Polychlorinated Biphenyls (PCBs), Poly Aromatic Hydrocarbons (PAHs), and total petroleum hydrocarbons were detected in several samples but were within the acceptable range.

On October 20, 2023, step out samples were collected in the vicinity of B10, B12, B19, B22, B31, B47, and B56 to further define the arsenic and arsenic area of impact. The step out arsenic results ranged from 3.3 mg/kg to 270 mg/kg. The results were generally low level with the exception of B56.1, which showed California-hazardous levels of arsenic. Step out samples collected from B19 and B22 were analyzed for asbestos. No asbestos was detected in any of the step out samples.

To further evaluate the maximum detected lead and arsenic concentrations, the EPA ProUCL software was used to quantify the 95% Upper Confidence Limit (95% UCL) and then the 95% UCL for lead and arsenic were compared to the applicable screening limit. The 95% UCL for lead is 53.61 mg/kg and the 95% UCL for arsenic is 17.23 mg/kg. The human health risk is typical of similar school Site operations in the State of California for these constituents. The UCL for lead is below LAUSD's screening level of 80 mg/kg. The UCL for arsenic is above LAUSD's screening level of 12 mg/kg. None of the soil was determined to be above hazardous levels with the exception of step out sample B56.1.

Elevated levels of hydrocarbons and VOCs were detected in samples taken from the tank area, with highest concentration being 3400 mg/kg of diesel-range hydrocarbons

at 13 feet 8 inches bgs.

3.0 ANTICIPATED WORK AT THE SITE

3.1 Anticipated Construction Activities

The proposed construction/demolition activities will require excavation of soil in various areas across the campus. The excavation would disturb impacted soils at the Site. Disturbance of potentially impacted soils requires controls for fugitive dust. The excavation of this soil, if not conducted in a controlled manner, may also present an exposure concern for construction workers. Additionally, the excavated soils will need to be properly characterized for offsite disposal.

3.2 Existing Potential Hazards

Site investigations have identified the following contaminants of concern (COCs):

- Arsenic in the upper 0.5 feet of soil in five (5) locations (B10, B12, B31, B47, B56) with California-hazardous levels of arsenic at step out boring B56.1.
- Asbestos in the upper 0.5 ft in two (2) locations (B19, B22)

3.3 Excavation and Offsite Disposal of Impacted Soil

The remedy involves the excavation and offsite disposal of arsenic- and asbestos-impacted soil (above the respective screening levels) within the proposed project area. There are seven (7) areas of concern (AOC) with an estimated total of 4227 cubic feet (156.6 cubic yards, 219.2 tons) of impacted soil. The total impacted soil volume will be excavated from within the project areas as follows.

Estimated Excavation Volumes			
Area of Concern (AOC)	Contaminant of Concern (COC)	Non-Hazardous Volume	Cal-Haz Volume
AOC 1 - B10	Arsenic	576 ft ³ (21.3 yd ³ , 30 tons)	
AOC 2 - B12	Arsenic	321 ft ³ (12 yd ³ , 16.6 tons)	
AOC 3 - B31	Arsenic	189 ft ³ (7 yd ³ , 9.8 tons)	
AOC 4 - B47	Arsenic	500 ft ³ (18.5 yd ³ , 26 tons)	
AOC 5 - B56	Arsenic	664.5 ft ³ (24.6 yd ³ , 34.5 tons)	1689 ft ³ (62.6 yd ³ , 87.6 tons)
AOC 6 - B19	Asbestos	186 ft ³ (6.9 yd ³ , 9.6 tons)	
AOC 7 - B22	Asbestos	102 ft ³ (3.8 yd ³ , 5.3 tons)	
Total:		2538 ft ³ (94 yd ³ , 131.6 tons)	1689 ft ³ (62.6 yd ³ , 87.6 tons)

The maximum excavation depth is 1.5 feet bgs. The excavation locations are

illustrated on Figures 2 and 3.

Soil excavation would involve the use of conventional excavation equipment, such as backhoes and loaders to remove the impacted soil from the project areas. Excavated soil will be directly loaded into staged trucks or bins, or temporarily stockpiled on plastic sheeting next to the excavation areas until it can be loaded out for offsite disposal. Excavation is assumed to be estimated at a maximum of 1.5 feet bgs; therefore, sloping and shoring should not be required.

Affected soil removed from the excavations will be transported offsite to an appropriate, licensed LAUSD-approved facility for disposal. After completion of the soil removal actions at each location, confirmation soil sampling will be conducted along the excavation sidewalls and bottoms to verify that the cleanup goals were met. Following LAUSD requirements, imported backfill soil will be tested and certified, or soil from onsite borrow areas not affected by the COPCs, will be used to backfill the excavations in preparation for site construction activities.

3.4 UST Removal Procedures

The scope of work for this project includes the removal of a UST. The following activities are anticipated.

Pre-Removal Activities:

- Preparation of a site-specific health and safety plan
- Obtain necessary permits
- Provide safety measures including fencing and barriers around the excavation area. Signs shall be posted indicating “No Smoking” or “Open Flame.”
- Notify permit inspectors at least 48 hours in advance of field operations if required

Removal Activities:

- All items known to be associated with the USTs shall be isolated and disconnected.
- Saw cut the perimeter of the UST excavation if necessary.
- Excavate overburden soil to expose the UST and associated equipment in preparation for removal. Soil will be stockpiled on site for removal.
- Remove and containerize any fluids or oils remaining in the UST and/or conveyance piping and pressure wash the inside of the UST.
- Transport the UST contents and wash water to an approved off-site disposal/recycling facility. Segregate residual oils for transportation by a licensed hazardous waste disposal transporter. Waste manifests will be maintained.
- Excavate the UST using an excavator or other approved lifting equipment.
- Break up any concrete pad found beneath the UST into pieces capable of being transported and dispose of as construction debris at an off-site disposal facility.

- Remove a minimum of one foot of soil from the sides and bottom of the excavation.
- Monitor excavated soil for segregation into “clean” and “impacted” stockpiles based on PID readings, soil staining, and/or odors.
- Collect soil samples from the sides and bottom of the excavation area as indicated below.
- The UST will be transported to an off-site facility for recycling or disposal.
- The excavation will be backfilled pending permission from LAUSD using LAUSD approved backfill material and compacted to grade per the site’s grading plan.

Soil Sampling in UST Area:

Soil samples will be collected in glass jars. All samples will be sent to a State of California-certified environmental laboratory. Samples for VOCs will be collected using a TerraCore Sampler. All samples will be labeled, placed in a cooler with ice, and transported to a California-certified laboratory under chain-of-custody protocol. Soil samples will be analyzed for the following compounds:

- Total petroleum hydrocarbons as gasoline (TPHg) (C4-C12) using EPA Method 8015M
- Total petroleum hydrocarbons as diesel and oil (TPHd and TPHo) (C13-C40) using EPA Method 8015M
- Volatile Organic Compounds (VOCs) including BTEX, MTBE, and other oxygenates using EPA Method 8260B and 5035 protocol
- Title 22 Metals using EPA Method 6010B and 7470A

3.5 SCAQMD Rule 1166 Monitoring

If contaminated soil releasing VOCs above 50 ppmv is identified, the South Coast Air Quality Management District (SCAQMD) will be notified regarding the renovation work at the subject property. A site-specific permit will be obtained for the project due its location at a school property. Excavation activities will be performed in compliance with all applicable SCAQMD regulations.

4.0 SOIL MANAGEMENT PLAN

The procedures and requirements for soil management prior to the start of, during, and following excavation and construction activities associated with the project will be described in this section. The Environmental Consultant will document and record compliance with these requirements in their daily reports that will be maintained onsite throughout the project.

4.1 PRE-CONSTRUCTION/EXCAVATION ACTIVITIES

The following section presents the activities that will be performed prior to and during the excavation and earthmoving activities.

4.2 PRE-WORK MEETING

Prior to beginning work, a pre-work conference (meeting) shall be held for the purpose of reviewing the project. The Contractor will attend this pre-work meeting and will require all subcontractors, as necessary, to attend in order to ensure all topics are adequately covered. Soil management topics to be discussed include, but are not limited to:

- HASP
- SRP
- Soil storage, stockpiling, and segregation procedures
- Site monitoring
- Chain of Command
- Stormwater controls and Best Management Practices (BMPs)
- Worker responsibilities
- Other topics as appropriate

4.3 PRE-EXCAVATION WORKSITE INSPECTION

Before excavation or other soil-disturbing activities begin, a preparatory inspection must be conducted by the Contractor to ensure the proper soil management provisions are available and ready. This will include the DigAlert notification(s) and stormwater controls, permits, and BMPs.

4.4 SITE CONTROL MEASURES

Due to the presence of COCs at the Site, SCAQMD Rule 403 and Rule 1466 is applicable to the Site. The following site control measures, already discussed, are in compliance with applicable rules. Permit applications must be in accordance with the requirements of applicable SCAQMD rules.

4.5 SOIL EXCAVATION, STOCKPILING, AND TRANSPORTATION

EXCAVATION

Solid waste generated will either be recycled at an offsite recycling facility, stockpiled prior to transportation to offsite disposal facilities, or containerized in waste bins, or drums prior to transportation to offsite disposal facilities. Hazardous waste generated during the removal action will be disposed of in accordance with all applicable local, state, and federal laws and regulations.

Soil stockpiles will be placed on polyethylene sheeting to prevent contamination of underlying pavement or soil. Each stockpile will also be covered with plastic sheeting or a soil stabilizer to prevent windblown dust. BMPs, including the use of fiber rolls around the base of stockpiles to prevent sediment migration, and sandbags to ensure that piles remain covered, will be implemented as necessary. At a minimum, the Contractor will conform to the BMPs set forth by the California Storm Water Quality

Association (CASQA) BMP handbooks for the elimination and reduction of air pollution and storm water pollution from stockpiles or staged soil.

Contractor shall coordinate with LAUSD representatives to ensure that all wastes generated are appropriately stored, characterized, hauled offsite, and disposed of in accordance with local, state, and federal regulations. Following waste characterization, soil and debris will be loaded into trucks and hauled to the appropriate disposal facility based on waste classification. Waste hauling trucks will be covered and decontaminated prior to leaving the worksite to ensure that no waste is blown out of trucks or tracked offsite on truck tires.

Solid waste minimization strategies shall be implemented whenever possible. Excess construction materials will be protected from contamination and returned to the manufacturer, reused, or recycled, if possible.

SOIL CHARACTERIZATION

One composite soil sample per 500 cubic yards of excavated soil will be collected for waste characterization. Composites will be comprised from no more than six (6) discreet grab samples. The following laboratory analysis will be completed to characterize the stockpiled or stored soil prior to its removal offsite:

- Title 22 metals (17 metals) by EPA Method 6010B/7471A
- VOCs by EPA Method 8260B
- Total petroleum hydrocarbons (TPH) by EPA Method 8015B
- OCPs by EPA Method 8081A
- Asbestos by PLM

SOIL TRANSPORTATION AND DISPOSAL

The excavated soil placed in roll-off bins or stockpiled onsite will be loaded into the transport trucks. The soil will be covered with secured tarps according to applicable Department of Transportation (DOT) regulations to prevent soil from spilling during transport to the disposal facility. Prior to departure, the general contractor will ensure that loose soil debris is removed from trucks by dry brushing the tires and truck body. Trackout will be controlled and soil will not be allowed to be deposited onto city streets. If trackout control becomes an issue, the Contractor will utilize a street sweeper to clean and maintain the offsite truck egress point.

DOT-approved, placarded end-dump or bottom-dump trucks will transport excavated soil to the appropriate offsite disposal facility. The number of vehicles to be used for soil loading and transport will be minimized to avoid generating excess decontamination wastes. Waste haulers will be required to provide proof of valid registrations and permits for waste transport to Class II and III facilities. The vehicles will be properly registered, operated, and placarded in compliance with local, state, and federal requirements.

4.6 ENVIRONMENTAL MONITORING

Air monitoring equipment and dust control measures will be used to monitor and

reduce the amount of airborne particulate matter (fugitive dust) resulting from earth-moving activities onsite. Air monitoring will be conducted at 15-minute intervals, unless it is determined that air monitoring may occur at less frequent intervals. These less frequent intervals would be the result of ambient air movement (wind) or through the reduction of the air threat through verification monitoring. The change in the monitoring interval will be logged. Measurements will be taken at the anticipated source and in the breathing zone of the onsite personnel.

WIND MONITORING

Wind speed and wind direction will be monitored at 15-minute intervals using a tripod-mounted weather station.

PARTICULATE MONITORING

Monitoring for concentrations of particulate matter with an aggregate particle diameter of 10 microns or less (PM10) at the Site will be conducted with aerosol monitors near the property boundary at locations upwind (one) and downwind (one) of excavation activities. The monitors shall provide real-time concentration and median particle size information and will log the data for the duration of the monitoring period. The aerosol monitors used shall be capable of logging data at 1-minute intervals or less.

The dust monitors shall be zeroed daily. An action level of 25 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) (per Rule 1466) shall be established, measured as the difference between upwind and downwind monitors.

DUST CONTROL

Under the provisions of SCAQMD Rule 403 – Fugitive Dust, owners/operators of facilities or projects are required to limit emissions of fugitive dust generated by their activities. Specifically, the contractor is responsible for meeting requirements specified in Rule 403 and implementing reasonable Best Available Control Measures (BACM) to minimize dust emissions. The SCAQMD has a threshold of 150 pounds per day of PM10. The following dust control measures shall be implemented to stabilize exposed surfaces and minimize suspended or tracked dust particles:

- Apply water to excavation areas to minimize dust generated by vehicles, trucks, and heavy equipment.
- Apply water to the staged soil piles before and during loading of trucks, and after completion of loading for the day.
- Adequately tarp truck trailers, and clean truck tires as necessary prior to leaving the Site. Place shaker plates on the ingress and egress routes to the Site.
- Cover and secure staged soil piles at the end of each day.

4.7 COMPLIANCE INSPECTIONS

Periodic site inspection of the excavations, or other soil disturbance activities will be conducted by the Environmental Consultant or designated Soils Manager to determine if any failed compliance has occurred. Stop-work orders will be promptly issued if any failed compliance has occurred and corrective actions will be

immediately implemented to address the non-compliant issue.

4.8 DUST CONTROL PLAN

Dust is defined as solid particles, or particulate matter, which are predominately large enough to eventually settle out from the air but are small enough to remain temporarily suspended in the air for an extended period of time. Dust from sites performing earthmoving activities (including excavation, backfilling, and grading) can originate from exposed soil surfaces, excavation activities, grading, unprotected soil stockpiles, demolition, traffic on unpaved surfaces, etc.

The general dust control requirement is for no visible dust to exit the Site during construction. Measures will be taken to monitor and minimize fugitive dust generation to protect workers and neighbors and to limit contaminant distribution outside work areas.

Primary dust control will be achieved by utilizing work process controls and through the application of water for suppression of dust. Sufficient water will be applied to truck routes and work areas to keep the Site soils adequately wetted without generating runoff, erosion, or unacceptable conditions relating to storm water controls. In general, dust control will include application of water every two hours of active operation, or sufficiently often to keep the area adequately wetted.

Wind speed and direction will be monitored using a portable calibrated anemometer. Excavation activities will not be conducted when the average wind speed is >15 miles per hour (mph) for over 15 minutes, or when the wind speed gusts exceed 25 mph.

Should fugitive dust be visible at the downwind limits of the work zone, additional dust suppression measures will be conducted to mitigate fugitive dust generation. If the additional measures are not effective at controlling offsite migration of fugitive dust, work will be stopped until more effective means of dust suppression can be implemented.

Any visible track-out on a paved public road where vehicles enter and exit the work area must be removed at the end of the workday or at least once per day. Removal will be accomplished by using a wet sweeping or vacuum device in accordance with SCAQMD requirements.

4.9 SOIL DISPOSAL

Selection of the permitted disposal facility will be based on the results of the analytical testing of the stockpiled/stored soils intended for offsite disposal and approval from LAUSD. At a minimum, excavated site soils intended for offsite disposal will be taken to a Class III landfill. All disposal facility decisions will be based on actual analytical results and landfill profile acceptance.

5.0 LIMITATIONS

CES Group warrants that the services, findings, and/or recommendations provided have been prepared, performed and rendered in accordance with procedures, practices and standards generally accepted and customary in the consultant's profession for use in

similar assignments. This project was performed using the same degree and skill expected of similar firms practicing in similar situations or localities. The statements in this report are based on field observations and limited analytical results and represent professional opinions. No investigation is sufficient to determine with absolute certainty whether a site is completely free of risk. This study was a focused investigation and consequently CES Group does not provide any warranty that contamination is not present at the property, that the property is suitable for any particular purpose or that the property is clean or free of liability. No warranty is expressed or implied regarding conditions at locations other than those tested. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. The work performed in conjunction with this assessment and the data developed are intended as a description of available information on the dates and at the locations given. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

If you have any questions regarding this Soil Removal Plan, please contact me at 714-398-6363 or sgreen@cesgroup.co.

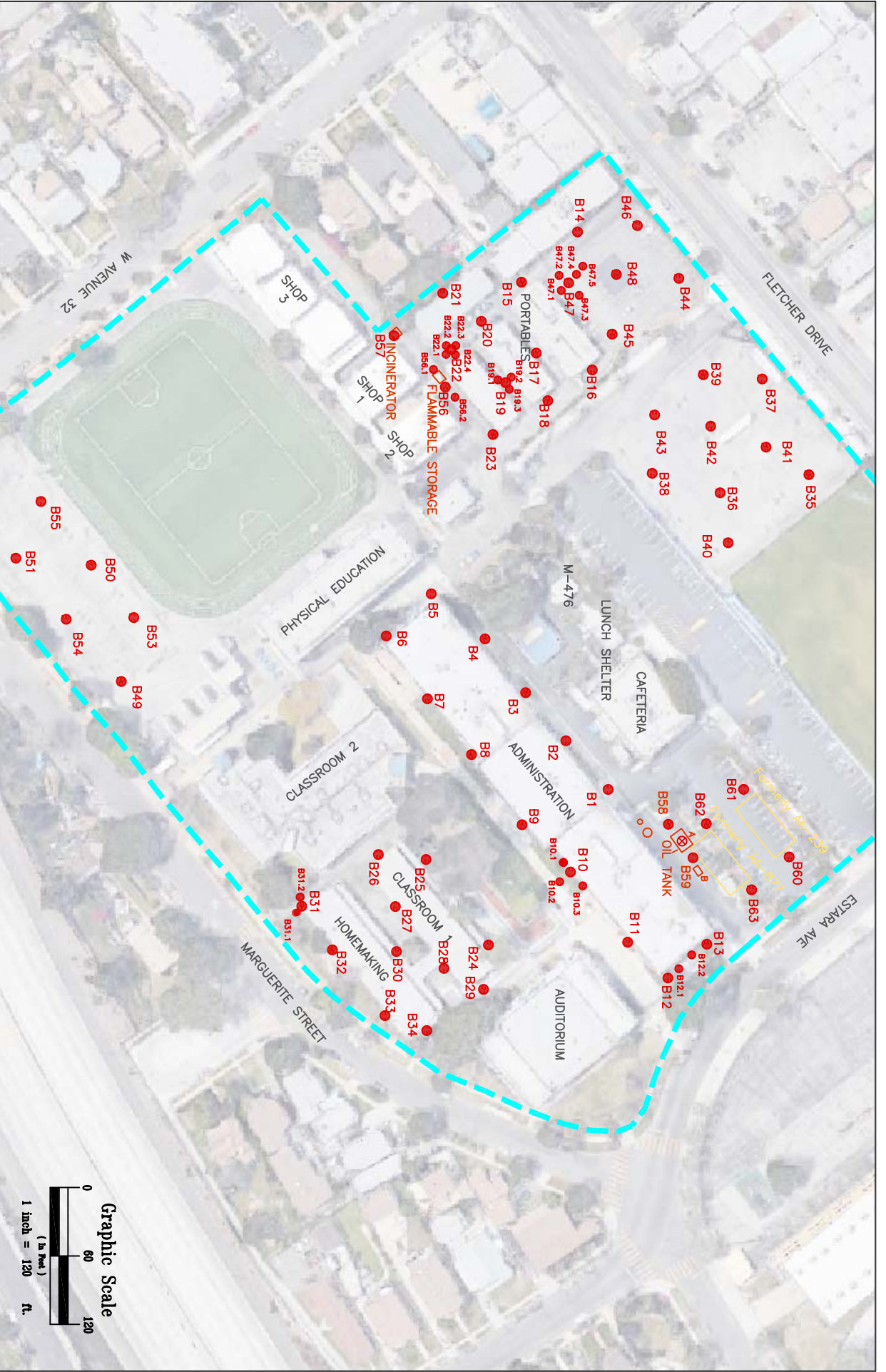
Thank you,



The image shows a handwritten signature in black ink, which appears to read "Skye Green". To the right of the signature is a circular professional engineer seal. The seal contains the following text: "PROFESSIONAL ENGINEER" at the top, "SKYE M. GREEN" in the center, "No. C63758" below the name, "Exp. 9/30/24" below the number, "CIVIL" below the expiration date, and "STATE OF CALIFORNIA" at the bottom.

Skye Green, P.E.

Civil-Environmental-Survey Group

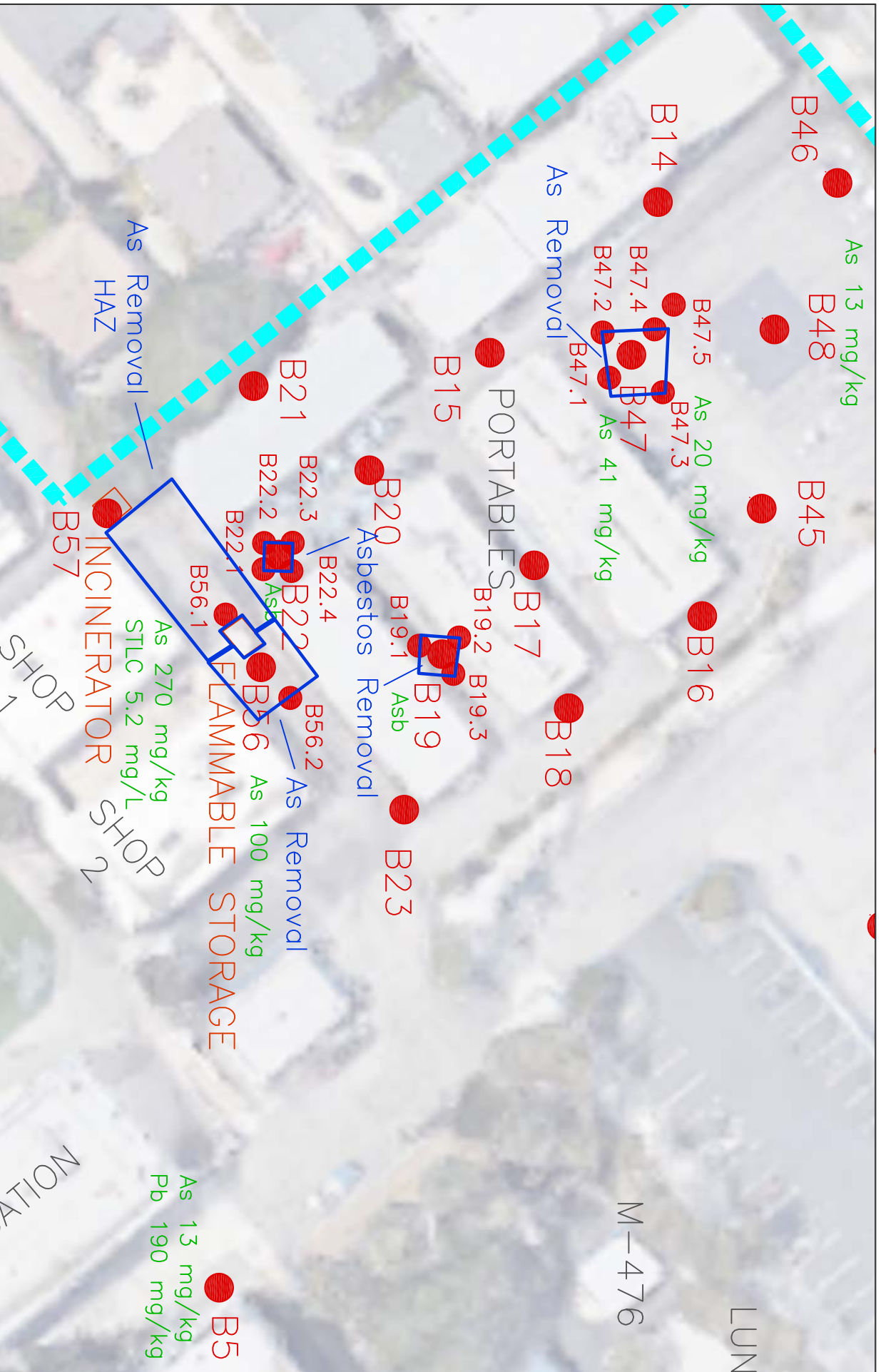


- NOTES:
- GRID SOIL SAMPLES – PAVED AREAS
 - SOIL SAMPLES – BUILDING AREAS

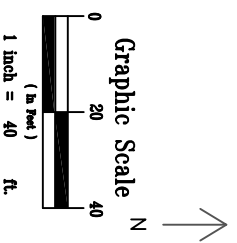


PHONE: (951) 808-8585/(951) 848-9812 (FAX)

DRAWN BY: S. GREEN		CHECKED BY:		PROJECT NO:	
APPROVED BY:		DATE: 11/16/23		SCALE: AS SHOWN	
PEA SAMPLE LOCATIONS IRVING MIDDLE SCHOOL LOS ANGELES, CA					
FIGURE 1					

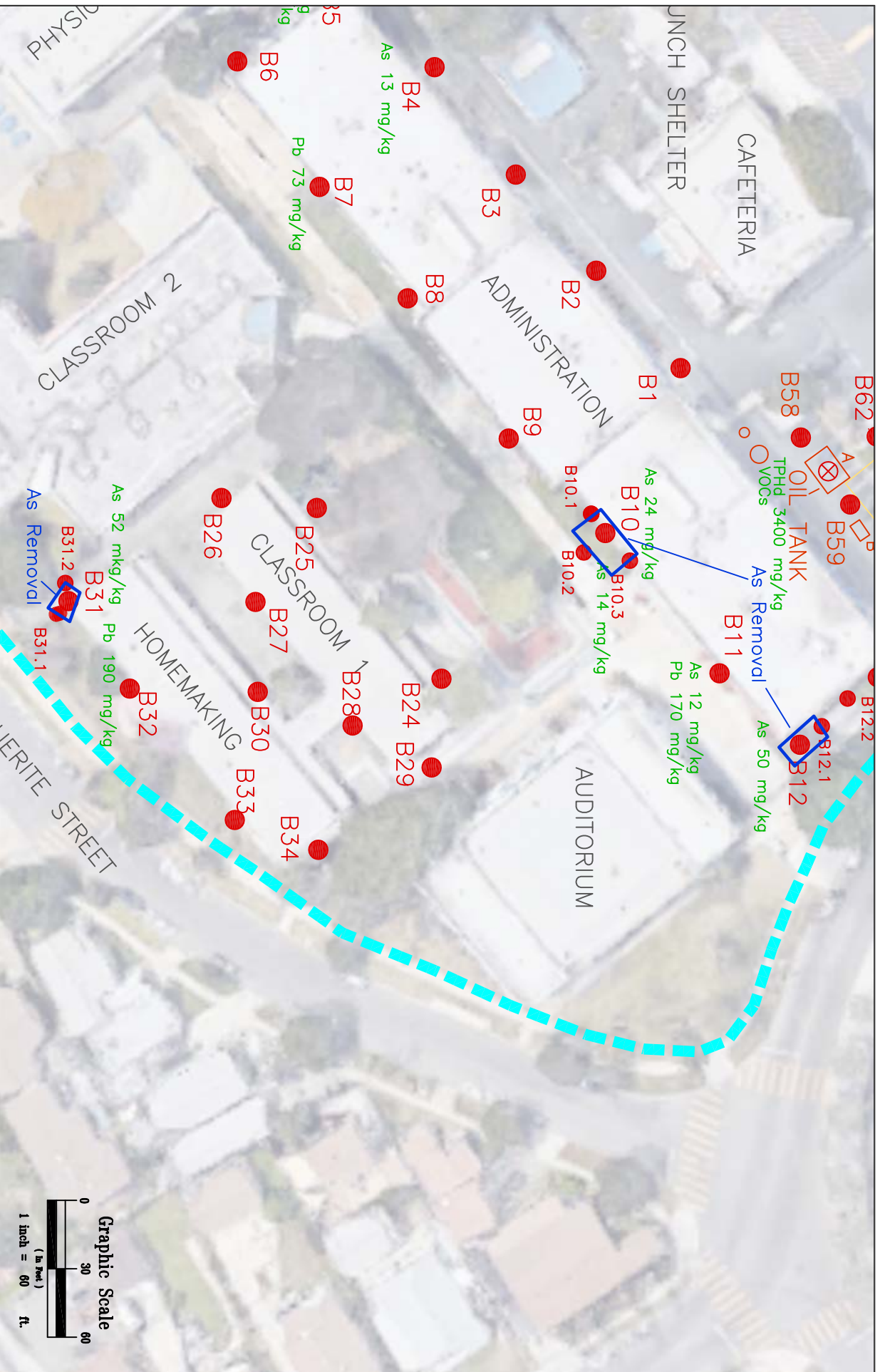


- NOTES:
- PEA SOIL SAMPLES
 - EXCAVATION AREAS

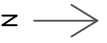


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DRAWN BY: S. GREEN		CHECKED BY:	PROJECT NO:	PEA RESULTS AND EXCAVATION AREAS
APPROVED BY:		IRVING MIDDLE SCHOOL LOS ANGELES, CA		FIGURE 2



- NOTES:
- PEA SOIL SAMPLES
 - EXCAVATION AREAS



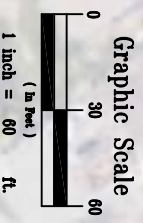
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PEA RESULTS AND EXCAVATION AREAS

IRVING MIDDLE SCHOOL
LOS ANGELES, CA

DRAWN BY: S. GREEN	CHECKED BY:	PROJECT NO:
APPROVED BY:	DATE: 11/29/23	SCALE: AS SHOWN

FIGURE 3



**IRVING MIDDLE SCHOOL
MAJOR MODERNIZATION PROJECT**

DRAFT HISTORIC RESOURCES TECHNICAL REPORT

**Prepared for:
Los Angeles Unified School District
Office of Environmental Health and Safety
333 South Beaudry Avenue, 21st Floor
Los Angeles, California 90017**

**Prepared by:
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July 2024

EXECUTIVE SUMMARY

This Historic Resources Technical Report (HRTR), in support of the Irving Middle School Major Modernization Project, addresses an 11.2-acre study area located at 3010 Estara Avenue, City of Los Angeles, Los Angeles County, California, within the U.S. Geological Survey Los Angeles topographic quadrangle.¹ This evaluation was prepared to determine the historical resource/historic property status of original buildings on the Washington Irving Middle School (Irving MS) Campus, both individually as buildings over 50 years of age, and as potential contributors to a historic district to facilitate Los Angeles Unified School District (LAUSD) compliance with CEQA.

The report concurs with the findings in the *Historic Resources Evaluation Report: Irving Middle School* (HRER) that six buildings on the campus appear to be eligible as a City of Los Angeles historic district, and that none of these contributors appear individually eligible. This portion of the campus is eligible under the National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) Criteria A/1 and C/3, as a City of Los Angeles Historic Cultural Monument (HCM) under Criteria 1 and 3 and, therefore, is a historical resource pursuant to the California Environmental Quality Act (CEQA).²

The analysis indicates that six buildings on the Irving MS Campus are eligible for historic designation as City of Los Angeles landmarks, not individually, but as contributors to the Irving Middle School Campus Historic District. The proposed Project includes the demolition of the Administration Building, an action that would weaken but not invalidate the eligibility of the Campus as a historic district. Under CEQA, demolition of the Administration Building would constitute a less than significant impact to the historic district. The five remaining historic buildings would remain in place and continue to convey the historic significance of the district.

In accordance with the *LAUSD Historic Context Statement, 1870 to 1969* (HCS),⁴ the historic portion of the school campus currently retains all essential physical features from the period of significance, 1936–1939. Therefore, Sapphos Environmental, Inc. recommends that Washington Irving Middle School Historic District continue to be eligible as a historical resource, even if the Administrative Building were to be demolished as planned.

¹ U.S. Geological Survey. 2022. Los Angeles 7.5-Minute Topographic Quadrangle (Scale = 1:24,000).

² ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School, Los Angeles, California. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.

⁴ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.

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SECTION 1.0 INTRODUCTION

1.1 PURPOSE AND SCOPE

Sapphos Environmental, Inc. was retained by the Los Angeles Unified School District (LAUSD) to prepare a Historic Resources Technical Report (HRTR) to evaluate the environmental impacts of the Irving Middle School Major Modernization Project (proposed Project) on historical resources as defined pursuant to Section 15064.5(a) of the California Environmental Quality Act (CEQA) Guidelines. Washington Irving STEAM Magnet School (originally Verdugo Road Junior High School) in Los Angeles, California, was constructed in 1936 by the Public Works Administration (PWA). The original buildings include the main building, a cafeteria, a gymnasium with two bas-relief sculptures near the roof, and an auditorium containing a Federal Art Project (FAP) mural by Ivan Bartlett. All these structures are still standing. The school is one of many schools in the LAUSD school system that were built or remodeled by New Deal agencies in the wake of the devastating 1933 Long Beach Earthquake. Irving Middle School (Irving MS) is a classic example of the PWA Moderne style. Section 15064.5(b)(1) and (2) specify that the significance of a historical resource is materially impaired when a project demolishes or materially alters in an adverse manner those physical characteristics (also referred to as the character-defining features) of a historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources (CRHR). The eligible resources on the Campus and their character-defining features were previously identified in the *Historic Resources Evaluation Report: Irving Middle School* (HRER).⁵ This analysis is focused exclusively on significant impacts of the proposed Project on cultural resources in relation to historical resources. The analysis does not evaluate the potential for significant impacts on cultural resources in relation to adverse effects on prehistoric archaeological resources or Tribal Cultural Resources. It is understood that LAUSD is responsible for consultation with Native American Most Likely Descendants, pursuant to Assembly Bill (AB) 52, and related identification and evaluation of Tribal Cultural Resources.

1.2 PROJECT LOCATION

The Project site is located at 3010 W. Estara Avenue (Assessor Parcel Numbers [APNs] 5458-019-900 [main parcel], 5458-018-903 [southwest of Moss Avenue], 5458-018-904, 5458-018-905, 5458-018-906, 5458-018-907, 5458-018-908, 5458-018-909, 5458-018-910, 5458-018-911, 5458-018-912, 5458-018-913, 5458-018-914, 5458-018-915, 5458-018-916, and 5458-018-917) in the community of Northeast Los Angeles (neighborhood of Glassell Park) within the City of Los Angeles in Los Angeles County, California (Figure 1-1, *Location Map*). The Project site does not include the two former City streets (Moss Avenue and Roswell Street) that divide the Project site; LAUSD has a revocable permit to occupy the City right-of-way that runs through this portion of the Campus and no changes are proposed within it. Major features in the Project area include the Glendale Freeway (State Route 2) to the south, the Los Angeles River approximately 0.6 mile to the southwest, and the San Rafael Hills and Verdugo Mountains to the north. Most of Forest Lawn Memorial Park falls within the neighborhood boundary. Irving MS is a Science Technology Engineering Arts and Mathematics (STEAM) magnet school situated on an irregular 11.2-acre campus bounded by Fletcher Drive to the northwest, Estara Avenue to the northeast, Marguerite

⁵ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School, Los Angeles, California. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.

Street to the southeast, and West Avenue 32 to the southwest, placing the school in LAUSD's Region West, Glassell Park & Los Feliz Community of Schools.

The Irving MS Campus encompasses 17 buildings, of which 11 are permanent and 6 are relocatable (Figure 1-3, *Campus Map*). Of the 11 permanent buildings, 3 were previously found eligible for listing on the AB 300 2002 Seismic Safety Inventory of California Public Schools Report (AB300 List). The Campus has been identified as eligible for listing as a historic district in the National Register of Historic Places (NRHP) and CRHR as well as eligible for local designation as a Historic-Cultural Monument (HCM) (Figure 1-2, *Vicinity Map, with Indication of Buildings Comprising the Historic District*) based on its post-Long Beach Earthquake middle school campus status, which embodies LAUSD school planning and design concepts of the period and as an excellent example of the PWA Moderne architectural style applied to a middle school campus.⁶ Six buildings were identified as contributors to the eligible district: the Administration Building, Auditorium, Physical Education Building, Cafeteria, Shop No. 1, and Shop No. 2, all built from 1937 to 1939 and all associated with the themes identified as significant, above.

⁶ ASM Affiliates, Inc. 2022. Final Historic Resource Evaluation Report for Irving Middle School, Los Angeles, California. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.

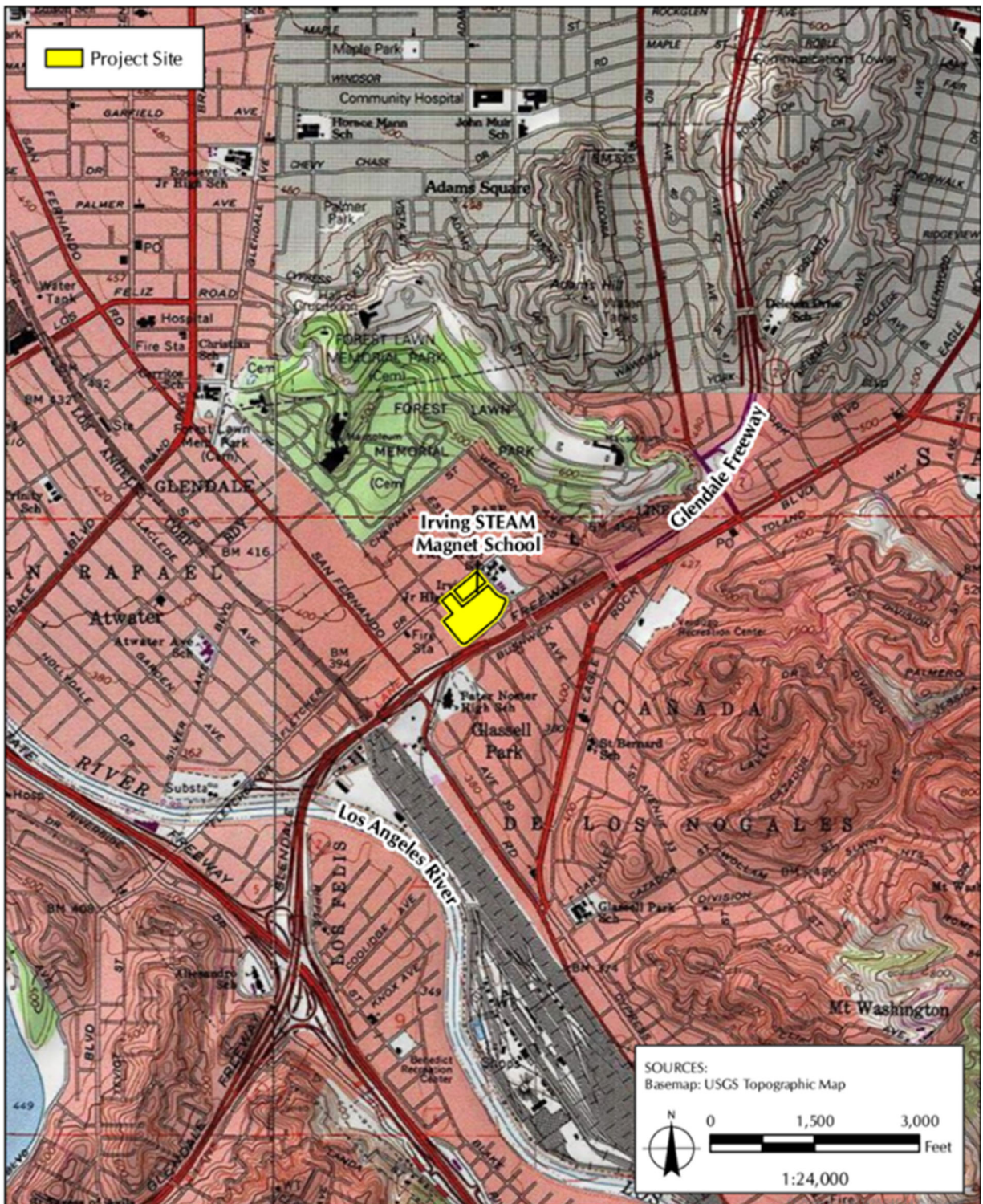


Figure 1-1. Location Map
 SOURCE: Sapphos Environmental, Inc., 2024



Figure 1-2. Vicinity Map, with Indication of Buildings Comprising the Historic District
 SOURCE: Sapphos Environmental, Inc., 2024



Figure 1-3. Campus Map
 SOURCE: Sapphos Environmental, Inc., 2024

The immediate vicinity of the campus is a flat, multi-use zone with a mix of single- and multi-family residential structures, an elementary school, retirement home, small businesses, and mom-and-pop shops. The larger context includes Fletcher Drive Elementary School, which is located across Estara Avenue to the northeast. Residential uses are located immediately west and across Marguerite Street and Avenue 32 to the southeast and southwest, State Route 2 is located across Marguerite Street to the south, and commercial and manufacturing uses are located immediately west (Furniture Fosters and The Stash on York) and across Fletcher Drive to the northwest (The Crème Shop, Mendez Tax Services, Love Your Hair, Julie’s Market, Viet on Fletcher, Birds Auto Detail and Ceramic Coatings, R B Signs, Zumba, Fresh Pup Cuts, Los Angeles World Embroidery & School Uniforms, Olivares flower and party shop, and El Ranchito Meat Market). Forest Lawn Memorial Park – Glendale is north of the subject property and nearby, three blocks away. To the east, the 2 Freeway interrupts residential areas flanking the freeway; Eagle Rock Boulevard and the Glassell Park recreational areas lie to the east of the freeway. To the south, the area changes with the Ribet Academy and playing fields and various retail, commercial, and industrial buildings and services, extending to the east along San Fernando Boulevard.

1.3 PROJECT PURPOSE AND DESCRIPTION

The purpose of the proposed Project is to address critical issues of safety and physical condition requiring construction, modernization, and/or repair to school facilities, while ensuring compliance with local, state, and federal regulations. LAUSD is proposing a major modernization of Irving MS to address the most critical physical needs of the buildings and grounds at the Campus through replacement, renovation, modernization, and reconfiguration. The primary objective of the proposed Project is to address the most critical physical conditions and essential safety by alleviating seismic and structural risks discovered on the Campus. The proposed Project is included in the Measure RR Proposed Implementation Plan (Implementation Plan) to modernize, upgrade, and/or reconfigure seven schools with the most critical need for infrastructure improvement, based on physical conditions. The proposed Project would address physical conditions and safety issues and modernize Irving MS in alignment with its instructional program. The following components may be included in the proposed Project, although components are not limited to this list:

- New construction of approximately 19 general and specialty classrooms and support spaces, library, administration space, and maintenance and operations spaces.
- Seismic retrofit to the existing Auditorium.
- Installation of relocatable buildings to accommodate the City of Angels Program.
- Associated landscape, hardscape, parking improvements, and infrastructure upgrades including, but not limited to, sanitary sewer, water, stormwater, and electrical utilities.
- Demolition of the Administration Building, One-Story Classroom Building, Homemaking Building, and six relocatable buildings.
- Interim facilities, as required.
- Improvements to ensure compliance with the Americans with Disabilities Act (ADA), Division of the State Architect (DSA), CEQA, Department of Toxic Substances Control (DTSC), or other local, state, and federal requirements.

SECTION 2.0

REGULATORY FRAMEWORK

The regulatory framework outlined in this section structures the assessment of potential impacts to historical resources under CEQA, as part of the environmental review process for the proposed Project. Buildings on the Irving MS Campus were previously evaluated in 2022 to determine whether they constitute historical resources as defined by CEQA, using the following eligibility criteria for listing in applicable federal, state, and local statutes and regulations.⁷

2.1 FEDERAL

National Historic Preservation Act⁸

Enacted in 1966 and most recently amended in 2000, the National Historic Preservation Act (NHPA) declared a national policy of historic preservation and instituted a multifaceted program, administered by the Secretary of the Interior, to encourage the achievement of preservation goals at the federal, state, and local levels. The NHPA authorized the expansion and maintenance of the National Register of Historic Places (NRHP), established the position of State Historic Preservation Officer (SHPO) and provided for the designation of State Review Boards, set up a mechanism to certify local governments to carry out the purposes of the NHPA, assisted Native American tribes in preserving their cultural heritage, and created the Advisory Council on Historic Preservation (ACHP). Section 106 of the NHPA states that federal agencies with direct or indirect jurisdiction over federally funded, assisted, or licensed undertakings must take into account the effect of the undertaking on any historic property that is included in or eligible for inclusion in the NRHP, and that the ACHP must be afforded an opportunity to comment, through a process outlined in the ACHP regulations at 36 Code of Federal Regulations (CFR) Part 800, on such undertakings. No federal involvement is included in the Irving MS Major Modernization Project; therefore, the Section 106 process is not applicable.

National Register of Historic Places

The NRHP was established by the NHPA of 1966 as “an authoritative guide to be used by Federal, State, and local governments, private groups and citizens to identify the Nation’s cultural resources and to indicate what properties should be considered for protection from destruction or impairment.”⁹ The NRHP recognizes properties that are significant at the national, state, and local levels. To be eligible for listing in the NRHP, a resource must be significant in American history, architecture, archaeology, engineering, or culture. Districts, sites, buildings, structures, and objects of potential significance must also possess integrity of location, design, setting, materials, workmanship, feeling, and association. A property is eligible for the NRHP if it is significant under one or more of the following criteria:¹⁰

Criterion A: It is associated with events that have made a significant contribution to the broad patterns of our history;

⁷ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.

⁸ United States Code, 16 USC 470.

⁹ Code of Federal Regulations, 36 CFR 60.2.

¹⁰ Code of Federal Regulations, 36 CFR 60.4.

Criterion B: It is associated with the lives of persons who are significant in our past;

Criterion C: It embodies the distinctive characteristics of a type, period, or method of construction, or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components may lack individual distinction; and/or

Criterion D: It has yielded, or may be likely to yield, information important in prehistory or history.

Ordinarily, cemeteries, birthplaces, or graves of historical figures, properties owned by religious institutions or used for religious purposes, structures that have been moved from their original locations, reconstructed historic buildings, and properties that are primarily commemorative in nature, are not considered eligible for the NRHP, unless they satisfy certain conditions. In general, a resource must be 50 years of age to be considered for the NRHP, unless it satisfies a standard of exceptional importance.

Secretary of the Interior's Standards for the Treatment of Historic Properties

Evolving from the *Secretary of the Interior's Standards for Historic Preservation Projects with Guidelines for Applying the Standards* developed in 1976,¹¹ the *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings* was published in 1995 and codified as 36 CFR 67.¹² Neither technical nor prescriptive, these standards and guidelines are "intended to promote responsible preservation practices that help protect our Nation's irreplaceable cultural resources" by addressing four treatments for historic properties: preservation, rehabilitation, restoration, and reconstruction.¹³ "Preservation" acknowledges a resource as a document of its history over time, and emphasizes stabilization, maintenance, and repair of existing historic fabric. "Rehabilitation," while also incorporating the retention of features that convey historic character, also accommodates alterations and additions to facilitate continuing or new uses. "Restoration" involves the retention and replacement of features from a specific period of significance. "Reconstruction," the least used treatment, provides a basis for recreating a missing resource. These standards have been adopted, or are used informally, by agencies at all levels of government to review projects that affect historic resources.

2.2 STATE OF CALIFORNIA

California Environmental Quality Act¹⁴

Pursuant to CEQA, a historic resource is a resource listed in, or eligible for listing in, the CRHR. Historical resources included in a local register of historic resources, or those identified as significant in a local survey conducted in accordance with state guidelines, are also considered

¹¹ National Park Service. 1976. *Secretary of the Interior's Standards for Historic Preservation Projects with Guidelines for Applying the Standards*.

¹² National Park Service. 1995. *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings*.

¹³ Weeks, Kay D., and Anne E. Grimmer. 1995. *The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings*. U.S. Department of the Interior, National Park Service.

¹⁴ California Public Resources Code, Division Thirteen, Statutes 21083.2, 21084.1.

historic resources under CEQA, unless a preponderance of the facts demonstrates otherwise. According to CEQA, the fact that a resource is not listed in or determined eligible for listing in the CRHR or is not included in a local register or survey shall not preclude a lead agency, as defined by CEQA, from determining that the resource may be a historic resource, as defined in California Public Resources Code (PRC) Section 5024.1.¹⁵

Under CEQA, a project with an effect that may cause a substantial adverse change in the significance of a historic resource may have a significant effect on the environment, requiring that the lead agency identify potentially feasible mitigation measures to reduce or eliminate the adverse effect.¹⁶ The State CEQA Guidelines state that substantial adverse change includes “physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired (§15064.5 (b)(1)),” with material impairment occurring when a project (§15064.5 (b)(2)):

- (A) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or
- (B) Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or
- (C) Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.

California Register of Historical Resources

Created in 1992 and implemented in 1998, the CRHR is “an authoritative guide in California to be used by state and local agencies, private groups, and citizens to identify the state’s historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse change.”¹⁷ Certain properties, including those listed in or formally determined eligible for listing in the NRHP and California Historical Landmarks numbered 770 and higher, are automatically included in the CRHR. Other properties recognized under the California Points of Historical Interest program, identified as significant in historic resources surveys or designated by local landmarks programs, may be nominated for inclusion in the CRHR. A resource, either an individual property or a contributor to a historic district, may be listed in the CRHR if the State Historical Resources Commission determines that it meets one or more of the following criteria, which are modeled on NRHP criteria:¹⁸

¹⁵ California Code of Regulations, Title 14, Chapter 3. CEQA Guidelines. Section 15064.5(a).

¹⁶ California Code of Regulations, Title 14, Chapter 3. CEQA Guidelines. Section 15064.5(b).

¹⁷ California Public Resources Code, Section 5024.1(a).

¹⁸ California Public Resources Code, Section 5024.1(c).

- Criterion 1: It is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage.
- Criterion 2: It is associated with the lives of persons important in our past.
- Criterion 3: It embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
- Criterion 4: It has yielded, or may be likely to yield, information important in history or prehistory.

Resources nominated to the CRHR must retain enough of their historic character or appearance to be recognizable as historic resources and to convey the reasons for their significance.¹⁹ It is possible that a resource whose integrity does not satisfy NRHP criteria may still be eligible for listing in the CRHP. Similarly, resources that have achieved significance within the last 50 years may be eligible for inclusion in the CRHR provided that enough time has lapsed to obtain a scholarly perspective on the events or individuals associated with the resource.²⁰

2.3 CITY OF LOS ANGELES

In Los Angeles, Historic-Cultural Monument designation is reserved for those places that have “unique aesthetic, architectural, cultural or historic value to the City of Los Angeles.”²¹ Ordinance No. 185472 (2018)—amending Section 22.171 of Article 1, Chapter 9, Division 22 of the Los Angeles Administrative Code—clarifies historic-cultural monument designation criteria as follows:²²

A Historic-Cultural Monument is any site (including significant trees or other plant life located thereon), building, or structure of particular historical or cultural significance to the City of Los Angeles, which meets at least one of the following criteria:

1. Is identified with important events of national, state, or local history, or exemplifies significant contributions to the broad cultural, economic or social history of the nation, state, city or community;
2. Is associated with the lives of historic personages important to national, state, city, or local history; or
3. Embodies the distinctive characteristics of a style, type, period, or method of construction; or represents a notable work of a master designer, builder, or architect whose individual genius influenced his or her age.

¹⁹ Office of Historic Preservation. N.d. Technical Assistance Bulletin 6: California Register and National Register, A Comparison (for purposes of determining eligibility for the California Register). www.ohp.parks.ca.gov

²⁰ Office of Historic Preservation. N.d. Technical Assistance Bulletin 6: California Register and National Register, A Comparison (for purposes of determining eligibility for the California Register). www.ohp.parks.ca.gov

²¹ Los Angeles Department of City Planning. 2018. Cultural Heritage Ordinance No. 185472. https://planning.lacity.org/odocument/f740b82d-c0e6-451c-a99f-d36f1ff262a9/Cultural_Heritage_Ordinance_Revised_2018.pdf (accessed October 10, 2023).

²² Los Angeles Department of City Planning. 2018. Cultural Heritage Ordinance No. 185472. https://planning.lacity.org/odocument/f740b82d-c0e6-451c-a99f-d36f1ff262a9/Cultural_Heritage_Ordinance_Revised_2018.pdf (accessed October 10, 2023).

A proposed Monument may be designated by the City Council upon the recommendation of the Commission if it meets at least one of the above criteria.

2.4 LAUSD STANDARD CONDITIONS OF APPROVAL

The proposed Project, along with all other LAUSD School Upgrade Program (SUP)–related projects, is required to comply with specific design standards and sustainable building practices. Certain standards assist in reducing environmental impacts, such as the California Green Building Code (CALGreen Code),²³ LAUSD Standard Conditions of Approval (SC),²⁴ and the Collaborative for High-Performance Schools (CHPS) criteria.²⁵

LAUSD Standard Conditions of Approval	
SC-CUL-1	<p>Historic Architect</p> <p>For projects involving structural upgrades to historic resources, the Design Team shall include a qualified Historic Architect with demonstrated project-level experience in historic projects.</p> <p>For campuses with qualifying historical resources under CEQA, the Design Team shall include an LAUSD-qualified Historic Architect. The Historic Architect/s shall meet the Secretary of the Interior’s Professional Qualifications Standards and the Standards described on page 8 of the LAUSD Design Guidelines and Treatment Approaches for Historic Schools. Throughout the project design process the Historic Architect shall provide input to ensure compliance with the Secretary of the Interior’s Standards for the Treatment of Historic Properties and LAUSD requirements and guidelines for the treatment of historical resources.</p> <p>Role of the Historic Architect</p> <p>The tasks of the Historic Architect on the Design Team shall include, but are not limited to:</p> <ul style="list-style-type: none"> • The Historic Architect shall work with the Design Team (including the Structural Engineer) and LAUSD to ensure that project components, including new construction and modernization of existing facilities, comply with the Secretary of the Interior’s Standards for the Treatment of Historic Properties and LAUSD Design Guidelines and Treatment Approaches for Historic Schools. The Historic Architect shall work with the Design Team and LAUSD throughout the design process to develop project options that facilitate compliance with the applicable historic preservation standards. • For new construction, the Historic Architect shall work with the Design Team and LAUSD to identify options and opportunities for: (1) ensuring compatibility of scale and character for new construction, site and landscape features, circulation corridors, and (2) ensuring that new construction is designed and sited in such a way that reinforces and strengthens, as much as feasible, character-defining site plan features, landscaping, and circulation corridors throughout campus.

²³ California Green Building Standards Code, Title 24, Part 11.

²⁴ Los Angeles Unified School District. 2018. Standard Conditions of Approval for District Construction, Upgrade, and Improvement Projects.

²⁵ The Board of Education’s October 2003 Resolution on Sustainability and Design of High Performance Schools directs staff to continue its efforts to ensure that every new school and modernization project in the District, from the beginning of the design process, incorporate CHPS (Collaborative for High Performance Schools) criteria to the extent possible.

	<ul style="list-style-type: none"> • For modernization and upgrade projects involving contributing (significant) buildings or features, the Historic Architect shall work with the Design Team and LAUSD to ensure that specifications for design and implementation of projects comply with the applicable historic preservation standards. • The Historic Architect shall participate in Design Team meetings during all phases of the project through 100% construction drawings, pre-construction, and construction phases, as applicable. • The Historic Architect shall prepare a memo at the 50% and at the 100% construction drawings stages, demonstrating how principal project components and treatment approaches comply with applicable historic preservation standards, including the Secretary of the Interior's Standards for the Treatment of Historic Properties and LAUSD Design Guidelines and Treatment Approaches for Historic Schools. The memos shall be submitted to LAUSD OEHS for review. • The Historic Architect shall participate in pre-construction and construction monitoring activities, as appropriate, to ensure continuing conformance with the Secretary's Standards and/or avoidance of a material impairment of the historical resources. • The Historic Architect shall provide specifications for architectural features or materials requiring restoration or removal, maintaining and protecting relevant features in place, or on-site storage. Specifications shall include detailed drawings or instructions where historic features may be impacted. • The Design Team and Historic Architect shall be responsible for incorporating LAUSD's recommended updates and revisions during the design development and review process.
<p>SC-CUL-2</p>	<p>LAUSD shall follow the guidelines outlined in these documents to the maximum extent practicable when planning and implementing projects and adjacent new construction involving historical resources.</p> <p>The Design Team, Historic Architect, and Construction Contractor shall apply LAUSD School Design Guidelines and Treatment Approaches for Historic Schools and the Secretary's Standards for all new construction and modernization projects. In keeping with the District's adopted policies and goals, historical resources shall be reused rather than destroyed, where feasible.</p> <p>General guidelines include:</p> <ul style="list-style-type: none"> • Retain and preserve the character of historic resources. • Repair rather than remove, replace, or destroy character-defining features; if replacement is necessary, replace in-kind to match materials, dimensions, and appearance. • Treat distinctive architectural features or examples of skilled craftsmanship that characterize a building with sensitivity. • Where practical, conceal reinforcement required for structural stability or the installation of life safety or mechanical systems. <ul style="list-style-type: none"> • Where necessary to halt deterioration and after the preparation of a condition assessment, undertake surface cleaning, preparation of surfaces, and other projects involving character-defining features using the least invasive, gentlest means possible. Avoid using any abrasive materials or methods including sandblasting and chemical treatments.
<p>SC-CUL-3</p>	<p>Prior to any major alteration to a historic or adjacent resource that may potentially damage historic resources (or previously identified historic features), the Historic Architect shall develop a Temporary Protection Plan that identifies potential risks to the historic resource. The Temporary Protection Plan shall be prepared in coordination with the Construction Contractor and LAUSD prior to demolition or construction. The Temporary Protection Plan may include, but not be limited to, the following components:</p>

	<ul style="list-style-type: none"> • Notation of the historic resource on construction plans. • Pre-construction survey to document the existing physical condition of the historic resource. • Procedures and timing for the placement and removal of temporary protection features, around the historic resource. • Monitoring of the installation and removal of temporary protection features by the Historic Architect, or designee. • Post-construction survey to document the condition of the historic resource after Project completion. • Preparation of a technical memorandum documenting the pre-construction and post-construction conditions of the historic resource and compliance with protective measures outlined in the Temporary Protection Plan.
SC-CUL-4	<p>Prior to significant alteration or demolition of a historical resource, LAUSD shall retain an Architectural Photographer and/or a Historian or Architectural Historian who meet the Secretary of the Interior's Professional Qualifications Standards and who shall prepare a HABS-like Historic Documentation Package (Package).</p> <p>The Package shall include photographs and descriptive narrative. Documentation will draw upon primary- and secondary-source research including available studies prepared for the property (measured drawings are not required). The specifications for the Package include:</p> <ul style="list-style-type: none"> • Photographs: Photographic documentation shall focus on the historical resources/features proposed to be significantly altered or demolished, with overview and context photographs for the campus and adjacent setting. A professional-quality camera will be used to take photographs of interior and exterior features of the buildings. Photographs will include context views, elevations/exteriors, architectural details, overall interiors, and interior details (if warranted). Digital photographs will be in black and white (as well as in color or as requested by the District) and provided in an electronic format. • Descriptive and Historic Narrative: The Historian or Architectural Historian shall prepare a descriptive and historic narrative of the historical resources/features. Physical descriptions will detail each resource, elevation by elevation, with accompanying photographs and information on how the resource fits within the broader campus during its period of significance. The historic narrative will include available information on the campus design, history, architect/contractor/designer as appropriate, history of the area, and historic context. In addition, the narrative will include a methodology section specifying the name of researcher, date of research, and sources/archives visited, as well as a bibliography. Within the written history, statements shall be footnoted as to their sources, where appropriate. <p>Historic Documentation Package Submittal: Upon completion of the descriptive and historic narrative, all materials will be compiled in electronic format and presented to LAUSD for review and comment. Upon approval, one electronic copy and one hard copy shall be submitted to LAUSD OEHS. Photographs will be individually labeled and provided to LAUSD in electronic format.</p>
SC-CUL-5	<p>LAUSD shall comply with Design Specification 01 3591, Historic Treatment Procedures, as applicable. This Specification requires the Construction Contractor to submit a Historic Treatment Plan to the District for the protection, repair, and replacement of historic materials and features.</p>
SC-CUL-6	<p>LAUSD shall retain a qualified Archaeologist to be available on-call. The Archaeologist shall meet the Secretary of the Interior's Professional Qualifications Standards (48 Federal Register 44738–39). The archaeologist must have knowledge of both prehistoric and historical archaeology.</p> <p>To reduce impacts to previously undiscovered buried archaeological resources, following completion of the final grading plan and prior to any ground disturbance, a qualified</p>

	archaeologist shall prepare an Archaeological Monitoring Program as described under SC-CUL-7.
SC-CUL-7	<p>The Construction Contractor shall halt construction activities within a 30 foot radius of the find and shall notify the LAUSD.</p> <ul style="list-style-type: none"> • LAUSD shall retain an Archaeologist that meets the Secretary of the Interior's Professional Qualifications Standards (48 Federal Register 44738–39). The archaeologist must have knowledge of both prehistoric and historical archaeology. • The Archaeologist shall have the authority to halt any project-related construction activities that could impact potentially significant resources. • The Archaeologist shall be afforded the necessary time to recover and assess the find. Ground-disturbing activities shall not continue until the discovery has been assessed by the Archaeologist. With monitoring, construction activities may continue on other areas of the project site during evaluation and treatment of historic or unique archaeological resources. • If the find is determined to be of value, the Archaeologist shall prepare an Archaeological Monitoring Program and shall monitor the remainder of the ground-disturbing activities. • Significant archaeological resources found shall be curated as determined necessary by the Archaeologist and offered to a local museum or repository willing to accept the resource. • Archaeological reports shall be submitted to the South Central Coastal Information Center at the California State University, Fullerton. • The Archaeological Monitoring Plan shall include: <ul style="list-style-type: none"> ○ Extent and duration of the monitoring based on the grading plans ○ At what soil depths monitoring of earthmoving activities shall be required ○ Location of areas to be monitored ○ Types of artifacts anticipated ○ Procedures for temporary stop and redirection of work to permit sampling, including anticipated radius of suspension of ground disturbances around discoveries and duration of evaluation of discovery to determine whether they are classified as unique or historical resources ○ Procedures for maintenance of monitoring logs, recovery, analysis, treatment, and curation of significant resources ○ Procedures for archaeological resources sensitivity training for all construction workers involved in moving soil or working near soil disturbance, including types of archaeological resources that might be found, along with laws for the protection of resources. The sensitivity training program shall also be included in a worker's environmental awareness program that is prepared by LAUSD with input from the Archaeologist, as needed. ○ Accommodation and procedures for Native American monitors, if required. ○ Procedures for discovery of Native American cultural resources. • The construction manager shall adhere to the stipulations of the Archaeological Monitoring Plan.
SC-CUL-8	Cultural resources sensitivity training shall be conducted for all construction workers involved in ground-disturbing activities. This training shall review the types of archaeological resources that might be found, along with laws for the protection of resources and shall be included in a worker's environmental awareness program that is prepared by LAUSD with input from a qualified Archaeologist, as needed.
SC-CUL-9	LAUSD shall determine whether it is feasible to prepare and implement a Phase III Data Recovery/Mitigation Program. If feasible, the Archaeologist shall prepare a Phase III Data Recovery/Mitigation Program to outline procedures to recover a statistically valid sample of the archaeological remains and to document the site and reduce impacts to be less than significant. All documentation shall be prepared in the standard format of the ARMR

	Guidelines, as prepared by the OHP. Once a Phase III Data Recovery/Mitigation Program is completed, an Archaeological Monitor shall be present to oversee the ground-disturbing activities to ensure that construction proceeds in accordance with the Program.
SC-CUL-10	All work shall stop within a 30-foot radius of the discovery. Work shall not continue until the discovery has been evaluated by a qualified Archaeologist and the local Native American representative has been contacted and consulted to assist in the accurate recordation and recovery of the resources.
SC-CUL-11	<p>LAUSD shall retain a Paleontological Monitor to oversee specific ground-disturbing activities as determined by the scope of work and final grading plan. The Monitor shall provide the construction crew(s) with a brief summary of the sensitivity, the rationale behind the need for protection of these resources, and information on the initial identification of paleontological resources.</p> <p>If paleontological resources are uncovered, the Construction Contractor shall halt construction activities within a 30-foot radius of the find and shall notify the LAUSD.</p> <ul style="list-style-type: none"> • Ground-disturbing activities shall not continue until the discovery has been assessed by the Paleontologist. • The paleontologist shall have the authority to halt construction activities to allow a reasonable amount of time to identify potential resources. • Significant resources found shall be curated as determined necessary by the Paleontologist.

2.5 SECRETARY OF THE INTERIOR STANDARDS FOR REHABILITATION

While the LAUSD Design Guidelines and Treatment Approaches for Historic Schools²⁶ provides guidance regarding treatments to historic schools, including a general description of the goals of the Secretary of the Interior's Standards (SOIS), they are stated here in their entirety for reference:

1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved.
6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials.

²⁶ SWCA Environmental Services. 2015. LAUSD Design Guidelines and Treatment Approaches for Historic Schools. Prepared for Los Angeles Unified School District.

Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.

7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
8. Significant archaeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.
9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

3.1 LITERATURE REVIEW

Prior to the commencement of field investigations, previous documentation of historic resources in the City of Los Angeles (City) was reviewed, including the LAUSD HCS, historic resource surveys, and survey report for the Northeast Los Angeles Community Plan Area (CPA), databases and historic newspapers, Los Angeles County Assessor's Maps, Los Angeles Zoning Information Map Access Systems (ZIMAS), and Sanborn Maps. In addition, the listings for the City in the California Historical Resources Inventory, which is maintained by the Office of Historic Preservation (OHP) in Sacramento and available through the South Central Coastal Information Center (SCCIC) in the Department of Anthropology at California State University at Fullerton, were examined. Site-related correspondence from OHP to the City, provided by LAUSD, was taken into account. Additional research on the history of the City and the development of the CPA was undertaken using a variety of online sources. The final list of sources is included in this report as Section 7, *References*.

Primary source materials, including previous cultural records reports (focused studies), city ordinances, state of California building codes, and LAUSD architecture guidelines, were reviewed for this investigation as provided below:

- ASM Affiliates, Inc. 2022. Final Historic Resource Evaluation Report for Irving Middle School, Los Angeles, California. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.
- City of Los Angeles. Effective July 1, 2024. 2024 Revision Record for the State of California, City of Los Angeles Green Building Standards Code. https://www.iccsafe.org/wp-content/uploads/errata_central/2022-CA_Green_July24-Supp_COMPLETE.pdf
- City of Los Angeles. March 2023 (First Version). 2023 City of Los Angeles Green Building Standards Code – Full Code. <https://codes.iccsafe.org/content/CACLAGBC2023P1/chapter-3-green-building>
- City of Los Angeles. May 1993. Mount Washington/Glassell Park Specific Plan. A Part of the General Plan – City of Los Angeles. https://planning.lacity.gov/odocument/52f7787b-be40-4f4c-b3b7-4dd54e3f3e81/Mount_WashingtonGlassell_Park_Specific_Plan.pdf
- Los Angeles Unified School District. August 2023. School Design Guide.
- Los Angeles Unified School District. December 2023. Initial Study: Irving Middle School Major Modernization Project. Prepared by Sapphos Environmental, Inc.
- Los Angeles Unified School District. Updated 2018. Standard Conditions of Approval for District Construction, Upgrade, and Improvement Projects.
- NAC Architecture. February 2023. Los Angeles Unified School District. Irving STEAM Magnet Middle School. Site Analysis & Program Development Report.

- NAC Architecture. October 2023. Los Angeles Unified School District. Irving STEAM Magnet Middle School. Criteria Documents.
- RMA Group. March 2023. Geotechnical Investigation for Irving Middle School Modernization, Irving Middle School, 3010 Estara Avenue, Los Angeles, CA 90065. Prepared for Los Angeles Unified School District.
- Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.
- SWCA Environmental Services. 2015. LAUSD Design Guidelines and Treatment Approaches for Historic Schools. Prepared for Los Angeles Unified School District.

3.2 HISTORIC RESOURCES SURVEY

On December 18, 2023, Sapphos Environmental, Inc. (Graham Larkin) performed a field inspection of the proposed Project site. Each building on the Irving MS Campus was inspected and digitally photographed from the public right-of-way. A table listing each property with its date of construction, obtained from the Los Angeles County Tax Assessor, was compiled (see Table 5-1, *Field Survey Results for Irving MS Campus*). Initial determinations of potential historical significance were made, based on the age, integrity, architectural character, and historical context of each building. Site-specific research was performed. Potential resources were evaluated using the criteria of significance for the NRHP and the CRHR, and California Historical Resource status codes were assigned, indicating whether or not each property was eligible for listing. The results of the survey are presented in Section 5, *Historic Resources Assessment*.

SECTION 4

HISTORIC CONTEXT

4.1 HISTORY OF GLASELL PARK

Historically, the areas that comprise the present-day City of Los Angeles were home to the Chumash and Tongva Native American tribes. El Pueblo de Nuestra Señora la Reina de los Ángeles de Porciúncula (El Pueblo de Los Angeles) was founded as a farming community by a group of 44 settlers from present-day northern Mexico (central New Spain) in 1781.²⁷ Sovereignty in the area changed from Mexico to the United States in 1849. A population boom started in 1885, after the Santa Fe railroad line connected Chicago to Los Angeles. In the late 1700s, land between the Los Angeles River and the Arroyo Seco was given to Jose Maria Verdugo by Spanish Governor Pedro Fages. Over 30,000 acres of this land were later purchased from the Verdugo family by attorney Alfred Beck Chapman and Andrew Glassell in 1869. The land was eventually subdivided into parcels, forming present-day communities such as Atwater Village, Highland Park, Mount Washington, Eagle Rock, and Glassell Park. By 1901, Glassell's family had sold large portions of land to the Gilchrist Investment Company, which began development on the land in the decade following. In 1912, Glassell Park was purchased again by Home and Town Builders. In the same year, a majority of the town was annexed to the City of Los Angeles as a part of the Arroyo Seco Addition. By 1916, the rest of Glassell Park was annexed to the City. Throughout the 1910s and 1920s, development continued in Glassell Park. Development of land in this era included Taylor Yards and Forest Lawn Cemetery. With development brought major roadways, such as Verdugo Road, Eagle Rock Boulevard, Fletcher Drive, and San Fernando Road. Residential spaces and single-family residences in Glassell Park typically included mostly Craftsman architectural style.²⁸

4.2 DEVELOPMENT OF THE LOS ANGELES UNIFIED SCHOOL DISTRICT

As noted in the LAUSD HCS, the history of LAUSD, founded in 1872, comprises four distinct eras within its history.²⁹ The first of these four eras is the Founding Years, taking place from the 1870s through 1909. The schools of this first era were wood-framed, one- or two-room schoolhouses, with bell towers, similar to early schools around the country in the time period. As the population in Los Angeles increased, by 1898, LAUSD expanded to include 57 facilities and almost 400 classrooms. From this era, however, only three original schoolhouses remain. Social and political reform as well as population growth changed teaching and discipline methods and eventually, larger schools were needed to accommodate larger classroom sizes and grade separation.

The Progressive Education Movement: Standardization and Expansion is the second era, from 1910 to 1933, a time during which the population expanded greatly. Public school architecture during this era mirrored philosophical reforms in education, such that the physical environment played a role in learning and addressing student needs as unique individuals, and reflected community needs, with spaces for students and the citizenry to gather. During this era, the focus on modernization and functionality of educational facilities was manifested in less monumental

²⁷ City of Los Angeles. N.d. The History of Los Angeles. <https://lacity.gov/government/history-los-angeles#:~:text=On%20September%20%2C%201781%20a,El%20Pueblo%20de%20Nuestra%20Se%C3%B1ora>

²⁸ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 18.

²⁹ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for Los Angeles Unified School District, Office of Environmental Health and Safety.

building designs, connection to the outdoors, cohesive groupings of structures on spread-out campuses, and construction techniques to enhance fire and seismic safety. State and federal legislation made school compulsory for teenagers, including those in the working world, driving construction of trade schools and junior colleges in Los Angeles.

The third significant era was the Era of Reform: Great Depression, Earthquake, and Early Experiments in the Modern, Functionalist School, from 1933 to 1945. The evolution of educational architecture in this era is characterized by modern, functional, and flexible architecture in LAUSD schools; integration of classrooms with outdoor facilities; further emphasis on the role of schools in community life; and increased sophistication of building techniques. The 1933 Long Beach earthquake left intact only those schools of the previous era built under 1927 City of Los Angeles building codes. The construction boom that followed was energized, financially and in magnitude, by PWA involvement. The PWA Moderne building design style has become synonymous with LAUSD for this era. This third era continued and expanded the differentiation of spaces and buildings dedicated to different functions and site planning along with far more rigorous construction standards employing progressive technologies such as steel and glass or reinforced concrete. A “spread out” campus also was as important in this era as it was to the preceding era, with an emphasis on landscaping for outdoor gatherings and recreation between buildings that were devoted to different uses. By contrast to older, built-out East Coast cities, Los Angeles and Southern California were horizontal in nature, and with more available acreage for these expansive school plants.

The final era described by the LAUSD HCS is Educating the Baby Boom: Postwar Expansion and the Functional, Modern School, 1945 to 1969. Birthrates and migration after World War II resulted in shortages in housing and classrooms in California, creating demand for new residential and school construction, as well as repair and maintenance of older educational infrastructure. Architecture and campus design shifted towards democratic ideals around economical functionality, childhood welfare and development, and movement beyond the stylistic conventions of the past; the cultural context in which this took place included national standardization in education. With expansion of educational facilities to meet suburban needs in the mid-1940s and -1950s, downtown LAUSD school enrollment entered a decline. The LA Board of Education veered towards a traditional curriculum by 1945, which along with population expansion led to standardization in curricula, as well as school and campus architecture. Operable windows for light and fresh air became standard devices, seen in such schools such as the Francis W. Parker Elementary School, San Diego, 1921; perhaps most radically deployed in Richard Neutra’s addition to Corona Bell School in 1934, which featured whole sliding doors to link indoors and outdoors. Plans became “more open and interconnected, with more transparency and spatial complexity.”

4.3 DEVELOPMENT OF IRVING MIDDLE SCHOOL

Development of Irving MS began in 1889 when Andrew Glassell (1827–1901), after whom Glassell Park is named, built a Victorian home where Irving MS is now located. Glassell and family also owned acres of land surrounding the home and used them for agricultural groves and orchards. The City of Los Angeles purchased the Glassell House in 1936 with the intent to establish Verdugo Road District Junior High School. District manager and architect Alfred S. Nibecker Jr. recommended school projects for expansion of Irving MS. Nibecker’s responsibility for the new campus included the Administration Building, Auditorium, Gymnasium, Cafeteria, and Shop No. 1 and Shop No. 2. The Auditorium, Physical Education Building, and Administration

Building were originally designed by master architect Edwin L. Bergstrom, while the Cafeteria and Shop No. 1 and Shop No. 2 were designed by Nibecker.³⁰ As stated in the HRER,

The addition of new buildings, including two temporary shop buildings, was scheduled at a cost of \$44,000, with Nibecker as architect. [...] The architect was shown as Bergstrom, corresponding to information on the original architectural plans for the building on file at the LAUSD Vault. On the same date, a permit was issued for a Physical Education building, with Bergstrom as the architect and Laurence J. Waller as engineer. The two-story building was described as 53 by 151 feet in size.³¹

A permit for the Cafeteria was issued in 1937. The building is shown in architectural drawings as containing a Students' Dining Room, Faculty Dining Room (north corner), Serving Room, Kitchen, and Dishwashing Room. Building permits for the Cafeteria and a temporary 40-by-60-foot single-story Temporary Shop Building (Shop No. 2) show Nibecker as the architect with J. E. Byers as engineer.³²

Two rectangular shop buildings were constructed southwest of the Cafeteria. The two shops are shown in architectural drawings as identical on the exterior, with the exception of an additional small window centered between the two doors at each of the northwest and southeast elevations of Shop No. 2. The interior of Shop No. 1 originally was intended to house a print shop and a metal shop, side by side, each with separate entrances. The interior of Shop No. 2 was designed for side-by-side electric and wood shops, with the wood shop occupying slightly more space. A third shop building was designed by Bergstrom, along with the other original buildings on campus. The design showed a larger shop with exterior design elements echoing the other buildings and with metal, electric, and woodworking shops under the same roof. It appears this building was not constructed but was replaced by the two extant shops (Shop No. 1 and Shop No. 2), which were designed a year later.³³

As noted in Sections 4.1 and 4.2, the shops are very much part of the original setting and campus layout, a built reminder that acknowledges another necessary component in education at this time—the trades—that addressed the school's utilitarian needs. When the school officially opened in 1937, the name was changed to Washington Irving Junior High School. PWA Moderne architectural features and Streamline Moderne style elements were used in the design of these buildings. In the years following the creation of the school, several nearby parcels of former single- and multi-family homes, a lumberyard, grocery stores, and other buildings were bought by the school and added to the Irving MS Campus.³⁴

³⁰ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 16.

³¹ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 11.

³² ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 16.

³³ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 16.

³⁴ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 16.

4.4 SIGNIFICANT HISTORIC CONTEXTS AND THEMES

Guidelines for establishing the significance of LAUSD historic properties are outlined in the 2014 LAUSD HCS, with consideration of historic contexts and themes, associated property types, period of significance, areas of significance, and geographic location.³⁵ In accordance with the HRER,³⁶ one context/theme and one architectural style are relevant to the Irving MS campus: *Context: Public and Private Institutional Development, Education, Theme: LAUSD, Post-1933 Long Beach Earthquake School Plants, 1933–1945; and the PWA Moderne architectural styling.* Eligibility standards, character-defining features, and integrity considerations—for both individual significance and significance as a historic district—are listed below.

CONTEXT: Public and Private Institutional Development/Education³⁷

THEME: LAUSD/Post-1933 Long Beach Earthquake School Plants, 1933–1945

- Property Type: Institutional/Educational
- Property Subtypes: Elementary, Junior High, and High School Buildings and Campuses
- Period of Significance: 1933 to 1945
- Area of Significance: Education
- Geographic Location: Citywide

Eligibility Standards

- Exemplifies post–Long Beach earthquake school planning and design concepts of the period, including requirements under the 1934 Field Act
- One-story massing for elementary schools; up to two stories for middle/junior/high schools
- Retains most of the associative and character-defining features from the period of significance

Character-Defining Features Buildings/Structures

- One-story massing for elementary schools; up to two stories for middle and senior high schools
- Reinforced concrete, steel-, or wood-frame construction
- Classroom wings designed for easy access and views to outdoors—with variations including L-, H-, T-shaped building plans
- Generous expanses of windows, including steel- and wood-framed multi-light windows, awning and hopper casements, clerestories, and large-pane fixed windows; window groupings often mark the location of classrooms
- Stylistically more streamlined and less ornamental than 1920s period-revival styles
- Emphasis on “traditional Southern Californian” styles, such as Spanish Colonial and Mission Revival
- Styles can also include PWA Streamline Moderne, Art Deco, Late Moderne, and proto-modern styles

³⁵ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for Los Angeles Unified School District, Office of Environmental Health and Safety.

³⁶ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. Pp. 74–77.

³⁷ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. Pp. 137–138.

- May have been partially or fully funded through Works Progress Administration (WPA), 1935 to 1943
- WPA projects may include significant interior artwork such as murals, paintings, and sculpture
- May have been designed by a prominent architect of the period

Campus/District

- Unified site plan consisting of buildings and structures designed and sited according to their use
- Use of designed outdoor and landscaped spaces, for outdoor study, recreation, and dining
- Often displays connecting sheltered corridors throughout campus
- Emphasis on a more expansive site plan
- Varied collection of buildings, differentiated by function and use (rather than a single building with all functions inside)
- Might include an elaborate administration building, located near the campus entrance; administration buildings usually serve as the focal point of campus
- Campus often composed of groupings of classroom wings, auditoriums, gymnasiums, cafeterias, and outdoor recreation and dining areas
- Middle or senior high schools might include a gymnasium designed in the style of the campus overall

Integrity Considerations

- Should retain most of the essential physical features from the period of significance
- Some materials may have been removed or altered
- Modern lighting and fencing of site acceptable
- Schools from this period generally include buildings constructed after the period of significance, in particular post–World War II buildings, which may be noncontributing
- Eligible properties under this theme may be a single building, if it exemplifies the design ideals of the era, or a grouping (campus) of buildings constructed during the period of significance
- Many pre-1933 schools were substantially remodeled following the Long Beach earthquake—may retain a 1920s plan but with 1930s stylistic detailing
- Pre-1933 schools rehabilitated post-1933 might exhibit added seismic supports of steel columns, beams, or diagonal bracing; original masonry might be covered by concrete/stucco sheathing
- Intact campus groupings from the pre-1945 era are not common
- Should retain integrity of materials, design, workmanship, feeling, and association from its period of significance

ARCHITECTURAL STYLE: PWA Moderne³⁸

The PWA was created by the National Industrial Recovery Act within months of the March 1933 Long Beach Earthquake. Los Angeles public schools faced widespread damage as a result of the earthquake, and school reconstruction work was funded heavily by the PWA. Many Los Angeles public schools built or remodeled during this time feature PWA Moderne styling to some extent. PWA Moderne, or “Stripped Classicism,” often uses elements from other stylistic traditions, such

³⁸ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 124.

as “Classical Revival, Spanish Colonial Revival, Art Deco, and Streamline Moderne.” As opposed to Streamline Moderne, PWA Moderne design features exhibit greater formality and symmetry, “with less emphasis on curvilinear shapes and horizontality.” The influence of PWA Moderne design remains evident in PWA-funded buildings across the USA today, despite termination of the PWA program in 1943.

Typical Character-Defining Features:

- Emphasis on the vertical axis
- Symmetrical, formal design composition and massing
- Smooth wall surfaces, generally exhibiting stucco, concrete, and/or polished stone (rarely includes brick exterior elements)
- Usually displays a flat roof
- Piers, often fluted or reeded, separating recessed window channels
- Incorporation of shallow relief panels and interior murals

Eligibility Standards for PWA Moderne, 1929–1948

Resources evaluated under this sub-theme are significant in the area of Architecture *as excellent examples of PWA Moderne style and exhibit a high quality of design through distinctive features.* PWA Moderne architecture and its austere, monumental aesthetic was popular during the Great Depression. Funded by the PWA and the National Industrial Recovery Act, it symbolized authority, stability, and continuity at a time when the nation was mired in economic turmoil. It also represented how principles associated with Moderne design were melded together with Classical elements and were adapted and applied to institutional and civic buildings. The style’s austere aesthetic was best suited to civic architecture and banks and financial institutions, but on occasion it was applied to commercial and industrial buildings constructed in the Depression era. Compared with Streamline Moderne, PWA Moderne exhibited more symmetry, with less emphasis on curved exterior forms

Period of Significance: 1929–1948

Period of Significance Justification: The PWA Moderne style was most popular in the 1930s and early 1940s, at which point new construction came to a halt and Americans’ taste in architecture shifted away from the Moderne school and toward purer expressions of Modernism that were simpler and less costly to build. The period of significance begins in 1929, when the style first began appearing in Los Angeles. Though World War II effectively brought an end to the style, a few examples were built in the very early postwar period, with the latest known example in the city dating to 1948.

Geographical Location(s): Civic buildings and other government buildings are located in Downtown, Hollywood, and other administrative centers; other institutional buildings are found citywide, especially in neighborhoods in central Los Angeles that were developed prior to World War II. Commercial examples are generally concentrated in the historic central business district of Downtown.

Area(s) of Significance: Architecture

Criterion: NR: C CR: 3 Local: 3

Associated Property Types:

- Commercial
- Institutional Note: Grouping of resources such as school and hospital campuses may comprise historic districts.

Property Type Description: The PWA Moderne style was generally applied to institutional and civic buildings. Administration buildings, post offices, courthouses, and other federally affiliated institutions often employed the style as it represented a national consensus about how these large-scale civic institutions should look. It was also applied to public school campuses, and receiving stations and distributing stations that were operated by the Los Angeles Department of Water and Power. School campuses and other properties with multiple buildings designed in the style may be evaluated as historic districts. On rare occasions, the style was adapted to a commercial context and was applied to mid- to large-scale commercial offices and telephone exchange plants, though commercial examples of the PWA Moderne style are relatively rare.

Property Type Significance: See Summary Statement of Significance above.

Eligibility Standards:

- Was constructed during the period of significance
- Exhibits quality of design through distinctive features
- Is an excellent example of the PWA Moderne style

Character-Defining /Associative Features:**For Individual Buildings or Contributing Buildings in a historic district**

- Retains most of the essential character-defining features from the period of significance
- Emphasis on verticality
- Flat roofs
- Formal symmetry and massing
- Smooth wall surfaces, such as stucco, marble, terrazzo, polished stone (and brick, although rare.) May also have textured surfaces, such as evidence of form board concrete that would have represented significant savings by eliminating the additional labor-intensive task of applying stucco.
- Pier supports and or fluted pilasters (rather than columns)
- Windows arranged in vertical recessed bays
- Stripped appearance with minimal ornamentation, including some zigzags, medallions, or plaster reliefs
- May have regional influence, exhibiting characteristics of the Spanish Colonial Revival or Mediterranean Revival style

For Historic Districts:

- Must include a majority of buildings which embody the distinctive characteristics of the PWA Moderne style
- Conveys a strong visual sense of overall historic environment from the period of significance

Integrity Considerations:

- Should retain integrity of Location, Design, Materials, Workmanship, and Feeling from the period of significance
- Retains sufficient integrity to convey significance
- Setting may have changed (surrounding buildings and land uses)
- Original use may have changed
- Replacement of some windows and doors may be acceptable if the openings have not been resized and original fenestration patterns have not been disrupted

For Historic Districts:

- District as a whole should retain sufficient integrity to convey significance
- District should retain integrity of setting, particularly when associated with designed landscapes
- May include some buildings dating from outside the period of significance

SECTION 5.0

HISTORIC RESOURCES ASSESSMENT

5.1 PREVIOUS INVESTIGATIONS

Three key LAUSD documents with information pertinent to the proposed Irving MS Project were referenced for this HRTR: the 2014 *Los Angeles Unified School District Historic Resources Survey Report* (HRSR),³⁹ 2014 LAUSD HCS, and the 2022 HRER. Document scopes and primary findings are described below.

Historic Resources Survey Report

The HRSR provides a foundation for identification, documentation, and maintenance of LAUSD's historically significant school buildings and campuses, in support of the District's management and planning activities. At the time of the district-wide historic resources survey, 55 LAUSD campuses were 45 years of age or older. The HRSR includes a table of an updated LAUSD Historic Resources Inventory and the compiled results from the LAUSD Historic Resources Survey, 2013–2014, and the Getty Resources Surveys, 2001–2004. Irving MS was evaluated as 3S - Appears eligible for National Register as an individual property through SurveyLA or other survey evaluation.

Historic Context Statement, 1870 to 1969

In conjunction with the HRSR, the HCS outlines historic contexts and themes of significance, along with relevant eligibility standards, character-defining features, and integrity considerations for each.⁴⁰ Irving MS appears to meet the thresholds of potential eligibility.

Historic Resources Evaluation Report

The HRER confirmed the eligibility of Irving MS for listing with NRHP, CRHR, and Los Angeles HCM, recommending that the Washington Irving Middle School Historic District (WIMSHD) is eligible under Criteria A/1/a and C/3/c and d, with a status code of 3D (eligible through survey evaluation). None of the buildings was deemed individually eligible for listing. Under the guidelines of the HCS, the HRER identified WIMSHD as historically significant and recommended the historic district as a historical resource in accordance with CEQA and a historic property in accordance with NHPA:

Criterion A/1/a. The six 1930s buildings on the middle school campus form a historic core that meets all three eligibility standards under the theme of LAUSD, Post-1933 Long Beach Earthquake School Plants. The WIMSHD exemplifies school planning, design, and earthquake-resistant construction under the theme of LAUSD, Post-1933 Long Beach Earthquake School Plants.

Criterion B/2. WIMSHD was recommended as *not eligible* for listing under this criterion.

³⁹ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Resources Survey Report. Prepared for the LAUSD Office of Environmental Health and Safety.

⁴⁰ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety.

Criterion C/3/c. Irving MS was described as an excellent intact example of PWA Moderne architecture applied to a middle school campus, and an important example of the work of Los Angeles architect Edwin L. Bergstrom (HRG 2017).

Criterion D/4. WIMSHD was recommended as *not eligible* for listing under this criterion, as this common property type does not have the potential to provide information.

As indicated in the HRER,

The four major original campus buildings exhibit most of the character-defining features listed in the *LAUSD Historic Context Statement*, with the exception of classroom wings designed for easy access to outdoors and an emphasis on “traditional Southern Californian” styles. As described in the context statement, the PWA Moderne style is more streamlined and less ornamental than 1920s period-revival styles. The Irving MS buildings were partially or fully funded through WPA, which was extant from 1935 through 1943. Three of the six potential contributors to the historic district, the most distinguished of the six, were designed by master architect Edwin Bergstrom, a prominent urban designer and prolific architect of the period.⁴¹

Bergstrom’s prestigious designs include the Pasadena Civic Auditorium and, as codesigner, the Pentagon Building. Bergstrom also founded the distinguished Allied Architects Association in 1921. For Irving MS, he worked with District Architect Alfred S. Nibecker Jr., who contributed the design of the Cafeteria and Shop No. 1 and Shop No. 2, closely following the design established by Bergstrom for the Cafeteria. The recommended contributors exemplify Post–1933 Long Beach Earthquake buildings; however, they are not individually outstanding examples of the theme under Criterion A/1. Research revealed no evidence that any important person was directly associated with any individual building. Therefore, none of the contributors is recommended individually eligible under Criterion B/2. Under Criterion C/3, four of the contributors exhibit the character-defining features of a PWA Moderne building. However, none rises to the level of individual significance. None of the contributors is recommended individually eligible under Criterion D/4 because they do not have the potential to provide information about history that cannot be found through historic research. In summary, none of the Irving MS buildings are recommended individually eligible for the NRHP/CRHR under any criteria.⁴²

Built Environment Resource Directory

The Built Environment Resources Directory (BERD) files provide information, organized by county, regarding non-archaeological resources in the Office of Historic Preservation’s (OHP) inventory. The OHP inventory contains information only for cultural resources that have been processed through the office. This includes resources reviewed for eligibility to the NRHP and the California Historical Landmarks programs.

BERD’s status code for the campus is 7N, meaning the property “needs to be reevaluated – formerly coded as may become eligible with specific conditions.” No date of the BERD evaluation was included in the record.

⁴¹ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 77

⁴² ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 77.

SURVEYLA

SurveyLA's evaluation for Irving MS is presented in "Historic Places LA, Los Angeles Historic Resources Inventory."⁴³ Evaluated on April 27, 2012, it determined that the campus was eligible for its embodiment "of LAUSD school planning and design concepts of the period" and also eligible as an "excellent intact example of the PWA Moderne architecture applied to a middle school campus and an important example of the work of Los Angeles architect Edwin George Bergstrom." It is listed as an "Institutional District" under Historic District Type.

SurveyLA assigned the district the following status codes:

- 3S – Appears eligible for National Register as an individual property through SurveyLA or other survey evaluation.
- 3CS – Appears eligible for California Register as an individual property through SurveyLA or other survey evaluation.
- 5S3 – Appears to be individually eligible for local listing or designation through SurveyLA or other survey evaluation.

HISTORIC CONTEXTS AND THEMES RELATED TO IRVING MS ELIGIBILITY

The Irving MS Campus buildings could be considered potentially eligible under the HCS because they meet Criterion (a) standards, as a reflection of broad cultural and economic history.^{44,45} The Campus was partially funded federally by the PWA. Additionally, the Campus exhibits design features and construction techniques used in accordance with new regulations developed by the State of California and the City of Los Angeles following the aftermath of the 1933 Long Beach Earthquake.⁴⁶ As the buildings show distinguishing characteristics of an architectural style and construction from a particular period, Criterion (c) is another potential eligibility criteria.⁴⁷ As architect Edwin L. Bergstrom influenced Los Angeles architecture, there is also potential eligibility under Criterion (d).^{48,49,50}

⁴³ City of Los Angeles. 2012. Historic Places LA. Historic District: Washington Irving Middle School. <https://historicplacesla.lacity.org/report/144f4268-f92e-49ef-bb4e-de280292d3fd>

⁴⁴ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. P. 124.

⁴⁵ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 74.

⁴⁶ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 138.

⁴⁷ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. P. 124.

⁴⁸ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. P. 124.

⁴⁹ ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety. P. 74.

⁵⁰ Heumann, Leslie, & Associates, and Anne Doehne. March 2002. Historic Schools of the Los Angeles Unified School District. Science Applications International Corporation, a presentation prepared for LAUSD Facilities Services Division.

State of California Historical Resources Inventory

The Historical Resources Inventory (HRI) maintained by the OHP includes only information on historic resources that have been identified and evaluated through one of the programs that OHP administers under the NHPA or the PRC. The HRI includes data on the following:

- Resources evaluated in local government historic resource surveys partially funded through Certified Local Government grants or in surveys that local governments have submitted for inclusion in the statewide inventory
- Resources evaluated and determinations of eligibility (DOEs) made in compliance with Section 106 of the NHPA
- Resources evaluated for federal tax credit certifications
- Resources considered for listing in the NRHP and CRHR or as California State Landmarks or Points of Historical Interest⁵¹

5.2 RESULTS OF THE FIELD SURVEY

There are 11 permanent and 6 portable buildings on the Irving MS campus. Six buildings comprise the historic core (Figure 1-2). The remaining five permanent buildings and six portable structures were constructed later and were determined to be insignificant. No further investigations of these five later permanent buildings were conducted. Six buildings, all at least 50 years old, were identified in the HRER for further study and recordation on California Historical Resources Inventory forms (HRER Appendix A, *California Department of Parks and Recreation Forms*).⁵² These same six buildings were determined to *not meet* the criteria of significance required for listing as *individual* resources in the NRHP, CRHR, or the Los Angeles Register of Historic Landmarks. The six buildings appear to meet the criteria for listing in the CRHR as contributors to a historic district and appear to have retained sufficient integrity for inclusion in the NRHP. The results of the December 18, 2023, field survey by architectural historian Graham Larkin are presented in Table 5-1, *Field Survey Results*.

⁵¹ Office of Historic Preservation. N.d. California Historical Resources Information System (CHRIS). http://ohp.parks.ca.gov/default.asp?page_id=1068.

⁵² ASM Affiliates, Inc. 2022. Historic Resource Evaluation Report: Irving Middle School. Prepared for Los Angeles Unified School District, Office of Environmental Health & Safety.

**TABLE 5-1
FIELD SURVEY RESULTS FOR IRVING MS CAMPUS**

Building	Year of Design / Construction	Architect	Eligibility Criterion (NRHP/CRHR)	CRHR Code
Administration	1936/1937	Bergstrom	A/1 and C/3	3D
Auditorium	1939	Bergstrom	A/1 and C/3	3D
Physical Education	1936/1937	Bergstrom	A/1 and C/3	3D
Cafeteria	1937	Nibecker	A/1 and C/3	3D
Shop No. 1	1937	Nibecker	A/1	3D
Shop No. 2	1937	Nibecker	A/1	3D

All six of these buildings are contributors to a historical resource, and none is individually eligible. All have been assigned a CA SHPO status of 3D.

Setting

The setting is demonstrative of LAUSD’s approach to urban campuses during the period of significance. Walkways straight and curved, lined with concrete curbs painted a bright blue, meander through expanses of grass lawn dotted with mature trees of various species including many *Washingtonia filifera* (native palm trees). Please see Figure 5-1, *Site Photographs*, for photographs of the buildings described below that were taken during a site walk on July 5, 2023, and the December 18, 2023 field survey.



PHOTO 1
Admin Northwest Facade IMS



FIGURE 5-1
Site Photographs



PHOTO 2
Admin Southeast (Primary) Facade Admin IMS



FIGURE 5-1
Site Photographs



PHOTO 3
Admin Southwest Facade Admin Bldg IMS



FIGURE 5-1
Site Photographs



PHOTO 4
Auditorium Dedication Plaque WPA



FIGURE 5-1
Site Photographs



PHOTO 5
Auditorium Interior Historic Mural



FIGURE 5-1
Site Photographs



PHOTO 6
Auditorium Primary (northwest) facade source LAUSD Final HRER by ASM



FIGURE 5-1
Site Photographs



PHOTO 7
Cafeteria South (Primary) facade



FIGURE 5-1
Site Photographs



PHOTO 8
Physical Education Bldg southwest (primary) facade IMS



FIGURE 5-1
Site Photographs



PHOTO 9
Shop 2 (identical to Shop 1)



FIGURE 5-1
Site Photographs

Administration Building

(see Photos 1–3 in Figure 5-1)

The imposing Administration Building was built in 1936–1937 and designed by architect Edwin L. Bergstrom. It is a flat-roofed concrete building in three rectangular sections, with a slightly wider central section, with a total footprint of 64 feet by 391 feet. The building is two stories high, with a partial ground-level basement at the northeast end. Facing the parking lot, the northwest elevation is entered by two doors flanking the central section and topped by multi-light stairwells. The campus-facing southeast door, in the middle of the central section, is approached by steps and flanked by full-height fluted pilasters culminating in a textured parapet set back from the roofline. There is another entrance on the southwest end, which is topped by a dramatic glass block wall between wide pilasters with a central medallion just below the roofline. This configuration is repeated, without a door, on the northeast end.

The majority of the windows are the same throughout both levels, consisting of recessed wood two-by-two over two-by-two sash set in channels between horizontal dentil molding at the top and a simple continuous stringcourse below. The windows are evenly spaced in groups of four, separated by wide-fluted sections. Bold medallions punctuate the cornice level. The concrete surfaces are enlivened by the narrow, vertical form board patterns throughout all facades.

The building contains such typical PWA Moderne features as bold massing, extensive sash fenestration, grooved horizontal awnings over the entrances, and horizontal board-form textures typical of cost-efficient Depression-era public projects. Other notable features, well-integrated and consistent with the PWA Moderne style, include horizontal plaster ornamentation, including dentils and striated stringcourses; multistory expanses of glass blocks on the southwest and northeast elevations; glass blocks flanking the ground floor entrances; concrete grilles covering secondary windows; multi-light transoms throughout the interior; and curved corners in hallways.

The interior of the Administration Building consists of a double-loaded central corridor at each floor, running the entire length of the building. The expanse of glass blocks extending from the ground level across both floors pass through the second-level floor plane, providing natural light at both ends of the corridors on both levels. The glass blocks flanking the entry at the center of the northwest elevation allow light into the interior of the ground floor at the bottom of a stairwell. The corridors have dropped ceilings of acoustical tile with inset fluorescent lighting and vinyl tile flooring. The doors are metal, each with a single vertically oriented light, and lever-type hardware. Some doors have multi-light transoms that have been painted over. Corners in the corridors are rounded. A few original wood display cases with decorative molding and glass insets remain on the first floor. In the classrooms and offices, the ceilings have acoustical tile with attached rectangular fluorescent lighting. In the interior, windows and doors have wood molding surrounds. A few original paneled wood doors with brass hardware remain in the offices.

Auditorium

(see Photos 4–6 in Figure 5-1)

Located near the northeast end of the Administration Building, the Auditorium, constructed in 1939 and designed by Edwin L. Bergstrom, is rectangular in massing. The northwest (primary) elevation faces the Administration Building, to which it is connected by way of a broad concrete pedestrian walkway. The Auditorium is in the same PWA Moderne style, except windowless, with most of the wall surface consisting of concrete articulated by horizontal board-form texturing. Four bold, wide-fluted pilasters extend for most of the height of the primary elevation. The pilasters support an articulated stringcourse topped by a bare cornice. At the center there are three low entrance doorways, set between bold rectangle and surmounted by the word “Auditorium” in cutout bronze majuscule. On the outer edges of the primary elevation, at door level, there is a bold, concrete grille of chevron, triangle, and rectangular cutouts about 5 inches deep and flush with the surface. Behind the grilles are plaster bas reliefs that may be original to the Auditorium.

On either side of the center set of double doors are two primary character-defining features. One is the dedication plaque stating “Federal Emergency Administration of Public Works” along with Franklin D. Roosevelt, President of the United States; and Harold Ickes, the influential PWA administrator. The date, 1939, is prominently displayed. On the other side of the door, the Auditorium has been renamed the Helen Watson Pierce Auditorium, dedicated June 12, 1942.

The northeast and southwest elevations are nearly identical, higher in the center to accommodate the high ceiling of the assembly hall. The hall is lit by three multi-light windows, separated on the exterior by bold, fluted pilasters. These are similar to the pilasters found on the Administration Building, but here without fluting. The Auditorium is wrapped in a stringcourse identical to the one on the Administration Building. The southeast wall, behind the stage, is plain except for pairs of wide, fluted vertical bands and a protruding cornice. On this rear end of the building, the lawn slopes down to reveal windows and service doors.

The interior is especially evocative of the period of significance. The full-width foyer features a huge terrazzo mural on the wall facing the entrance. Like the buildings, the mural was a project of the Federal Emergency Works Progress Administration, 1939, under President Roosevelt. Throughout the interior, gentle curves were introduced, for example, at corners, the ticket windows, the lobby ceiling motif, and the walls flanking the proscenium. The foyer also features four handsome circular aluminum chandeliers, also contributing to its feeling and association with PWA Moderne. The Auditorium has round aluminum chandeliers as well, slightly different from those in the foyer. The seating, with striated cast-iron side supports and molded plywood foldable seats, have been retained and appear to be in good condition. The band room is located behind the Auditorium. Additional details in the Auditorium that have been retained include original wood panel doors, frames, and hardware and a curved wood staircase with articulated handrails (a detail that also continues along the edge of the stage, visually linking the two staircases using this continuous banding). The ceiling near the stage features a soffit composed of a sequence of plaster steps for mechanical systems.

Cafeteria

(see Photo 7 in Figure 5-1)

The single-story Cafeteria is centered on the Administration Building to the northwest and generally matches that building's design strategies even though it is not designed by master architect Edwin L. Bergstrom. It is the work of School District Architect Alfred S. Nibecker Jr., and was constructed in 1937. The setting consists of paved parking areas, patios, and mature trees. A driveway that was once Rosswell Street runs parallel to the northwest elevation of the building. Similar to the other major buildings in the campus core, the building has a flat parapet capped with metal coping and a prominent stringcourse with horizontal bands a few feet below. This building is clad in smooth stucco. It echoes the design elements of the other original buildings in its use of fluted pilasters between groups of windows. It has a generally rectangular plan, with a small wing extending from the southeast elevation and an entry vestibule extending from the southwest elevation. Both of these wings have overhanging flat roofs and fascia with horizontal bands. This motif is carried through in a projecting element running across the tops of windows and doors. Cut-out bronze letters identifying the building are attached to the northwest elevation. Overflow scuppers are located above square catchment boxes (labeled "Catchment Heads" on architectural drawings), with horizontal bands capping round downspouts. Small round vents are located below the stringcourse. Vertically oriented multi-light windows paired in groups of two or three with fluted divisions that are partially operable. Notably, the interior retains some features rarely surviving in buildings of any type, including a Moderne-style water station ornamented by curved aluminum strips.

Physical Education Building

(see Photo 8 in Figure 5-1)

The two-story Physical Education Building is located southwest of the Administration Building, just northeast of the playing field. Constructed in 1937 and designed by Edwin L. Bergstrom, as noted in the HRER, the building repeats the design elements of the Administration Building, such as vertical bands of fluted pilasters, the dentil string course wrapping the building, and a flat roof line bordered by blue coping. Like its siblings, it is characterized by wide expanses of textured board-formed cast concrete. By contrast to the other two buildings, however, here the multi-light window groupings are located high on the tall second-story walls (as would be typical of spaces devoted to basketball and other sports, where the lower parts of the walls are used for stadium seating for watching the games). The shorter ground story has fewer and smaller windows. These smaller windows denote offices and locker, dressing, and storage areas. Stairwells feature vertically oriented window arrangements, clearly denoting their function on the exterior. Like its peers, curved corners bordered by curving handrails and lower steps are character-defining features of the PWA Moderne style. The gym features a high-quality maple parquet floor.

Shop No. 1 and Shop No. 2

(see Photo 9 in Figure 5-1)

These two, one-story shops, constructed in 1937 and designed by Nibecker, are very similar in footprint, flat parapet rooflines with metal coping, and rectangular massing. Located southwest of the Cafeteria and perpendicular to the Physical Education Building, these appear as plain beige stucco boxes. The southeast elevations include windows of six-by-five light operable windows; other elevations have irregularly spaced windows (all covered with metal security mesh), and single and double metal doors. Unadorned with the type of decorative features present in the other four major contributing buildings; nonetheless, they are integral to the original campus layout and its spatial relationships.

6.1 THRESHOLDS OF SIGNIFICANCE

Under CEQA, a project that may cause a substantial adverse change in the significance of a historic resource is a project that may have a significant effect on the environment. Substantial adverse change in the significance of a historic resource is defined as physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings that materially impairs, in an adverse manner, the significance of a historic resource, such that its physical characteristics no longer convey its historical significance and no longer justify its inclusion in, or eligibility for inclusion in, the CRHR, a local register of historic resources pursuant to Section 5020.1(k) of the PRC, or historic resources survey, meeting the requirements of Section 5024.1(g) of the PRC.⁵³ In general, a project that follows the *Secretary of the Interior's Standards for the Treatment of Historic Properties*⁵⁴ and associated guidelines shall be considered as mitigated to below the level of significance.⁵⁵

A portion of the campus is eligible as a historic district under the NRHP and CRHR Criteria A/1 and C/3, as a City of Los Angeles HCM under Criteria 1 and 3, and as a historical resource pursuant to CEQA. Applicable historic contexts and themes, eligibility standards, character-defining features, and integrity considerations for individual significance and significance as a historic district are provided in the HCS.⁵⁶ The following are applicable to Irving MS, as specified in the HRER:

CONTEXT: Public and Private Institutional Development/Education⁵⁷

THEME: LAUSD/Post-1933 Long Beach Earthquake School Plants

Property Type: Institutional/Educational
Property Subtypes: Elementary, Junior High, and High School Buildings and Campuses
Period of Significance: 1933 to 1945
Area of Significance: Education
Geographic Location: Citywide
Area of Significance: A/1/a

⁵³ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. Pp. 141–43.

⁵⁴ National Park Service. 1992. The Secretary of the Interior's Standards for the Treatment of Historic Properties. <http://www.cr.nps.gov/hps/tps/standguide/>.

⁵⁵ California Code of Regulations, Title 14, Chapter, CEQA Guidelines. Section 15064.5(b).

⁵⁶ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. Page 124.

⁵⁷ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. Pp. 137–38.

Below are the eligibility criteria and character-defining features that are *present* at Irving MS and *most relevant* to the historic district's significance and retention of integrity:

Eligibility Standards

- Exemplifies post–Long Beach earthquake school planning and design concepts of the period, including requirements under the 1934 Field Act
- Up to two stories in massing for middle/junior/high schools⁵⁸
- Retains most of the associative and character-defining features from the period of significance, 1936–1939

Character-Defining Features Buildings/Structures

- Up to two stories for middle and senior high schools
- Reinforced concrete, steel-, or wood-frame construction
- Generous expanses of windows, including steel- and wood-framed multi-light windows, awning and hopper casements, clerestories, and large-pane fixed windows; window groupings often mark the location of classrooms
- Stylistically more streamlined and less ornamental than 1920s period-revival styles
- Styles may include PWA Streamline Moderne, Art Deco, Late Moderne, and proto-modern styles
- May have been partially or fully funded through WPA, 1935–1943
- WPA projects may include significant interior artwork such as murals, paintings, and sculpture
- May have been designed by a prominent architect of the period

Campus/District

- Unified site plan consisting of buildings and structures designed and sited according to their use
- Use of designed outdoor and landscaped spaces, for outdoor study, recreation and dining
- Emphasis on a more expansive site plan
- Varied collection of buildings, differentiated by function and use (rather than a single building with all functions inside)
- Might include an elaborate administration building, located near the campus entrance; administration buildings usually serve as the focal point of campus.
- Campus often composed of groupings of classroom wings, auditoriums, gymnasiums, cafeterias, and outdoor recreation and dining areas
- Middle or senior high schools might include a gymnasium designed in the style of the campus overall

Integrity Considerations

- Should retain most of the essential physical features from the period of significance
- Modern lighting and fencing of site acceptable
- Schools from this period generally include buildings constructed after the period of significance, in particular post–World War II buildings, which may be noncontributing
- Eligible properties under this theme may be a single building, if it exemplifies the design ideals of the era, or a grouping (campus) of buildings constructed during the period of significance

⁵⁸ Sapphos Environmental, Inc. 2014. Los Angeles Unified School District Historic Context Statement, 1870 to 1969. Prepared for the LAUSD Office of Environmental Health and Safety. P. 137.

- Intact campus groupings from the pre-1945 era are not common
- Should retain integrity of materials, design, workmanship, feeling, and association from its period of significance

ARCHITECTURAL STYLE: PWA Moderne

AREA OF SIGNIFICANCE: C/3

Eligibility Standards:

- Was constructed during the period of significance
- Exhibits quality of design through distinctive features
- Is an excellent example of the PWA Moderne style

Character-Defining /Associative Features:

For Individual Buildings or Contributing Buildings in a Historic District

- Retains most of the essential character-defining features from the period of significance
- Emphasis on verticality
- Flat roofs
- Formal symmetry and massing
- Smooth wall surfaces, such as stucco, marble, terrazzo, polished stone (and brick, although rare.) May also have textured surfaces, such as evidence of form board concrete that would have represented significant savings by eliminating the additional labor-intensive task of applying stucco.
- Pier supports and or fluted pilasters (rather than columns)
- Windows arranged in vertical recessed bays
- Stripped appearance with minimal ornamentation, including some zigzags, medallions, or plaster reliefs
- May have regional influence, exhibiting characteristics of the Spanish Colonial Revival or Mediterranean Revival style

For Historic Districts:

- Must include a majority of buildings which embody the distinctive characteristics of the PWA Moderne style
- Conveys a strong visual sense of overall historic environment from the period of significance

Integrity Considerations:

- Should retain integrity of location, design, materials, workmanship, and feeling from the period of significance
- Retains sufficient integrity to convey significance
- Setting may have changed (surrounding buildings and land uses)
- Original use may have changed
- Replacement of some windows and doors may be acceptable if the openings have not been resized and original fenestration patterns have not been disrupted

For Historic Districts:

- District as a whole should retain sufficient integrity to convey significance
- District should retain integrity of setting, particularly when associated with designed landscapes
- May include some buildings dating from outside the period of significance

Based on above thresholds, all of which the campus meets, the Irving MS is eligible as a historic district.

6.2 IMPACTS TO HISTORIC RESOURCES

The proposed Project includes the demolition of the Administration Building, a PWA Moderne building at the center of the 1930s campus. It is approximately 35 feet away from the Auditorium, approximately 45 feet away from the Physical Education Building, and approximately 50 feet away from the Cafeteria, and it is stylistically integrated with all three of those buildings.

Demolition of the Administration Building would result in a less than significant impact on the historic district. Even absent the Administration Building, the three proximate and primary district contributors (Auditorium, Physical Education Building, Cafeteria) would retain sufficient integrity, both as individual buildings and as stylistically unified contributors to the historic district.

The other two historic resources on the campus—namely, the two shops—are at a considerably greater distance (some 125 feet and 180 feet, respectively). The intervening sightlines are disrupted by other buildings, and their relative plainness renders them stylistically distinct from the Administration Building. They would still serve as historic district contributors, part of a “varied collection of buildings, differentiated by function and use” as indicated in the eligibility criteria discussed above. Demolition, or partial demolition, of the Administration Building would not result in a significant indirect impact on the two historic shop buildings.

While the demolition of the Administration Building would compromise the integrity of the district, the other five buildings in the eligible district would fully retain their integrity and their repertoire of character-defining features, permitting the district to continue to convey its historic significance. They would continue to retain aspects of location, design, materials, workmanship, feeling, and association, while the setting would be compromised with the loss of the central hub of the campus. The five buildings would continue to function as key elements of a historic campus; as noted in the HCS under “Integrity Considerations,” “intact campus groupings from the pre-1945 era are not common,” thus providing an additional basis for maintaining the other contributing buildings in their original locations so that the district retains its status as a historic district.

6.3 MITIGATION MEASURES

A lead agency is required by CEQA to undertake all feasible mitigation measures that could avoid or minimize significant adverse impacts to the environment. If mitigation measures do not reduce significant impacts to below a level of significance, all feasible mitigation shall still be undertaken. According to PRC Section 21061.1, “feasible” is defined as being capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social, and technological measures. As discussed throughout this report, the impact of the proposed Project on historic resources would be less than significant, pursuant to the State CEQA Guidelines. Therefore, no mitigation measures are required.

Implementation of standard conditions SC-CUL-1 through SC-CUL-11 would be required under the proposed Project. For example, consistent with SC-CUL-4, prior to the initiation of any project-related demolition or construction work on a historic building, LAUSD shall ensure the preparation of Historic American Buildings Survey (HABS)-like documentation, in accordance with applicable standards described in the Secretary of the Interior's Standards for Architectural and Engineering Documentation, and as required by the LAUSD Standard Conditions in section 2.4 above.

Alternatives

If the Administration Building were to be retained and rehabilitated for seismic reinforcement, such an action would be an acceptable alternative that would be considered as mitigated to a level of less than a significant impact to a historic resource, per PRC Sections 1506.5(3) and 15331. A historical architect or architectural historian who meets the Secretary of the Interior's minimum qualifications for those classifications would be required to participate in the proposed Project.

Project Design Features

The project design features included in this HRTR reference 1976 *Secretary of the Interior's Standards for Historic Preservation Projects with Guidelines for Applying the Standards*,⁶⁰ 1995 *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings*,⁶¹ and the 1997 *National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation*.⁶² Guidelines set forth as SC-CUL-2 (see Section 2.4 of this HRTR) support LAUSD policies and goals, as developed in the following reports:

- Los Angeles Unified School District. August 2023. School Design Guide.

The School Design Guide has guidelines for the treatment of historic resources, under Section 3.1. D., Historic Preservation, p. 125:

- a. Retain and preserve the historic character of a building, structure or site.
- b. Distinctive architectural features or examples of skilled craftsmanship that characterize a building be treated with sensitivity.
- c. Reinforcement required for structural stability or the installation of life safety or mechanical systems shall be concealed.
- d. Surface cleaning of historic structures shall be undertaken with the gentlest means possible. Avoid sandblasting and chemical treatments.

Design guidelines and treatment approaches for historic schools can be found at:

- SWCA Environmental Services. 2015. LAUSD Design Guidelines and Treatment Approaches for Historic Schools. Prepared for Los Angeles Unified School District.

⁶⁰ National Park Service. 1976. Secretary of the Interior's Standards for Historic Preservation Projects with Guidelines for Applying the Standards.

⁶¹ National Park Service. 1995. Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings.

⁶² National Park Service. 1997. National Register Bulletin 15: How to Apply the National Register Criteria for Evaluation.

These guidelines and approaches include:

- Upgrade, modernization and new construction projects for schools identified as historic resources for the purposes of CEQA will conform with the SOI Standards to the maximum extent practicable;
- Master planning initiatives for schools identified as historic resources under CEQA shall be subject to environmental review and evaluation by a qualified historic preservation professional to ensure that potential negative impacts to historic resources are avoided through conformance with the SOI Standards and LAUSD cultural resource policies and procedures;
- Some modernization projects might include elements that do not conform with the SOI Standards, but the project overall might not result in significant adverse impacts to historic resources and might therefore be acceptable; such cases must be studied on a case-by-case basis;
- In cases where modernization of LAUSD's significant historic resources cannot be feasibly undertaken in conformance with the SOI Standards and significant adverse effects to historic resources result, the district shall, through the environmental review process, in conjunction with a qualified historic preservation professional, develop and implement mitigation measures to reduce adverse impacts. Mitigation monitoring will include consultation with a qualified historic preservation professional.

According to 36 CFR Part 68 of the Secretary of the Interior's Standards for the Treatment of Historic Properties, "one set of standards ... will apply to a property undergoing treatment, depending upon the property's significance, existing physical condition, the extent of documentation available, and interpretive goals, when applicable. The Standards will be applied taking into consideration the economic and technical feasibility of each project." There are four treatment approaches, each with its own set of standards.

1. "Preservation" acknowledges a resource as a document of its history over time and emphasizes stabilization, maintenance, and repair of existing historic fabric.
2. "Rehabilitation," while also incorporating the retention of features that convey historic character, accommodates alterations and additions to facilitate continuing or new uses.
3. "Restoration" involves the retention and replacement of features from a specific period of significance.
4. "Reconstruction" is the act or process of depicting, by means of new construction, the form, features, and detailing of a nonsurviving site, landscape, building, structure, or object for the purpose of replicating its appearance at a specific period of time and in its historic location.

Project Design Feature PDF-Cultural-1

LAUSD shall document the historic character of the Administration Building, Washington Irving Middle School, 3010 Estara Street, Los Angeles, including its history and architecture both exterior and interior, from the founding of the City (1781, incorporated 1850) until 1939, when the contributing buildings were completed, through a permanent, on-campus educational and interpretative exhibit. This exhibit shall be accessible to the general public for a period of at least one year, and shall include both text and historical images. The history and architecture of all contributing buildings, including the Auditorium, the Cafeteria, the Physical Education Building, and Shop No. 1 and Shop No. 2, shall be included in the exhibit, and in any accompanying

brochure or webpage. A historical architect, historian, or architectural historian who meets the Secretary of the Interior's professional qualifications shall be engaged to research and write the exhibit, brochure, or webpage. The exhibit, brochure, or webpage shall be initiated within 6 months of the approval of the proposed Project and shall be completed within a period of no more than 2 years. The Administration Building should be outlined with flush pavers (perhaps remnants of the board-form concrete so characteristic of the era in LAUSD history), with landscape, water features that employ sustainable methods for water conservation, or other creative strategies that clearly indicate the original footprint.

6.4 LEVEL OF SIGNIFICANCE AFTER MITIGATION

The impact of the proposed Project on historic resources would be less than significant. Therefore, no mitigation measures are required.

6.5 CONCLUSION

This HRTR affirms the findings in the HRER that a portion of the campus is eligible under the NRHP and CRHR Criteria A/1 and C/3, as a City of Los Angeles HCM under Criteria 1 and 3 and, therefore, is a historical resource pursuant to CEQA. This HRTR addresses an 11.2-acre study area located at 3010 Estara Avenue, City of Los Angeles, Los Angeles County, California, within the USGS Los Angeles topographic quadrangle. This evaluation was prepared to determine the historical resource/historic property status of original buildings on the Irving MS Campus, both individually as buildings over 45 years of age, and as potential contributors to a historic district to facilitate LAUSD compliance with CEQA.

The analysis indicates that six buildings on the Irving MS campus are eligible for historic designation as City of Los Angeles landmarks, as contributors to the Irving MS Campus historic district. The proposed Project includes the demolition of the Administration Building, an action that would weaken but not invalidate the eligibility of the Campus as a historic district. Demolition of the Administration Building would result in a less than significant impact to the historic district. The five remaining historic buildings would remain in place and continue to convey the historic significance of the district.

In accordance with the HCS, the historic portion of the school campus currently retains all the essential physical features from the period of significance, 1936–1939, and the Washington Irving Middle School Historic District continues to be eligible as a historical resource.

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LAUSD Irving MS Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	LAUSD Irving MS
Construction Start Date	12/1/2026
Operational Year	2030
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	0.50
Precipitation (days)	8.60
Location	34.11653252835012, -118.24117248396762
County	Los Angeles-South Coast
City	Los Angeles
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	3970
EDFZ	16
Electric Utility	Los Angeles Department of Water & Power
Gas Utility	Southern California Gas
App Version	2022.1.1.25

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
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Junior High School	60.0	1000sqft	1.38	60,000	1.00	2.00	—	—
Other Asphalt Surfaces	0.30	Acre	0.30	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-1-B	Use Cleaner-Fuel Equipment
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-3	Use Local Construction Contractors
Construction	C-4*	Use Local and Sustainable Building Materials
Construction	C-9	Use Dust Suppressants
Transportation	T-30*	Use Cleaner-Fuel Vehicles
Energy	E-2	Require Energy Efficient Appliances
Water	W-5	Design Water-Efficient Landscapes
Waste	S-4*	Recycle Demolished Construction Material
Refrigerants	R-7*	Reduce Disposal Emissions

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	56.2	56.1	5.82	6.38	0.02	0.15	1.20	1.34	0.14	0.28	0.42	—	3,155	3,155	0.16	0.40	6.30	3,286
Mit.	56.2	56.1	5.78	5.36	0.02	0.15	1.03	1.18	0.14	0.24	0.38	—	2,984	2,984	0.16	0.40	5.71	3,113

% Reduced	< 0.5%	< 0.5%	1%	16%	—	—	14%	12%	—	14%	9%	—	5%	5%	3%	1%	9%	5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.65	0.54	5.95	6.14	0.02	0.15	1.20	1.34	0.14	0.28	0.42	—	3,144	3,144	0.16	0.40	0.16	3,268
Mit.	0.63	0.52	5.90	5.32	0.02	0.15	1.03	1.18	0.14	0.24	0.38	—	2,982	2,982	0.16	0.40	0.15	3,105
% Reduced	4%	3%	1%	13%	—	—	14%	12%	—	14%	9%	—	5%	5%	3%	1%	9%	5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.81	1.76	2.98	4.38	0.01	0.10	0.40	0.46	0.09	0.10	0.16	—	1,157	1,157	0.06	0.13	0.91	1,172
Mit.	1.80	1.76	2.94	3.79	0.01	0.10	0.34	0.39	0.09	0.08	0.13	—	1,037	1,037	0.05	0.13	0.81	1,079
% Reduced	< 0.5%	< 0.5%	1%	13%	—	—	16%	14%	—	16%	20%	—	10%	10%	3%	1%	11%	8%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.33	0.32	0.54	0.80	< 0.005	0.02	0.07	0.08	0.02	0.02	0.03	—	191	191	0.01	0.02	0.15	194
Mit.	0.33	0.32	0.54	0.69	< 0.005	0.02	0.06	0.07	0.02	0.01	0.02	—	172	172	0.01	0.02	0.13	179
% Reduced	< 0.5%	< 0.5%	1%	13%	—	—	16%	14%	—	16%	20%	—	10%	10%	3%	1%	11%	8%

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.62	0.42	5.82	4.95	0.02	0.14	1.20	1.34	0.14	0.28	0.42	—	3,155	3,155	0.16	0.40	6.30	3,286
2027	0.65	0.54	4.35	6.38	0.01	0.15	0.43	0.58	0.14	0.10	0.24	—	1,641	1,641	0.07	0.06	1.90	1,664

2028	0.63	0.52	4.14	6.28	0.01	0.14	0.43	0.57	0.12	0.10	0.23	—	1,628	1,628	0.05	0.06	1.75	1,650
2029	56.2	56.1	3.96	6.15	0.01	0.13	0.43	0.56	0.12	0.10	0.22	—	1,614	1,614	0.05	0.06	1.60	1,635
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.62	0.41	5.95	4.80	0.02	0.14	1.20	1.34	0.14	0.28	0.42	—	3,144	3,144	0.16	0.40	0.16	3,268
2027	0.65	0.54	4.38	6.14	0.01	0.15	0.43	0.58	0.14	0.10	0.24	—	1,623	1,623	0.06	0.06	0.05	1,644
2028	0.63	0.52	4.16	6.06	0.01	0.14	0.43	0.57	0.12	0.10	0.23	—	1,610	1,610	0.05	0.06	0.05	1,631
2029	0.60	0.51	3.99	5.94	0.01	0.13	0.43	0.56	0.12	0.10	0.22	—	1,596	1,596	0.05	0.06	0.04	1,617
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.23	0.16	2.16	1.99	0.01	0.05	0.40	0.46	0.05	0.10	0.15	—	1,100	1,100	0.06	0.13	0.91	1,142
2027	0.44	0.36	2.97	4.21	0.01	0.10	0.29	0.39	0.09	0.07	0.16	—	1,100	1,100	0.04	0.04	0.55	1,115
2028	0.45	0.37	2.98	4.38	0.01	0.10	0.31	0.40	0.09	0.07	0.16	—	1,157	1,157	0.04	0.05	0.54	1,172
2029	1.81	1.76	1.80	2.72	0.01	0.06	0.18	0.24	0.05	0.04	0.10	—	686	686	0.02	0.03	0.28	695
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04	0.03	0.39	0.36	< 0.005	0.01	0.07	0.08	0.01	0.02	0.03	—	182	182	0.01	0.02	0.15	189
2027	0.08	0.07	0.54	0.77	< 0.005	0.02	0.05	0.07	0.02	0.01	0.03	—	182	182	0.01	0.01	0.09	185
2028	0.08	0.07	0.54	0.80	< 0.005	0.02	0.06	0.07	0.02	0.01	0.03	—	191	191	0.01	0.01	0.09	194
2029	0.33	0.32	0.33	0.50	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	114	114	< 0.005	< 0.005	0.05	115

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.61	0.40	5.78	4.22	0.02	0.14	1.03	1.18	0.14	0.24	0.38	—	2,984	2,984	0.16	0.40	5.71	3,113
2027	0.63	0.53	4.29	5.36	0.01	0.15	0.18	0.33	0.14	0.05	0.18	—	1,390	1,390	0.06	0.06	1.11	1,409

2028	0.61	0.51	4.08	5.32	0.01	0.14	0.18	0.32	0.12	0.05	0.17	—	1,381	1,381	0.05	0.06	1.03	1,400
2029	56.2	56.1	3.91	5.26	0.01	0.13	0.18	0.31	0.12	0.05	0.16	—	1,371	1,371	0.05	0.06	0.96	1,390
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.60	0.40	5.90	4.20	0.02	0.14	1.03	1.18	0.14	0.24	0.38	—	2,982	2,982	0.16	0.40	0.15	3,105
2027	0.63	0.52	4.31	5.32	0.01	0.15	0.18	0.33	0.14	0.05	0.18	—	1,385	1,385	0.06	0.06	0.03	1,404
2028	0.61	0.51	4.10	5.28	0.01	0.14	0.18	0.32	0.12	0.05	0.17	—	1,377	1,377	0.05	0.06	0.03	1,395
2029	0.59	0.49	3.93	5.23	0.01	0.13	0.18	0.31	0.12	0.05	0.16	—	1,367	1,367	0.05	0.06	0.02	1,385
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.22	0.15	2.14	1.75	0.01	0.05	0.34	0.39	0.05	0.08	0.13	—	1,037	1,037	0.05	0.13	0.81	1,079
2027	0.42	0.35	2.92	3.62	0.01	0.10	0.12	0.22	0.09	0.03	0.12	—	937	937	0.04	0.04	0.32	950
2028	0.43	0.36	2.94	3.79	0.01	0.10	0.13	0.23	0.09	0.03	0.12	—	987	987	0.04	0.04	0.32	1,000
2029	1.80	1.76	1.78	2.39	0.01	0.06	0.07	0.13	0.05	0.02	0.07	—	588	588	0.02	0.02	0.17	595
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.04	0.03	0.39	0.32	< 0.005	0.01	0.06	0.07	0.01	0.01	0.02	—	172	172	0.01	0.02	0.13	179
2027	0.08	0.06	0.53	0.66	< 0.005	0.02	0.02	0.04	0.02	0.01	0.02	—	155	155	0.01	0.01	0.05	157
2028	0.08	0.07	0.54	0.69	< 0.005	0.02	0.02	0.04	0.02	0.01	0.02	—	163	163	0.01	0.01	0.05	166
2029	0.33	0.32	0.32	0.44	< 0.005	0.01	0.01	0.02	0.01	< 0.005	0.01	—	97.3	97.3	< 0.005	< 0.005	0.03	98.5

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.94	1.88	0.34	2.88	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,169	1,213	4.53	0.01	0.23	1,331
Mit.	1.94	1.88	0.34	2.88	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,163	1,208	4.53	0.01	0.23	1,325

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	—	—	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.47	1.46	0.32	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	44.4	1,158	1,202	4.53	0.01	0.23	1,320
Mit.	1.47	1.46	0.32	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	44.4	1,152	1,197	4.53	0.01	0.23	1,315
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	—	—	—	< 0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.79	1.75	0.34	2.06	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,165	1,210	4.53	0.01	0.23	1,328
Mit.	1.79	1.75	0.34	2.06	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,160	1,204	4.53	0.01	0.23	1,322
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	—	—	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.33	0.32	0.06	0.38	< 0.005	0.01	0.00	0.01	< 0.005	0.00	< 0.005	7.35	193	200	0.75	< 0.005	0.04	220
Mit.	0.33	0.32	0.06	0.38	< 0.005	0.01	0.00	0.01	< 0.005	0.00	< 0.005	7.35	192	199	0.75	< 0.005	0.04	219
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.90	1.87	0.02	2.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.7	10.7	< 0.005	< 0.005	—	10.8

Energy	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,142	1,142	0.09	0.01	—	1,147
Water	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	1.94	1.88	0.34	2.88	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,169	1,213	4.53	0.01	0.23	1,331
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.44	1.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,142	1,142	0.09	0.01	—	1,147
Water	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	1.47	1.46	0.32	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	44.4	1,158	1,202	4.53	0.01	0.23	1,320
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.76	1.73	0.02	1.79	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.35	7.35	< 0.005	< 0.005	—	7.38
Energy	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,142	1,142	0.09	0.01	—	1,147
Water	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	1.79	1.75	0.34	2.06	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,165	1,210	4.53	0.01	0.23	1,328
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.32	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.22	1.22	< 0.005	< 0.005	—	1.22
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	189	189	0.01	< 0.005	—	190
Water	—	—	—	—	—	—	—	—	—	—	—	0.39	2.64	3.03	0.04	< 0.005	—	4.33

Waste	—	—	—	—	—	—	—	—	—	—	—	6.96	0.00	6.96	0.70	0.00	—	24.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	0.33	0.32	0.06	0.38	< 0.005	0.01	0.00	0.01	< 0.005	0.00	< 0.005	7.35	193	200	0.75	< 0.005	0.04	220

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.90	1.87	0.02	2.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.7	10.7	< 0.005	< 0.005	—	10.8
Energy	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,137	1,137	0.09	0.01	—	1,141
Water	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	1.94	1.88	0.34	2.88	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,163	1,208	4.53	0.01	0.23	1,325
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.44	1.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,137	1,137	0.09	0.01	—	1,141
Water	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	1.47	1.46	0.32	0.27	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	44.4	1,152	1,197	4.53	0.01	0.23	1,315
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	1.76	1.73	0.02	1.79	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.35	7.35	< 0.005	< 0.005	—	7.38
Energy	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	1,137	1,137	0.09	0.01	—	1,141
Water	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Waste	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	1.79	1.75	0.34	2.06	< 0.005	0.03	0.00	0.03	0.03	0.00	0.03	44.4	1,160	1,204	4.53	0.01	0.23	1,322
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.32	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.22	1.22	< 0.005	< 0.005	—	1.22
Energy	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	188	188	0.01	< 0.005	—	189
Water	—	—	—	—	—	—	—	—	—	—	—	0.39	2.64	3.03	0.04	< 0.005	—	4.33
Waste	—	—	—	—	—	—	—	—	—	—	—	6.96	0.00	6.96	0.70	0.00	—	24.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	0.33	0.32	0.06	0.38	< 0.005	0.01	0.00	0.01	< 0.005	0.00	< 0.005	7.35	192	199	0.75	< 0.005	0.04	219

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.81	2.66	< 0.005	0.11	—	0.11	0.10	—	0.10	—	469	469	0.02	< 0.005	—	471
Demolition	—	—	—	—	—	—	0.30	0.30	—	0.05	0.05	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.81	2.66	< 0.005	0.11	—	0.11	0.10	—	0.10	—	469	469	0.02	< 0.005	—	471	
Demolition	—	—	—	—	—	—	0.30	0.30	—	0.05	0.05	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.12	0.10	0.92	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	154	154	0.01	< 0.005	—	155	
Demolition	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Off-Road Equipment	0.02	0.02	0.17	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	25.6	25.6	< 0.005	< 0.005	—	25.6	
Demolition	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.07	0.06	0.07	1.13	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	237	237	0.01	0.01	0.80	241	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.18	0.04	2.94	1.16	0.02	0.03	0.67	0.70	0.03	0.18	0.21	—	2,449	2,449	0.14	0.39	5.49	2,574	

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.96	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	225	225	0.01	0.01	0.02	228
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.17	0.04	3.06	1.17	0.02	0.03	0.67	0.70	0.03	0.18	0.21	—	2,450	2,450	0.14	0.39	0.14	2,570
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.33	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	75.0	75.0	< 0.005	< 0.005	0.11	76.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	0.01	1.02	0.38	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	805	805	0.04	0.13	0.78	845
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.4	12.4	< 0.005	< 0.005	0.02	12.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.19	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	133	133	0.01	0.02	0.13	140

3.2. Demolition (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.81	2.66	< 0.005	0.11	—	0.11	0.10	—	0.10	—	469	469	0.02	< 0.005	—	471
Demolition	—	—	—	—	—	—	0.30	0.30	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.81	2.66	< 0.005	0.11	—	0.11	0.10	—	0.10	—	469	469	0.02	< 0.005	—	471
Demolition	—	—	—	—	—	—	0.30	0.30	—	0.05	0.05	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.92	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	154	154	0.01	< 0.005	—	155
Demolition	—	—	—	—	—	—	0.10	0.10	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	25.6	25.6	< 0.005	< 0.005	—	25.6
Demolition	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.03	0.40	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	66.2	66.2	< 0.005	< 0.005	0.22	67.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.18	0.04	2.94	1.16	0.02	0.03	0.67	0.70	0.03	0.18	0.21	—	2,449	2,449	0.14	0.39	5.49	2,574

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.03	0.37	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	62.9	62.9	0.01	< 0.005	0.01	64.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.17	0.04	3.06	1.17	0.02	0.03	0.67	0.70	0.03	0.18	0.21	—	2,450	2,450	0.14	0.39	0.14	2,570
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.12	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	21.0	21.0	< 0.005	< 0.005	0.03	21.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	0.01	1.02	0.38	0.01	0.01	0.22	0.23	0.01	0.06	0.07	—	805	805	0.04	0.13	0.78	845
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.47	3.47	< 0.005	< 0.005	0.01	3.54
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.19	0.07	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	133	133	0.01	0.02	0.13	140

3.3. Site Preparation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.95	< 0.005	0.02	—	0.02	0.02	—	0.02	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.95	< 0.005	0.02	—	0.02	0.02	—	0.02	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	53.4	53.4	< 0.005	< 0.005	—	53.6
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.84	8.84	< 0.005	< 0.005	—	8.87
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.9	33.9	< 0.005	< 0.005	0.11	34.4

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.1	32.1	< 0.005	< 0.005	< 0.005	32.5	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.0	12.0	< 0.005	< 0.005	0.02	12.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.98	1.98	< 0.005	< 0.005	< 0.005	2.01	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2026) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.95	< 0.005	0.02	—	0.02	0.02	—	0.02	—	145	145	0.01	< 0.005	—	146

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.52	0.95	< 0.005	0.02	—	0.02	0.02	—	0.02	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.35	< 0.005	0.01	—	0.01	0.01	—	0.01	—	53.4	53.4	< 0.005	< 0.005	—	53.6
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.84	8.84	< 0.005	< 0.005	—	8.87
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.46	9.46	< 0.005	< 0.005	0.03	9.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.99	8.99	< 0.005	< 0.005	< 0.005	9.14
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.36	3.36	< 0.005	< 0.005	< 0.005	3.42
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.56	0.56	< 0.005	< 0.005	< 0.005	0.57
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Site Preparation (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.50	0.96	< 0.005	0.01	—	0.01	0.01	—	0.01	—	145	145	0.01	< 0.005	—	146
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.25	6.25	< 0.005	< 0.005	—	6.27
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.04
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.13	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	31.5	31.5	< 0.005	< 0.005	< 0.005	31.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.23	0.23	< 0.005	< 0.005	< 0.005	0.23
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Site Preparation (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.50	0.96	< 0.005	0.01	—	0.01	0.01	—	0.01	—	145	145	0.01	< 0.005	—	146

Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.25	6.25	< 0.005	< 0.005	—	6.27
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.03	1.03	< 0.005	< 0.005	—	1.04
Dust From Material Movement:	—	—	—	—	—	—	0.00	0.00	—	0.00	0.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.82	8.82	< 0.005	< 0.005	< 0.005	8.96
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.39	0.39	< 0.005	< 0.005	< 0.005	0.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.06	0.06	< 0.005	< 0.005	< 0.005	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.44	3.92	4.65	0.01	0.15	—	0.15	0.13	—	0.13	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.44	3.92	4.65	0.01	0.15	—	0.15	0.13	—	0.13	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.29	2.63	3.12	0.01	0.10	—	0.10	0.09	—	0.09	—	658	658	0.03	0.01	—	661
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.48	0.57	< 0.005	0.02	—	0.02	0.02	—	0.02	—	109	109	< 0.005	< 0.005	—	109
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.09	0.09	1.57	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	348	348	0.01	0.01	1.08	353
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	312	312	0.01	0.04	0.81	326
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.33	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	330	330	< 0.005	0.01	0.03	334
Vendor	0.02	0.01	0.35	0.16	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	312	312	0.01	0.04	0.02	325
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.08	0.94	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	225	225	< 0.005	0.01	0.31	228
Vendor	0.01	0.01	0.24	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	209	209	0.01	0.03	0.24	218
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.2	37.2	< 0.005	< 0.005	0.05	37.7
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.7	34.7	< 0.005	< 0.005	0.04	36.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2027) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.44	3.92	4.65	0.01	0.15	—	0.15	0.13	—	0.13	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.44	3.92	4.65	0.01	0.15	—	0.15	0.13	—	0.13	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.29	2.63	3.12	0.01	0.10	—	0.10	0.09	—	0.09	—	658	658	0.03	0.01	—	661
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.48	0.57	< 0.005	0.02	—	0.02	0.02	—	0.02	—	109	109	< 0.005	< 0.005	—	109
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.04	0.55	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	97.3	97.3	0.01	< 0.005	0.29	99.1
Vendor	0.02	0.01	0.34	0.16	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	312	312	0.01	0.04	0.81	326
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.04	0.51	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	92.4	92.4	< 0.005	< 0.005	0.01	93.9
Vendor	0.02	0.01	0.35	0.16	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	312	312	0.01	0.04	0.02	325
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.03	0.35	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	62.9	62.9	< 0.005	< 0.005	0.08	64.0
Vendor	0.01	0.01	0.24	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	209	209	0.01	0.03	0.24	218
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.4	10.4	< 0.005	< 0.005	0.01	10.6
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	34.7	34.7	< 0.005	< 0.005	0.04	36.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2028) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.51	0.43	3.73	4.64	0.01	0.13	—	0.13	0.12	—	0.12	—	981	981	0.04	0.01	—	985
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.73	4.64	0.01	0.13	—	0.13	0.12	—	0.12	—	981	981	0.04	0.01	—	985
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.67	3.33	0.01	0.10	—	0.10	0.09	—	0.09	—	703	703	0.03	0.01	—	705
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.49	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	116	116	< 0.005	< 0.005	—	117
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.09	1.48	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	342	342	< 0.005	0.01	0.97	347
Vendor	0.02	0.01	0.32	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.01	0.04	0.77	318
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.10	1.26	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	324	324	< 0.005	0.01	0.03	328

Vendor	0.02	0.01	0.33	0.16	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.01	0.04	0.02	318
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.94	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	236	236	< 0.005	0.01	0.30	239
Vendor	0.01	0.01	0.24	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	218	218	0.01	0.03	0.24	228
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	39.0	39.0	< 0.005	< 0.005	0.05	39.5
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.1	36.1	< 0.005	0.01	0.04	37.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2028) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.73	4.64	0.01	0.13	—	0.13	0.12	—	0.12	—	981	981	0.04	0.01	—	985
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.43	3.73	4.64	0.01	0.13	—	0.13	0.12	—	0.12	—	981	981	0.04	0.01	—	985
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.67	3.33	0.01	0.10	—	0.10	0.09	—	0.09	—	703	703	0.03	0.01	—	705
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.49	0.61	< 0.005	0.02	—	0.02	0.02	—	0.02	—	116	116	< 0.005	< 0.005	—	117
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.03	0.52	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	95.5	95.5	< 0.005	< 0.005	0.26	97.3
Vendor	0.02	0.01	0.32	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.01	0.04	0.77	318
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.04	0.48	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	90.8	90.8	< 0.005	< 0.005	0.01	92.3
Vendor	0.02	0.01	0.33	0.16	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	305	305	0.01	0.04	0.02	318
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.03	0.35	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	65.9	65.9	< 0.005	< 0.005	0.08	67.1
Vendor	0.01	0.01	0.24	0.11	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	218	218	0.01	0.03	0.24	228
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.01	11.1

Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	36.1	36.1	< 0.005	0.01	0.04	37.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Building Construction (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	3.58	4.62	0.01	0.12	—	0.12	0.11	—	0.11	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	3.58	4.62	0.01	0.12	—	0.12	0.11	—	0.11	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.16	1.41	1.82	< 0.005	0.05	—	0.05	0.05	—	0.05	—	386	386	0.02	< 0.005	—	387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.26	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	63.9	63.9	< 0.005	< 0.005	—	64.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.38	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	336	336	< 0.005	0.01	0.87	341
Vendor	0.02	0.01	0.30	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	297	297	0.01	0.04	0.72	310
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.09	1.17	0.00	0.00	0.34	0.34	0.00	0.08	0.08	—	319	319	< 0.005	0.01	0.02	323
Vendor	0.02	0.01	0.32	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	297	297	0.01	0.04	0.02	310
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.04	0.48	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	127	127	< 0.005	< 0.005	0.15	129
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	117	117	< 0.005	0.02	0.12	122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	21.1	21.1	< 0.005	< 0.005	0.02	21.3
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.02	20.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Building Construction (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.50	0.42	3.58	4.62	0.01	0.12	—	0.12	0.11	—	0.11	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.42	3.58	4.62	0.01	0.12	—	0.12	0.11	—	0.11	—	981	981	0.04	0.01	—	984
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.20	0.16	1.41	1.82	< 0.005	0.05	—	0.05	0.05	—	0.05	—	386	386	0.02	< 0.005	—	387
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.26	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	63.9	63.9	< 0.005	< 0.005	—	64.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.03	0.49	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.9	93.9	< 0.005	< 0.005	0.24	95.6
Vendor	0.02	0.01	0.30	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	297	297	0.01	0.04	0.72	310
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	89.2	89.2	< 0.005	< 0.005	0.01	90.7

Vendor	0.02	0.01	0.32	0.15	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	297	297	0.01	0.04	0.02	310
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.04	36.2
Vendor	0.01	< 0.005	0.13	0.06	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	117	117	< 0.005	0.02	0.12	122
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.89	5.89	< 0.005	< 0.005	0.01	6.00
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.02	20.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Paving (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.24	2.11	2.93	< 0.005	0.09	—	0.09	0.08	—	0.08	—	439	439	0.02	< 0.005	—	440
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.03	0.02	0.21	0.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	43.3	43.3	< 0.005	< 0.005	—	43.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.17	7.17	< 0.005	< 0.005	—	7.19
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.01	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.1	64.1	< 0.005	< 0.005	0.17	65.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.09	6.09	< 0.005	< 0.005	0.01	6.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.01	1.01	< 0.005	< 0.005	< 0.005	1.02
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Paving (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.24	2.11	2.93	< 0.005	0.09	—	0.09	0.08	—	0.08	—	439	439	0.02	< 0.005	—	440
Paving	0.02	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.29	< 0.005	0.01	—	0.01	0.01	—	0.01	—	43.3	43.3	< 0.005	< 0.005	—	43.4
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.17	7.17	< 0.005	< 0.005	—	7.19
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	17.9	17.9	< 0.005	< 0.005	0.05	18.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.70	1.70	< 0.005	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.28	0.28	< 0.005	< 0.005	< 0.005	0.29
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Architectural Coating (2029) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architect ural Coatings	56.0	56.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	1.53	1.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	0.28	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.03	0.55	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	135	135	< 0.005	< 0.005	0.35	137
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.55	3.55	< 0.005	< 0.005	< 0.005	3.60

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.60	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

3.16. Architectural Coating (2029) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.79	1.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	56.0	56.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	1.53	1.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61	
Architectural Coatings	0.28	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.03	0.03	0.01	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	37.6	37.6	< 0.005	< 0.005	0.09	38.3	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.99	0.99	< 0.005	< 0.005	< 0.005	1.01	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.16	0.16	< 0.005	< 0.005	< 0.005	0.17	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.1.2. Mitigated

Mobile source emissions results are presented in Sections 2.5. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	759	759	0.05	0.01	—	762
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	759	759	0.05	0.01	—	762
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	759	759	0.05	0.01	—	762

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	759	759	0.05	0.01	—	762
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	126	126	0.01	< 0.005	—	126
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	126	126	0.01	< 0.005	—	126

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	753	753	0.05	0.01	—	757
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	753	753	0.05	0.01	—	757
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	753	753	0.05	0.01	—	757

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	753	753	0.05	0.01	—	757
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	125	125	0.01	< 0.005	—	125
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	125	125	0.01	< 0.005	—	125

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	63.5	63.5	0.01	< 0.005	—	63.6
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	63.5	63.5	0.01	< 0.005	—	63.6

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.04	0.02	0.32	0.27	< 0.005	0.02	—	0.02	0.02	—	0.02	—	383	383	0.03	< 0.005	—	384
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	63.5	63.5	0.01	< 0.005	—	63.6
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	< 0.005	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	63.5	63.5	0.01	< 0.005	—	63.6

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.29	1.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.46	0.43	0.02	2.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.7	10.7	< 0.005	< 0.005	—	10.8
Total	1.90	1.87	0.02	2.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.7	10.7	< 0.005	< 0.005	—	10.8

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.29	1.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.44	1.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.23	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.06	0.05	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.22	1.22	< 0.005	< 0.005	—	1.22
Total	0.32	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.22	1.22	< 0.005	< 0.005	—	1.22

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.29	1.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.46	0.43	0.02	2.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.7	10.7	< 0.005	< 0.005	—	10.8
Total	1.90	1.87	0.02	2.61	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.7	10.7	< 0.005	< 0.005	—	10.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.29	1.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1.44	1.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.23	0.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.03	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.06	0.05	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.22	1.22	< 0.005	< 0.005	—	1.22
Total	0.32	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.22	1.22	< 0.005	< 0.005	—	1.22

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	0.39	2.64	3.03	0.04	< 0.005	—	4.33
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.39	2.64	3.03	0.04	< 0.005	—	4.33

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.37	15.9	18.3	0.24	0.01	—	26.2
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	0.39	2.64	3.03	0.04	< 0.005	—	4.33
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.39	2.64	3.03	0.04	< 0.005	—	4.33

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	6.96	0.00	6.96	0.70	0.00	—	24.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.96	0.00	6.96	0.70	0.00	—	24.3

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	42.0	0.00	42.0	4.20	0.00	—	147
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	6.96	0.00	6.96	0.70	0.00	—	24.3
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.96	0.00	6.96	0.70	0.00	—	24.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.23	0.23
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Junior High School	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.04	0.04

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
------------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
---------	-----	-----	-----	----	-----	-------	-------	-------	--------	--------	--------	------	-------	------	-----	-----	---	------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/12/2026	6/26/2026	5.00	120	—
Site Preparation	Site Preparation	6/27/2026	1/22/2027	5.00	150	—
Building Construction	Building Construction	1/23/2027	7/20/2029	5.00	650	—
Paving	Paving	7/21/2029	9/10/2029	5.00	36.0	—
Architectural Coating	Architectural Coating	9/11/2029	9/24/2029	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Excavators	Diesel	Average	1.00	4.00	33.0	0.73

Demolition	Rubber Tired Dozers	Diesel	Average	1.00	2.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	4.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	4.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	4.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	2.00	46.0	0.45
Paving	Pavers	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Excavators	Diesel	Average	1.00	4.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	2.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	4.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	4.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	4.00	82.0	0.20
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	7.00	84.0	0.37
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	2.00	46.0	0.45
Paving	Pavers	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	17.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	36.0	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	2.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	26.2	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	10.2	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	5.00	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	10.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT

Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	17.5	5.00	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	36.0	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	2.50	5.00	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	26.2	5.00	LDA,LDT1,LDT2
Building Construction	Vendor	10.2	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	5.00	5.00	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	10.5	5.00	LDA,LDT1,LDT2

Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	90,000	30,000	784

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	60,000	—
Site Preparation	—	—	0.00	0.00	—
Paving	0.00	0.00	0.00	0.00	0.30

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Junior High School	0.00	0%
Other Asphalt Surfaces	0.30	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	690	0.05	0.01
2027	0.00	690	0.05	0.01
2028	0.00	690	0.05	0.01
2029	0.00	690	0.05	0.01

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	90,000	30,000	784

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
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Junior High School	401,181	690	0.0489	0.0069	1,195,818
Other Asphalt Surfaces	0.00	690	0.0489	0.0069	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Junior High School	398,258	690	0.0489	0.0069	1,195,818
Other Asphalt Surfaces	0.00	690	0.0489	0.0069	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Junior High School	1,237,260	48.3
Other Asphalt Surfaces	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Junior High School	1,237,260	-24.1
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Junior High School	78.0	—
Other Asphalt Surfaces	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Junior High School	78.0	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Junior High School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Junior High School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Junior High School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Junior High School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Junior High School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Junior High School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Junior High School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Junior High School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	12.3	annual days of extreme heat

Extreme Precipitation	6.65	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	1	1	1	2
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	65.4
AQ-PM	77.4
AQ-DPM	87.5
Drinking Water	59.7
Lead Risk Housing	83.5
Pesticides	0.00
Toxic Releases	73.4
Traffic	90.3

Effect Indicators	—
CleanUp Sites	92.0
Groundwater	93.2
Haz Waste Facilities/Generators	87.6
Impaired Water Bodies	58.7
Solid Waste	52.9
Sensitive Population	—
Asthma	74.8
Cardio-vascular	38.5
Low Birth Weights	71.8
Socioeconomic Factor Indicators	—
Education	86.1
Housing	86.3
Linguistic	94.3
Poverty	88.3
Unemployment	55.0

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	17.52855126
Employed	43.98819453
Median HI	8.892595919
Education	—
Bachelor's or higher	30.4889003
High school enrollment	100

Preschool enrollment	53.13743103
Transportation	—
Auto Access	5.915565251
Active commuting	90.14500192
Social	—
2-parent households	45.70768639
Voting	35.54471962
Neighborhood	—
Alcohol availability	16.95110997
Park access	81.35506224
Retail density	69.69074811
Supermarket access	26.80610805
Tree canopy	57.71846529
Housing	—
Homeownership	3.503143847
Housing habitability	2.669061979
Low-inc homeowner severe housing cost burden	2.579237777
Low-inc renter severe housing cost burden	39.49698447
Uncrowded housing	5.966893366
Health Outcomes	—
Insured adults	12.30591557
Arthritis	56.7
Asthma ER Admissions	21.7
High Blood Pressure	54.9
Cancer (excluding skin)	82.6
Asthma	30.0
Coronary Heart Disease	28.5

Chronic Obstructive Pulmonary Disease	29.1
Diagnosed Diabetes	10.7
Life Expectancy at Birth	79.1
Cognitively Disabled	25.4
Physically Disabled	19.5
Heart Attack ER Admissions	52.8
Mental Health Not Good	13.8
Chronic Kidney Disease	20.1
Obesity	19.9
Pedestrian Injuries	56.4
Physical Health Not Good	9.4
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	83.4
Current Smoker	20.8
No Leisure Time for Physical Activity	9.5
Climate Change Exposures	—
Wildfire Risk	0.2
SLR Inundation Area	0.0
Children	59.5
Elderly	70.8
English Speaking	5.4
Foreign-born	95.0
Outdoor Workers	26.5
Climate Change Adaptive Capacity	—
Impervious Surface Cover	10.1
Traffic Density	90.7

Traffic Access	69.6
Other Indices	—
Hardship	88.4
Other Decision Support	—
2016 Voting	25.3

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	98.0
Healthy Places Index Score for Project Location (b)	21.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
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Land Use	Assuming approximately 1.4 acres for education classroom buildings and includes estimated landscaping area to be improved. Parking - 45 spots (300 square-feet per spot) to be removed and replace with 35.
Construction: Construction Phases	Changes based on updated CS schedule and duration.
Construction: Off-Road Equipment	Numbers based on revised CS.
Construction: Dust From Material Movement	Site preparation activities are anticipated to be minimal, including landscaping updates.
Construction: Trips and VMT	Estimated values.

APPENDIX 7

Noise Background and Modeling Data

Appendix 7 provides supporting information to the Noise section of the Draft EIR and contains the following sections: definitions, sound characteristics, regulatory framework, noise monitoring data from the site visit conducted on August 22, 2023, and Roadway Construction Noise Modelling results.

7.1 WORKING DEFINITIONS

Sound. A vibratory disturbance that, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.

Noise. Sound that is loud, unpleasant, unexpected, or otherwise undesirable.

Decibel (dB). A unitless measure of sound on a logarithmic scale, which indicates the squared ratio of sound pressure amplitude to a reference sound pressure amplitude. The reference pressure is 20 micropascals (20 μ Pa).

Vibration Decibel (VdB). A unitless measure of vibration, expressed on a logarithmic scale and with respect to a defined reference vibration velocity. In the U.S., the standard reference velocity is 1 microinch per second (1×10^{-6} in/sec).

A-Weighted Decibel (dBA). An overall frequency-weighted sound level in decibels which approximates the frequency response of the human ear.

Equivalent Continuous Noise Level (L_{eq}); also called the Energy-Equivalent Noise Level. The value of an equivalent, steady sound level which, in a stated time period (often over an hour) and at a stated location, has the same A-weighted sound energy as the time-varying sound. Thus, the L_{eq} metric is a single numerical value that represents the equivalent amount of variable sound energy received by a receptor over the specified duration.

Statistical Sound Level (L_n). The sound level that is exceeded “n” percent of time during a given sample period. For example, the L_{50} level is the statistical indicator of the time-varying noise signal that is exceeded 50 percent of the time (during each sampling period); that is, half of the sampling time, the changing noise levels are above this value and half of the time they are below it. This is called the “median sound level.” The L_{10} level, likewise, is the value that is exceeded 10 percent of the time (i.e., near the maximum) and this is often known as the “intrusive sound level.” The L_{90} is the sound level exceeded 90 percent of the time and is often considered the “effective background level” or “residual noise level.”

Day-Night Level (L_{dn} or DNL). The energy average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the A-weighted sound levels occurring during the period from 10 PM to 7 AM.

Community Noise Equivalent Level (CNEL). The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added to the A-weighted sound levels occurring during the period from 7 PM to 10 PM and 10 dB added to the A-weighted sound levels occurring during the period from 10 PM to 7 AM. For general community/environmental noise,

CNEL and Ldn values rarely differ by more than 1 dB. As a matter of practice, Ldn and CNEL values are interchangeable and are treated as being equivalent in this assessment.

Sensitive Receptor. Noise- and vibration-sensitive receptors include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes are examples.

7.2 SOUND CHARACTERISTICS

Noise

Sound is a pressure wave transmitted through the air. When an object vibrates, it radiates part of its energy as acoustical pressure in the form of a sound wave. Sound can be described in terms of amplitude (loudness), frequency (pitch), or duration (time). The standard unit of measurement of the loudness of sound is by decibel (dB). The human hearing system is not equally sensitive to sound at all frequencies. Sound waves below 16 Hz are not heard at all and are "felt" more as a vibration. While people with extremely sensitive hearing can hear sounds as high as 20,000 Hz, most people cannot hear above 15,000 Hz. In all cases, hearing acuity falls off rapidly above about 10,000 Hz and below about 200 Hz. Since the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale is usually used to relate noise to human sensitivity.

The A-weighted decibel scale (dBA) performs this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear. Because of the physical characteristics of noise transmission and noise perception, the relative loudness of sound does not closely match the actual amounts of sound energy. Typical human hearing can detect changes of approximately 3 dBA or greater under normal conditions. Changes of 1 to 3 dBA are detectable under quiet, controlled conditions and changes of less than 1 dBA are usually indiscernible. A change of 5 dBA or greater is typically noticeable to most people in an exterior environment and a change of 10 dBA is perceived as a doubling (or halving) of the noise.

Physical damage to human hearing begins at prolonged exposure to noise levels higher than 85 dBA. Exposure to high noise levels affects the entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. In comparison, extended periods of noise exposure above 90 dBA would result in permanent cell damage. When the noise level reaches 120 dBA, a tickling sensation occurs in the human ear even with short-term exposure. This level of noise is called the threshold of feeling. As the sound reaches 140 dBA, the tickling sensation is replaced by the feeling of pain in the ear. This is called the threshold of pain. A sound level of 160 to 165 dBA will result in dizziness or loss of equilibrium.

Vibration

Vibration is an oscillatory motion through a solid medium in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. Vibration is normally associated with activities such as railroads or vibration-intensive stationary sources, but can also be associated with construction equipment, such as jackhammers, pile drivers, and hydraulic hammers. Vibration displacement is the distance that a point on a surface moves away from its original static position. The instantaneous speed that a point on a surface moves is described as the velocity, and the rate of change of the speed is described as the acceleration. Each of these descriptors can be used to correlate vibration to human response, building damage, and acceptable

equipment vibration levels. During the construction of a building, the operation of construction equipment could cause groundborne vibration. The three main wave types of concern in the propagation of groundborne vibrations are surface or Rayleigh waves, compression or P-waves, and shear or S-waves.

Surface or Rayleigh waves travel along the ground surface. They carry most of their energy along an expanding cylindrical wave front, similar to the ripples produced by throwing a rock into a lake. The particle motion is more or less perpendicular to the direction of propagation (known as retrograde elliptical). Compression or P-waves are body waves that carry their energy along an expanding spherical wave front. Shear or S-waves are also body waves, carrying their energy along an expanding spherical wave front. Unlike P-waves, however, the particle motion is transverse, or perpendicular to the direction of propagation. The particle motion in these waves is longitudinal, in a push-pull motion. P-waves are analogous to airborne sound waves.

The peak particle velocity (PPV) or the root mean square (RMS) velocity is usually used to describe vibration amplitudes. PPV is defined as the maximum instantaneous peak of the vibration signal and RMS is defined as the square root of the average of the squared amplitude of the signal. PPV is more appropriate for evaluating potential building damage, whereas RMS is typically more suitable for evaluating human response. The units for PPV and RMS velocity are normally inches per second (in/sec). Often, vibration is presented and discussed in dB units to compress the range of numbers required to describe the vibration. All PPV and RMS velocity are in in/sec and all vibration levels in this study are in dB relative to 1 micro-inch per second (abbreviated as VdB). The threshold of perception is approximately 65 VdB. Typically, groundborne vibration generated by manmade activities attenuates rapidly with distance from the source of the vibration. Manmade vibration problems are usually confined to short distances (500 feet or less) from the source.

Construction generally includes a wide range of activities that can generate groundborne vibration. In general, demolition of structures generates the highest vibrations. Vibratory compactors or rollers, pile drivers, and pavement breakers can generate perceptible amounts of vibration at distances within 200 feet of the vibration sources. Heavy trucks can also generate groundborne vibrations that vary, depending on vehicle type, weight, and pavement conditions. Potholes, pavement joints, discontinuities, differential settlement of pavement, etc., all increase the vibration levels from vehicles passing over a road surface. Construction vibration is normally of greater concern than vibration of normal traffic on streets and freeways with smooth pavement conditions. Trains generate substantial quantities of vibration due to their engines, steel wheels, and heavy loads.

Sensitive Receptors

Noise and vibration sensitive uses include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, guest lodging, libraries, religious institutions, hospitals, nursing homes, and passive recreation areas are generally more sensitive to noise than commercial and industrial land use.

7.3 REGULATORY FRAMEWORK

Federal

Noise Control Act of 1972

The adverse impacts of noise were officially recognized by the federal government in the Noise Control Act of 1972,¹ which serves three purposes:

- Promulgating noise emission standards for interstate commerce
- Assisting state and local abatement efforts
- Promoting noise education and research

The Office of Noise Abatement and Control (ONAC) was initially tasked with implementing the Noise Control Act. However, the ONAC has since been eliminated, leaving the development of federal noise policies and programs to other federal agencies and interagency committees. For example, the Occupational Safety and Health Administration (OSHA) agency prohibits exposure of workers to excessive sound levels. The FTA assumed a significant role in noise control through its various operating agencies. Surface transportation system noise is regulated by a host of agencies, including the FTA. Transit noise is regulated by the FTA, while freeways that are part of the interstate highway system are regulated by the Federal Highway Administration (FHWA). The federal government encourages local jurisdictions to use their land use regulatory authority to site new development to minimize potential noise impacts.

State

Senate Bill (SB) 860

SB 860, which became effective on January 1st, 1976, directed the California Office of Noise Control within the State Department of Health Services to prepare the *Guidelines for the Preparation and Content of Noise Elements of the General Plan*.² One purpose of these guidelines was to provide sufficient information concerning the noise environment in the community so that noise could be considered in the land-use planning process. As part of this publication, Land Use Compatibility Standards were developed in four categories depicting the acceptability of noise levels for a variety of uses: Normally Acceptable, Conditionally Acceptable, Normally Unacceptable, and Clearly Unacceptable (Table G.3-1, *Land Use Compatibility Matrix*). These categories were based on earlier work conducted by the U.S. Department of Housing and Urban Development.

¹ 42 U.S.C., Noise Control Act of 1972, § 4901-4918.

² California Department of Health Services, Office of Noise Control. February 1976. *Guidelines for the Preparation and Content of Noise Elements of the General Plan*.

**TABLE 7.3-1
LAND USE COMPATIBILITY MATRIX**

Land Use Category	Community Noise Exposure (L_{dn} or CNEL, dB)					
	55	60	65	70	75	80
Residential - Low Density Single-Family, Duplex, Mobile Homes	Green	Green				
	Yellow	Yellow	Yellow			
				Orange		Red
Residential - Multi-Family	Green	Green	Green			
		Yellow	Yellow			
				Orange		Red
Transient Lodging - Motels Hotels	Green	Green	Green			
		Yellow	Yellow			
				Orange	Orange	Red
Schools, Libraries, Churches, Hospitals, Nursing Homes	Green	Green	Green			
		Yellow	Yellow			
				Orange	Orange	Red
Auditoriums, Concert Halls, Amphitheaters	Yellow	Yellow	Yellow			
				Red	Red	Red
Sports Arena, Outdoor Spectator Sports	Yellow	Yellow	Yellow	Yellow		
					Red	Red
Playgrounds, Neighborhood Parks	Green	Green	Green			
				Orange		
					Red	Red
Golf Courses, Riding Stables, Water Recreation, Cemeteries	Green	Green	Green	Green		
					Orange	Orange
						Red
Office Buildings, Business Commercial and Professional	Green	Green	Green			
				Yellow	Yellow	
					Orange	Orange
Industrial, Manufacturing, Utilities, Agriculture	Green	Green	Green	Green		
				Yellow	Yellow	
					Orange	Orange
Green	Normally Acceptable - Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements.					
Yellow	Conditionally Acceptable - New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply system or air conditioning will normally suffice.					
Orange	Normally Unacceptable - New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.					
Red	Clearly Unacceptable - New construction or development should generally not be undertaken.					

SOURCE: Adapted from: Governor's Office of Planning and Research. 2017. *State of California General Plan Guidelines and Technical Advisories*. Appendix D, Noise Element Guidelines, Figure 2. https://opr.ca.gov/docs/OPR_Appendix_D_final.pdf.

The State has developed a land-use compatibility matrix for community noise environments that further defines four categories of acceptance and assigns CNEL values to them. In addition, the State Building Code (Part 2, Title 24, California Code of Regulations) establishes uniform minimum noise insulation performance standards to protect persons within new hotels, motels, dormitories, long-term care facilities, apartment houses, and residential units other than detached single-family residences from the effects of excessive noise, including, but not limited to, hearing loss or impairment and interference with speech and sleep. Residential structures to be located where the CNEL or day-night average sound level (L_{dn}) is 60 dBA³ or greater are required to provide sound insulation to limit the interior CNEL to a maximum of 45dBA. An acoustic, or noise, analysis report prepared by an experienced acoustics engineer is required for the issuance of a building permit for these structures. Conversely, land use changes that result in increased noise levels at residences of 60 dBA or greater must be considered in the evaluation of impacts to ambient noise levels. The acceptability of ambient noise levels for a variety of uses is shown in Table 3.2-1). In addition, the State Guidelines for Noise Elements address the relationship between the enjoyment of open space and noise:

“Open Space-Excessive noise can adversely affect the enjoyment of recreational pursuits in designated open space. Thus, noise exposure levels should be considered when planning for this kind of open-space use. Conversely, open space can be used to buffer sensitive land uses from noise sources through the use of setbacks and landscaping. Open-space designation can also effectively exclude other land uses from excessively noisy areas.”

Ambient noise levels of 67 dBA or greater are normally unacceptable for playgrounds and neighborhood parks, while golf courses, riding stables, and water recreation areas are normally acceptable up to 70 dBA (Table 3.2-1).

Local

City of Los Angeles General Plan Noise Element

The City has established three policies in the General Plan related to noise, of which Policy 3.1 is relevant to the proposed project:⁴

Policy 3.1: Develop land use policies and programs that will reduce or eliminate potential and existing noise impacts.

City of Los Angeles Municipal Code

Exterior Noise Standards: As specified in Sections 112.02 and 112.05 of the City of Los Angeles Municipal Code, noise attributable to mechanical equipment (such as heating, air conditioning, and ventilation equipment (HVAC) systems or any pumping, filtering, or heating equipment) cannot exceed the ambient noise level by more than 5 decibels. Ambient noise levels can be as-measured at the project site or established via Code-presumed levels. For the nearby residential neighborhood (Zone R1), the presumed ambient levels are 50 dBA (daytime, 7:00 AM to 10:00

³ A-weighted decibels, or the relative loudness of sounds in air as perceived by the human ear. In the A-weighted system, the decibel values of sounds at low frequencies are reduced, compared with unweighted decibels, in which no correction is made for audio frequency.

⁴ City of Los Angeles Department of City Planning. Adopted 3 February 1998. *Noise Element of the Los Angeles City General Plan*. https://planning.lacity.org/odocument/b49a8631-19b2-4477-8c7f-08b48093cddd/Noise_Element.pdf

PM) and 40 dBA (nighttime, 10:00 PM to 7:00 AM). Power equipment, including lawn mowers, backpack blowers, small lawn and garden tools, and riding tractors are restricted to no more than 65 dBA Leq at residential properties.

Construction Noise Standards: The City of Los Angeles has established policies and regulations concerning the generation and control of noise that could adversely affect noise sensitive land uses. For construction noise, Los Angeles Municipal Chapter XI of the Los Angeles Municipal Code (LAMC) provides noise regulations for the City of Los Angeles, as referenced in Section 41.40 of Chapter IV.⁵ The construction noise regulations included in the municipal code are:

- No person shall, between the hours of 9:00 p.m. and 7 a.m. of the following day, perform any construction or repair work of any kind.. [which] entails the use of ... equipment which makes loud noises to the disturbance of persons occupying sleeping quarters in any dwelling hotel or apartment or other place of residence.
- The provisions do not apply to construction work done in any district zoned for manufacturing or industrial land uses.

No person, other than an individual home owner engaged in the repair or construction of his/her single-family dwelling, shall perform any construction or repair work of any kind or perform such work (or operation, repair or servicing of construction equipment and the job-site delivering of construction materials) within 500 feet of land so occupied before 8:00 AM or after 6:00 PM on any Saturday or on a federal holiday, or at any time on Sunday. Under certain conditions, the City may grant a waiver to allow limited construction activities to occur outside of the limits described above. This code does not apply to emergency repair work.

LAMC Section 112.05 (Maximum Noise Level of Powered Equipment or Powered Hand Tools)⁷ states that “Between the hours of 7:00 a.m. and 10:00 p.m., in any residential zone of the City or within 500 feet thereof, no person shall operate or cause to be operated any powered equipment or powered hand tool that produces a maximum noise level exceeding the following noise limits at a distance of 50 feet therefrom: (a) 75dB(A) for construction, industrial, and agricultural machinery including crawler-tractors, dozers, rotary drills and augers, loaders, power shovels, cranes, derricks, motor graders, paving machines, off-highway trucks, ditchers, trenchers, compactors, scrapers, wagons, pavement breakers, compressors and pneumatic or other powered equipment...”

However, this noise limitation does not apply where compliance is technically infeasible. Technically infeasible means the above noise limitation cannot be met despite the use of mufflers, shields, sound barriers and/or any other noise reduction device or techniques during the operation of equipment.

City of Los Angeles CEQA Thresholds Guide

The Los Angeles CEQA Thresholds Guide provides construction noise limitation guidelines. From this guide, “a project would normally have a significant impact with regard to exterior noise levels resulting from project operations if the project causes noise measured at the property line of a noise sensitive receptor to increase by 3 dBA in CNEL to or within the ‘normally unacceptable’ or

⁵ City of Los Angeles. 2023. Los Angeles Municipal Code, Chapter IV: Public Welfare. https://codelibrary.amlegal.com/codes/los_angeles/latest/lamc/0-0-0-193741

'clearly unacceptable' category; or any 5 dBA or greater noise increase."⁶ A significant impact on noise levels from construction would occur if:

- Construction activities lasting more than one day would exceed existing ambient exterior noise levels by 10 dBA or more at a noise sensitive use.
- Construction activities lasting more than 10 days in a three-month period would exceed existing ambient exterior noise levels by 5 dBA or more at a noise sensitive use; or
- Construction activities would exceed the ambient noise level by 5 dBA at noise sensitive use between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m. or after 6:00 p.m. on Saturday, or at any time on Sunday.

⁶ City of Los Angeles. L.A. 2006. CEQA Thresholds Guide: Your Resource for Preparing CEQA Analyses in Los Angeles. https://www.dtsc-ssfl.com/files/lib_ceqa/ref_draft_peir/Chap4_6-GrnhouseGas/68341_LA_2006_-_CEQA_Guidance.pdf

Input Data

Case Description: LAUSD Irving MS - Demolition

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	Residential neighborhoods	Residential	50.0	50.0	40.0
2					
3					
4					

Noise Metric: L10

Noise Limit Criteria

L10 Calculation

Receptor #1

Noise Limits

Equipment

Receptor #1: Residential neighborhoods

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Excavator	<input type="checkbox"/>	40%	85.0	80.7	10.0	0.0
2	<input checked="" type="checkbox"/>	Dozer	<input type="checkbox"/>	40%	85.0	81.7	10.0	0.0
3	<input checked="" type="checkbox"/>	Backhoe	<input type="checkbox"/>	40%	80.0	77.6	10.0	0.0
4	<input type="checkbox"/>		<input type="checkbox"/>					
5	<input type="checkbox"/>		<input type="checkbox"/>					
6	<input type="checkbox"/>		<input type="checkbox"/>					

Results

Receptor #1: Residential neighborhoods

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
		Lmax*	L10	Day		Evening		Night		Day		Evening		Night	
				Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10
	Total	95.6	98.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Excavator	94.7	93.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Dozer	95.6	94.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Backhoe	91.5	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4															
5															

*Total Lmax is the value for the loudest piece of equipment.

Input Data

Case Description: LAUSD Irving MS - Site Preparation

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	Residential neighborhoods	Residential	50.0	50.0	40.0
2					
3					
4					

Noise Metric: L10

Noise Limit Criteria

L10 Calculation

Receptor #1

Noise Limits

Equipment

Receptor #1: Residential neighborhoods

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)	
1	<input checked="" type="checkbox"/>	Backhoe	<input type="checkbox"/>	40%	80.0	<input checked="" type="checkbox"/>	77.6	10.0	0.0
2	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>			
3	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>			
4	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>			
5	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>			
6	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>			

Results

Receptor #1: Residential neighborhoods

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)						
		Lmax*	L10	Day		Evening		Night		Day		Evening		Night		
				Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	
	Total	91.5	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Backhoe	91.5	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2																
3																
4																
5																

*Total Lmax is the value for the loudest piece of equipment.

Input Data

Case Description: LAUSD Irving MS - Grading

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	Residential neighborhoods	Residential	50.0	50.0	40.0
2					
3					
4					

Noise Metric: L10

Noise Limit Criteria

L10 Calculation

Receptor #1

Noise Limits

Equipment

Receptor #1: Residential neighborhoods

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Grader	<input type="checkbox"/>	40%	<input checked="" type="checkbox"/> 85.0	N/A	10.0	0.0
2	<input checked="" type="checkbox"/>	Dozer	<input type="checkbox"/>	40%	<input type="checkbox"/> 85.0	<input checked="" type="checkbox"/> 81.7	10.0	0.0
3	<input checked="" type="checkbox"/>	Backhoe	<input type="checkbox"/>	40%	<input type="checkbox"/> 80.0	<input checked="" type="checkbox"/> 77.6	10.0	0.0
4	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
5	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
6	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			

Results

Receptor #1: Residential neighborhoods

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
		Lmax*	L10	Day		Evening		Night		Day		Evening		Night	
				Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10
	Total	99.0	100.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Grader	99.0	98.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Dozer	95.6	94.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Backhoe	91.5	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4															
5															

*Total Lmax is the value for the loudest piece of equipment.

Input Data

Case Description: LAUSD Irving MS - Construction

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	Residential Neighborhood	Residential	50.0	50.0	40.0
2					
3					
4					

Noise Metric: L10

Noise Limit Criteria

L10 Calculation

Receptor #1

Noise Limits

Equipment

Receptor #1: Residential Neighborhood

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Backhoe	<input type="checkbox"/>	40%	80.0	77.6	10.0	0.0
2	<input checked="" type="checkbox"/>	Crane	<input type="checkbox"/>	16%	85.0	80.6	10.0	0.0
3	<input checked="" type="checkbox"/>	Welder / Torch	<input type="checkbox"/>	40%	73.0	74.0	10.0	0.0
4	<input checked="" type="checkbox"/>	Backhoe	<input type="checkbox"/>	40%	80.0	77.6	10.0	0.0
5	<input checked="" type="checkbox"/>	Generator	<input type="checkbox"/>	50%	82.0	80.6	10.0	0.0
6	<input type="checkbox"/>		<input type="checkbox"/>					

Results

Receptor #1: Residential Neighborhood

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
		Lmax*	L10	Day		Evening		Night		Day		Evening		Night	
				Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10
	Total	94.6	98.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Backhoe	91.5	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Crane	94.5	89.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	Welder / Torch	88.0	87.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	Backhoe	91.5	90.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	Generator	94.6	94.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Total Lmax is the value for the loudest piece of equipment.

Input Data

Case Description: LAUSD Irving MS - Paving

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	Residential neighborhoods	Residential	50.0	50.0	40.0
2					
3					
4					

Noise Metric: L10

Noise Limit Criteria

L10 Calculation

Receptor #1

Noise Limits

Equipment

Receptor #1: Residential neighborhoods

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Paver	<input type="checkbox"/>	50%	85.0	<input checked="" type="checkbox"/>	77.2	10.0
2	<input checked="" type="checkbox"/>	Roller	<input type="checkbox"/>	20%	85.0	<input checked="" type="checkbox"/>	80.0	10.0
3	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
4	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
5	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		
6	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>		

Results

Receptor #1: Residential neighborhoods

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)					
		Lmax*	L10	Day		Evening		Night		Day		Evening		Night	
				Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10
	Total	94.0	93.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Paver	91.2	91.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Roller	94.0	90.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3															
4															
5															

*Total Lmax is the value for the loudest piece of equipment.

Input Data

Case Description: LAUSD Irving MS - Architectural Coating

Receptor

	Description	Land Use	Daytime Baseline (dBA)	Evening Baseline (dBA)	Nighttime Baseline (dBA)
1	Residential neighborhoods	Residential	50.0	50.0	40.0
2					
3					
4					

Noise Metric: L10

Noise Limit Criteria

L10 Calculation

Receptor #1

Noise Limits

Equipment

Receptor #1: Residential neighborhoods

	Active	Description	Impact Device	Usage(%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Distance to Receptor (feet)	Estimated Shielding (dBA)
1	<input checked="" type="checkbox"/>	Compressor (air)	<input type="checkbox"/>	40%	80.0	77.7	10.0	0.0
2	<input type="checkbox"/>		<input type="checkbox"/>					
3	<input type="checkbox"/>		<input type="checkbox"/>					
4	<input type="checkbox"/>		<input type="checkbox"/>					
5	<input type="checkbox"/>		<input type="checkbox"/>					
6	<input type="checkbox"/>		<input type="checkbox"/>					

Results

Receptor #1: Residential neighborhoods

	Equipment	Calculated (dBA)		Noise Limits (dBA)						Noise Limit Exceedance (dBA)						
		Lmax*	L10	Day		Evening		Night		Day		Evening		Night		
				Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	Lmax	L10	
	Total	91.6	90.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	Compressor (air)	91.6	90.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2																
3																
4																
5																

*Total Lmax is the value for the loudest piece of equipment.

DRAFT

LINSCOTT
LAW &
GREENSPAN
engineers

MEMORANDUM

To: Mr. Julian Capata
LAUSD – Office of Environmental
Health & Safety

Date: November 21, 2023

From: Amrita Shankar
Chin S. Taing, PTP, RSP1
Linscott, Law & Greenspan, Engineers

LLG Ref: 1-23-4568-1

Subject: **Pedestrian and Safety Study for the Washington Irving Middle
School Major Modernization Project, City of Los Angeles**

Engineers & Planners
Traffic
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Parking

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This traffic and pedestrian safety assessment has been prepared by Linscott, Law & Greenspan, Engineers (LLG) to review the traffic and pedestrian circulation associated with the peak construction activities and operations related to the Washington Irving Middle School Major Modernization Project (the “proposed Project”) at Washington Irving Middle School Math Music Engineering Magnet (Irving MS). The proposed Project is located at 3010 Estara Avenue in the Northeast Los Angeles Community Plan Area of the City of Los Angeles, California. The Los Angeles Unified School District (LAUSD) has identified schools within the District in critical need of building replacement, renovations, and reconfiguration. The Project is part of the LAUSD’s School Upgrade Program (SUP) that seeks to improve and modernize aging schools. This memorandum was prepared in accordance with the LAUSD Standard Conditions (SCs) of Approval for District Construction, Upgrade, and Improvement Projects¹ as it relates to pedestrian safety and transportation and circulation.

This memorandum includes a summary of the following: 1) existing site conditions; 2) proposed Project description; 3) existing overall traffic volumes and general observed circulation patterns; 4) planned construction schedule and estimated peak construction traffic trip generation; 5) pedestrian and emergency vehicle access during construction; 6) review of City of Los Angeles High Injury Network; and 7) conclusions and recommendations for usage of the loading zones along West Avenue 32, Estara Avenue, Fletcher Drive, and Marguerite Street at Project completion. General measures were also recommended for the School as it relates to pick-up/drop-off loading zones and general School policies regarding notification of overall pick-up and drop-off procedures following completion of the proposed Project.

Existing Site Conditions

The existing Irving MS campus is developed on a 11.2-acre parcel located at 3010 Estara Avenue in the Northeast Los Angeles Community Plan Area of the City of Los Angeles, California. The School site is generally bounded by Fletcher Drive to

¹ Los Angeles Unified School District Standard Conditions of Approval for District Construction, Upgrade, and Improvement Projects, updated 2018.

the north, Marguerite Street to the south, Estara Avenue to the east, and West Avenue 32 to the west. Speed humps are installed on West Avenue 32 and Marguerite Street bordering the Project site. The Project site location is shown in *Figure 1*.

The existing Irving MS is operated by LAUSD and contains 11 permanent buildings and six portable buildings to serve students in grades sixth through eighth grade. The current bell schedule for the School is 8:00 AM to 3:14 PM for regular school days, 8:00 AM to 1:53 PM for Tuesday professional development days, and 8:00 AM to 12:43 PM for minimum days. In addition, the existing campus contains Isana Octavia Academy that serves students in grades third through eighth grade, City of Angels Community School that serves students in grades Kindergarten (K) through 12th grade, and various instructional programs (STEAM25 Magnet Program, Dual Language Program, Special Education for the visually impaired, and LACER Afterschool program) that serve students in grades K through eighth grade. The existing site conditions of the study area, including signage and parking restrictions in the area are illustrated in *Figure 2*.

As shown in *Figure 2*, the main drop-off/pick-up loading zone for the Irving MS is located at the south side of the Irving MS campus: along the north side of Marguerite Street between West Avenue 33 and Estara Avenue. This zone is posted with signage indicating “Passenger Loading Only” for drop-off/pick-up loading activities before and after school (i.e., between 6:30 AM and 9:00 AM and 1:30 PM and 4:00 PM) during school days only (Mondays through Fridays). Time-restricted (i.e., two-hour) parking is permitted between 9:00 AM and 1:30 PM on school days for this portion of Marguerite Street. In addition, a secondary drop-off/pick-up loading zone is located along the south side of Fletcher Drive, just west of an existing pedestrian gate (Fletcher Gate). The secondary Fletcher Drive loading zone is designated with sandwich board signage for drop-off/pick-up loading activities between 7:30 AM and 8:10 AM and 2:55 PM and 3:30 PM during school days only. Time-restricted (i.e., 15-minute) parking is permitted between 7:00 AM and 5:00 PM on school days for this portion of Fletcher Drive. Further, a secondary drop-off/pick-up loading zone for Isana Octavia Academy is located along the north side of Marguerite Street west of West Avenue 33 via cones. The secondary Marguerite Street loading zone is designated with sandwich board signage for drop-off/pick-up loading activities between 7:00 AM and 8:00 AM and 2:45 PM and 2:55 PM during school days only. Parking is prohibited between 7:00 AM and 5:00 PM on school days. No posted signage for a formal drop-off or pick-up loading zone was observed on Estara Avenue.

The School also operates up to nine school buses, including one bus for Special Education students. The majority of the bus loading/unloading activities occur along

the campus frontage on the east side of West Avenue 32 with some bus loading/unloading activities (including the Special Education students' bus) occurring on-site within the parking lot (former Roswell Street). Signage indicating "Tow Away No Stopping" between 7:00 AM and 5:00 PM on school days, with school buses being exempt, is posted along the east side of West Avenue 32.

Vehicular access to the on-site parking areas is provided via four existing driveways: one driveway along the west side of Estara Avenue (Vehicular Access 1 for access to the former Roswell Street, which has been incorporated into the Irving MS Campus, and the on-site surface parking lot), one driveway along the south side of Fletcher Drive (Vehicular Access 2 for access to the former Moss Avenue, which has been incorporated into the Irving MS Campus, and the on-site surface parking lot), and two driveways along the east side of West Avenue 32 (Vehicular Access 3 and Vehicular Access 4). All of the on-site parking spaces are currently utilized by the staff/administration for the School as well as visitors.

Existing pedestrian access to the Irving MS campus is provided via seven existing pedestrian gates: 1) one pedestrian gate along the west side of Estara Avenue at the former Roswell Street (Visitor Entrance); 2) one pedestrian gate along the west side of Estara Avenue at the Irving MS main entrance (Main Gate); 3) one pedestrian gate along the north side of Marguerite Street; 4) one pedestrian gate along the north side of Marguerite Street serving Isana Octavia Academy (Octavia Gate 1); 5) one pedestrian gate along the east side of West Avenue 32 serving various instructional programs (Magnet Gate); 6) one pedestrian gate along the south side of Fletcher Drive serving the City of Angels Community School (Octavia Gate 3); and 7) one pedestrian gate along the south side of Fletcher Drive and adjacent to the Vehicular Access 2 driveway (Fletcher Gate).

Existing public sidewalks and pedestrian facilities are provided along the Irving MS campus frontages. As noted in the Initial Study², a public sidewalk approximately four feet in width (excluding landscaping) is provided along the Irving MS campus West Avenue 32 frontage. The Initial Study also noted erosion along the western and southern areas of the campus that affected the sidewalk along West Avenue 32. North of the Vehicular Access 1 driveway, a public sidewalk approximately 16 feet in width is provided along the Irving MS campus Estara Avenue frontage. South of the Vehicular Access 1 driveway, a public sidewalk approximately five feet in width (excluding landscaping) is provided along the Estara Avenue frontage. A public sidewalk approximately 11 feet in width is provided along the Irving MS campus Fletcher Drive frontage. A public sidewalk approximately four feet in width

² *Irving Middle School Major Modernization Project Screencheck Initial Study*, prepared by Sapphos Environmental, Inc., October 2023.

(excluding landscaping) is provided along the Irving MS campus Marguerite Street frontage. Existing street trees and landscaping are also provided along the Irving MS campus frontages.

Americans with Disabilities Act (ADA) access ramps, including some with the yellow truncated domes, are provided at the following intersections and locations in the direct vicinity of the Irving MS campus:

- West Avenue 32 (South Leg) / Fletcher Drive
- West Avenue 32 (North Leg) / Fletcher Drive
- Vehicular Access 2 Driveway (formerly Moss Avenue) / Fletcher Drive
- Estara Avenue / Fletcher Drive
- Estara Avenue / Marguerite Street
- West Avenue 33 / Marguerite Street

Traditional yellow continental style pedestrian crosswalks are provided at the following intersections in the direct vicinity of the Irving MS campus:

- West Avenue 32 (South Leg) / Fletcher Drive
- West Avenue 32 (North Leg) / Fletcher Drive
- Estara Avenue / Fletcher Drive
- Estara Avenue / Marguerite Street
- West Avenue 33 / Marguerite Street

Pedestrian push buttons and rectangular rapid flashing beacons (RRFBs) are presently installed along Fletcher Drive at the western leg of the West Avenue 32 (South Leg) / Fletcher Drive intersection. In addition, pedestrian crossing signals and push buttons are presently included as part of the traffic signal controls at the Estara Avenue / Fletcher Drive signalized intersection.

Project Description

The Washington Irving Middle School Major Modernization Project is intended to revitalize the existing campus to provide 21st century learning environments to support specialized programs that distinguish Irving MS as a school offering unique learning opportunities. The Project provides for the replacement of permanent and portable buildings along with hardscape, landscape and parking areas. Specifically, the Project site is located within an Alquist Priolo Earthquake Fault Zone, with the

Hollywood Fault and the Raymond Fault running beneath the Irving MS campus. Therefore, the Project proposes to alleviate existing structural and seismic deficiencies in the buildings on-site by removing the buildings located over the fault and replacing the removed buildings with new construction at least 50 feet away from the fault. Any areas located directly above the fault would be converted into outdoor areas, such as hardscape, landscape, or parking areas. The Project consists of the demolition of three existing permanent classroom buildings (approximately 62,442 square feet) and the removal of six existing portable bungalow buildings and one accessory service building (approximately 12,172 square feet) on the Irving MS campus; replacement with construction of a permanent Administration and Classroom building (approximately 55,000 square feet), a permanent Maintenance and Operations building (approximately 2,600 square feet), and two portable classroom buildings (approximately 2,400 square feet); modernization, seismic and structural retrofitting for an existing Auditorium building (approximately 14,957 square feet); improving portions the playground areas; completion of site upgrades including hardscape areas, landscape areas, and parking areas; and providing ADA upgrades. No changes to the student enrollment capacity are contemplated with the completion of the proposed Project. The proposed site plan is shown in *Figure 3-A* and the proposed demolition plan is shown in *Figure 3-B*.

Based on the site organization diagram shown in *Figure 3-A*, the proposed Project would not change the existing use of the site, increase the student enrollment capacity of the School, or alter the existing sidewalks surrounding the Project site. The proposed Project is limited to modernizing the campus itself, including repaving ground surfaces to facilitate ADA access and demolishing and replacing other buildings on campus.

As part of the site enhancements of the proposed Project, one new vehicular access point would be provided along the north side of Marguerite Street to provide access to approximately 30 new parking spaces. In addition, an existing pedestrian access gate along the south side of Fletcher Drive (Octavia Gate 3) would be relocated, as the City of Angels Community School would be relocated elsewhere on-campus or off-campus. As the Project does not anticipate any relocation of the existing vehicular access points and does not anticipate removal or relocation of the remaining existing pedestrian access points, it is anticipated that the primary passenger loading zone will continue to be provided along the north side of Marguerite Street, similar to current conditions. Any late arrivals or access to campus during school hours would require controlled entry and access via Marguerite Street or Estara Avenue with check-in required at the new Administration Office building. The proposed Project would remove approximately 45 existing on-site parking spaces south of the former Roswell

Street in order to accommodate the new buildings and would add approximately 30 parking spaces on-site north of Marguerite Street for teachers/visitors.

Existing Traffic Volumes

Manual counts of vehicular turning movements were conducted at four (4) intersections in the vicinity of the Irving MS campus during the weekday morning (AM) and afternoon (PM) school peak periods to determine the peak hour traffic volumes. The traffic counts were conducted by an independent traffic count subconsultant (Counts Unlimited) from 7:00 AM to 9:00 AM to determine the weekday school AM peak hour, and from 2:00 PM to 4:00 PM to determine the weekday school PM peak hour. In conjunction with the manual turning movement vehicle counts, a count of bicycle and pedestrian volumes were also collected during the peak periods. It is noted that all of the traffic counts were conducted on Thursday, October 19, 2023 during a typical regular mid-week school day. The subject count locations are summarized as follows and also illustrated in *Figure 1*:

- West Avenue 32 (South Leg) / Fletcher Drive
- West Avenue 32 (North Leg) / Fletcher Drive
- Estara Avenue / Fletcher Drive
- Estara Avenue / Marguerite Street

The weekday AM and PM peak hour manual counts of vehicle turning movements at the subject intersections are shown in *Figure 4*. Summary data worksheets of the manual traffic counts at the subject intersections, as well as the pedestrian and bicycle counts, are contained in *Attachment A*.

As mentioned previously, a count of the pedestrian volumes was also conducted during the morning and afternoon school peak periods in conjunction with the vehicle counts. *Figure 5* illustrates all pedestrian crossing volumes at the subject intersections during the weekday morning and afternoon peak hours. As shown in *Figure 5*, the majority of the pedestrian crossings occurred at existing crosswalks at the south, east, and west legs of the Estara Avenue / Fletcher Drive intersection, and across the south leg of the Estara Avenue / Marguerite Street intersection. One crossing guard was observed at the east leg of the Estara Avenue / Fletcher Drive intersection.

General Observed Inbound and Outbound Circulation Patterns

Field observations were conducted at the main Irving MS loading area (i.e., on Marguerite Street) during the morning drop-off peak period (i.e., between 7:15 AM and 8:15 AM) and afternoon pick-up peak period (i.e., between 2:30 PM and 3:30 PM) during a typical mid-week school day (Thursday, October 5, 2023). It is noted that field observations were also conducted at the secondary loading areas (i.e., Estara Avenue, Fletcher Drive, and West Avenue 32). **Figure 6** depicts the existing overall inbound and outbound circulation routes for all loading areas as discussed further below.

Marguerite Street Morning Drop-off/Circulation Patterns

During the morning drop-off period, the majority of guardians conducted student drop-off procedures by entering the main on-street loading zone along the north side of Marguerite Street, as well as parking or stopping along the south side of Marguerite Street and stopping along the east and west sides of Estara Avenue along the campus frontages. For Marguerite Street, vehicles were observed to park or stop along the north and south sides of Marguerite Street, from west of West Avenue 33 to Estara Avenue. In addition, vehicles were observed to conduct drop-off operations along the east side of West Avenue 33 just south of Marguerite Street. Eastbound and westbound vehicle queues were also observed along Marguerite Street. Some Irving MS students and guardians were observed to cross Marguerite Street without utilizing the crosswalk at the Estara Avenue / Marguerite Street intersection, causing vehicles to stop along Marguerite Street to allow pedestrians to cross the street, which contributed to the eastbound and westbound vehicle queues along Marguerite Street. While cones and one monitor was stationed near Octavia Gate 1 along the north side of Marguerite Street, no monitors were stationed for Irving MS along the north side of Marguerite Street to assist in the processing of vehicles within and approaching the Marguerite Street loading zone/gated pedestrian access. Vehicles were observed to approach the campus from both eastbound and westbound Marguerite Street.

Estara Avenue Morning Drop-off/Circulation Patterns

For Estara Avenue, vehicles were observed to park or stop along the east and west sides of Estara Avenue, from Fletcher Drive to Marguerite Street. In addition, vehicles were observed to utilize the existing Vehicular Access 1 driveway on Estara Avenue to enter and exit the Irving MS parking lot. The Vehicular Access 1 driveway was observed to accommodate full vehicular access (i.e., left-turn and right-turn ingress and egress turning movements), which resulted in vehicles stopping at the driveway and along Estara Avenue to avoid vehicular conflicts, subsequently resulting in northbound and southbound vehicle queues along Estara Avenue. In addition, many Irving MS students and some guardians were observed to cross Estara

Avenue without utilizing the crosswalk at the Estara Avenue / Fletcher Drive intersection to the north or the crosswalk at the Estara Avenue / Marguerite Street intersection to the south, causing vehicles to stop mid-block along Estara Avenue to allow pedestrians to cross the street, which also contributed to the northbound and southbound vehicle queues. While one monitor was stationed at the Vehicular Access 1 driveway to stop vehicles and allow pedestrians to cross the driveway, the monitor did not help facilitate unloading activities for students dropped off along the west side of Estara Avenue. Vehicles were also observed to stop and conduct drop-off operations outside of the roadway along the west side of Estara Avenue (between the Vehicular Access 1 driveway and the Estara Avenue Visitor Entrance gate) which warranted the monitor to assist with potential pedestrian/vehicular conflicts in this area. Vehicles were observed to approach the campus from both northbound and southbound Estara Avenue.

Fletcher Drive Morning Drop-off/Circulation Patterns

Some guardians also utilized the secondary loading zone along the south side of Fletcher Drive to conduct drop-off operations. For the unloading activities on Fletcher Drive, vehicles were observed to park or stop along the south side of Fletcher Drive, from approximately Octavia Gate 3 to Estara Avenue. It is noted that the Vehicular Access 2 driveway was gated during the drop-off period, except to permit two school buses and one school bus for Special Education students. Therefore, passenger vehicles were also observed to stop along the Vehicular Access 2 driveway when the gate was closed to conduct drop-off operations. While one monitor was stationed at the Vehicular Access 2 driveway, the monitor would open and close the driveway's gate for the school buses and did not help facilitate unloading activities for students dropped off along the south side of Fletcher Drive. In addition, while most vehicles arrived to drop off students via eastbound Fletcher Drive and departed by continuing on eastbound Fletcher Drive, a few vehicles were observed to arrive via eastbound Fletcher Drive and depart by conducting u-turn maneuvers to head westbound on Fletcher Drive.

West Avenue 32 Morning Drop-off/Circulation Patterns

School buses were observed to utilize the east side of West Avenue 32 as well as the Vehicular Access 2 driveway along the south side of Fletcher Drive to conduct drop-off operations. No vehicles were observed to conduct morning drop-off along West Avenue 32 as this portion is signed for "Tow Away No Stopping" between 7:00 AM and 5:00 PM on school days, with school buses being exempt. *Figure 7* depicts the existing overall inbound and outbound circulation routes for school buses (i.e., along the east side of West Avenue 32 and on-site via the Vehicular Access 2 driveway along the south side of Fletcher Drive).

Afternoon Pick-Up Loading/Circulation Patterns

The vehicle circulation pattern for the afternoon pick-up period is generally similar to the morning drop-off period. As is typical for schools, the processing time for students to be located and ready for arriving parents/guardians generally took longer than the morning drop-off activities. It is noted that the Vehicular Access 2 driveway's gate was open to both school buses as well as passenger vehicles during the afternoon pick-up period. However, few vehicles were observed to utilize the Vehicular Access 2 driveway and most vehicles were observed to either park along the south side of Fletcher Drive, head to the Vehicular Access 1 driveway, or head to Marguerite Street to pick up students. More vehicles were observed to use the on-site parking lot in the afternoon pick-up period compared to the morning drop-off period. It is noted that no monitors were stationed at the Vehicular Access 1 driveway or the Vehicular Access 2 driveway during the afternoon pick-up period. Vehicles were also observed to double park along the north and south sides of Marguerite Street to conduct loading activities during the afternoon pick-up period.

Construction Schedule

Based on information provided in the Initial Study, it has been determined that the duration of the Project construction activities is expected to total 42 months, beginning in the first quarter of year 2026 and ending by the third quarter of 2029. In order to maintain active school operation during the construction phase, required parking and adequate vehicle circulation is expected to be maintained and less than 50 percent of the campus would be disturbed at any one time. The general construction phases by development zones are as follows:

- Development Zone A - Phase 1: Set-up Interim Housing
- Development Zone B - Phase 2: Demolish Administration Building
- Development Zone B - Phase 3: Construct New Administration and Classroom Building
- Development Zone C - Phase 4: Remove Homemaking Building, Classroom Building, 6 Bungalows, and Interim Housing
- Development Zone D - Phase 5: Landscaping, Hardscaping, Parking Site Work

Based on the initial phasing of the work determined, this analysis assumes that there will be five general activity construction phases occurring in four separate development zones, as shown below. The actual duration of construction activity may likely be longer; however, by assuming the shortest expected construction duration this study is taking a more conservative approach due to the higher intensity of the construction activities. The construction equipment and number of

construction workers on-site is estimated based on projects of comparable size and land uses.

The general construction activities and duration for each phase are as follows:

- Demolition (120 days: 1/2026 – 6/2026)
- Site Preparation (150 days: 6/2026 – 1/2027)
- Building Construction (650 days: 1/2027 – 7/2029)
- Paving (36 days: 7/2029 – 9/2029)
- Architectural Coating (10 days: 9/2029 – 9/2029)

An estimated average of 50 workers would be on-site when students are present and a maximum of 150 workers would be on-site during peak periods (i.e., during summer break). No summer school sessions are currently held or planned to be held during the summer months. It is anticipated that construction worker parking would generally be accommodated on-site in the staging area during all phases of construction. Construction workers would not be permitted to park on local streets and would therefore not affect the current usage of street parking.

To the extent feasible, construction-related activities would be scheduled to occur during daylight hours. Construction-related traffic and deliveries would be scheduled to avoid student pick-up/drop-off hours, and during noise sensitive times as coordinated with the School administration. The City's Noise Ordinance currently limits construction hours on Mondays through Fridays to no earlier than 7:00 AM and no later than 9:00 PM. On Saturdays, construction hours are limited to no earlier than 8:00 AM and no later than 6:00 PM. No construction is permitted on Sundays.

It has been determined that the most intensive period of overall construction activity and construction truck traffic generation is expected to occur during the Site Preparation phase for an approximate six-month period. Other phases of construction are expected to be less intensive in terms of overall construction truck traffic generation. The most intensive period in terms of the other miscellaneous delivery trucks would occur during the Building Construction phase for an approximate 30-month period. While it is recognized that these two phases are not expected to overlap (i.e., Site Preparation and Building Construction), they were assumed to be concurrent in order to provide a conservative analysis and to provide greater flexibility as the actual final phasing of the work has not yet been determined.

Peak Construction Traffic Trip Generation

Traffic generation is expressed in vehicle trip ends, defined as one-way vehicular movements, either entering or exiting the generating land use. Trip generation equations and/or rates provided in the ITE *Trip Generation Manual* publication³ were not utilized to forecast traffic generation for the construction activities, as the ITE document does not contain trip rates for specifically this type of expected construction-related hauling operation. Therefore, the construction trip generation forecast was derived based on the development of construction worker and truck forecasts given the expected hauling/delivery capacities as well as the application of passenger car equivalency (PCE) factors, as described more fully below.

Haul Trucks

In developing the forecast of peak truck trip generation, several factors were taken into consideration:

- Hours of Hauling Operation
- Capacity of Haul Trucks
- Application of PCE Factors

For regional construction traffic accessing State Route 2 (SR-2), access would be via the San Fernando Road on/off-ramps southwest of the site, or via Eagle Rock Boulevard ramps east of the site, before turning onto Avenue 36 to Fletcher Drive. The site has been in operation adjacent to Fletcher Drive and would expect to continue to maintain operation through construction.

It is anticipated that construction vehicles related to the export activities will have a capacity of approximately 14 cubic yards per truck. It has also been assumed for analysis purposes that all hauling activities would be limited to no earlier than 9:00 AM and end no later than 5:00 PM. As noted above, in order to account for the effect that trucks have on overall intersection operations, PCE factors were incorporated into the analysis of potential construction-related traffic impacts. Based on a review of the size of haul trucks expected to be utilized, a PCE factor of 2.5 was incorporated into the traffic analysis (i.e., it is assumed that a single 14 cubic yard haul truck has the same overall effect on traffic operations as 2.5 passenger cars). This assumption is conservative and accounts for the heavy vehicle type and slower speeds when fully loaded. The traffic generation forecast assuming the use of 14-cubic yard capacity haul trucks is summarized in **Table 1**.

³ *Trip Generation Manual*, Institute of Transportation Engineers, 11th Edition, 2021.

The most intensive period of overall construction activity and construction truck traffic generation is expected to occur during the Site Preparation phase for an approximate six-month period. The Site Preparation phase would include the removal of existing building materials (i.e., 62,442 square feet), vegetation clearing, removal of unwanted materials from the site, and removal of any portable buildings. During the peak, up to 70 trucks per day (i.e., 35 inbound trucks and 35 outbound trucks) are anticipated. Assuming a total of eight hours of hauling activities each day, it is estimated that approximately four truck loads (i.e., resulting in four inbound trucks and four outbound trucks) would occur per hour. When accounting for the application of a passenger car equivalency (PCE) factor of 2.5 to account for the heavier weight and larger size haul trucks, a total of 10 inbound truck PCE trips and 10 outbound truck PCE trips could potentially occur during the weekday AM and PM peak hours.

Equipment and Delivery Trucks

In addition to construction haul trucks, additional trips may be generated by miscellaneous trucks traveling to and from the Project site. These trucks may consist of trucks delivering equipment and/or construction materials to the Project site. In addition, smaller pick-up trucks or four-wheel drive vehicles used by construction supervisors and/or City inspectors are expected to be generated to and from the site. During the peak phase for deliveries (i.e., Building Construction), up to 12 delivery trucks are anticipated for this phase. It is estimated that if these deliveries all occur on a concentrated single day of that phase, up to 24 trucks per day (i.e., 12 inbound trucks and 12 outbound trucks) would be generated to and from the site. To conservatively estimate the equivalent number of passenger vehicles associated with the trucks, a PCE factor of 2.0 was utilized based on standard traffic engineering practice. Therefore, assuming 24 daily trucks per day, it is estimated that the trucks would generate approximately 48 daily PCE vehicle trips (i.e., 24 inbound PCE trips and 24 outbound PCE trips). It is also estimated that approximately eight (8) PCE vehicle trips (4 inbound PCE trips and 4 outbound PCE trips) could occur during each of the weekday AM and PM peak hours.

Construction Workers/Employees

The most intensive period in terms of the number of construction workers would occur during the summer months with up to a maximum of 150 workers during the peak periods. Based on confirmation from School representatives, summer school classes are not held at this campus and would not overlap with the 150 workers which are anticipated to be on-site during the summer months. During the overlap with concurrent School operations, it is anticipated that an average of 50 workers would be on-site. For purposes of this review, the number of construction workers were

reviewed during the concurrent operation of the School when students are present on-site. Construction workers are expected to arrive at the Project site before 7:00 AM. Since the construction workday would commence by 7:00 AM, these trips would occur outside of the weekday commute AM peak hour, but could occur during the weekday PM peak hour. Assuming the typical workday ends at 3:30 PM, fifty percent (50%) of the workers are assumed to leave the site between 3:30 PM and 4:00 PM, twenty-five percent (25%) between 4:00 PM and 4:30 PM, and the remaining twenty-five percent (25%) after 4:30 PM (including supervisors). Thus, while these construction worker trips would generally occur outside of the commute PM peak hour of adjacent street traffic, fifty percent (50%) of the work force (i.e., 25 workers) has been assumed to overlap with the weekday commute PM peak hour (i.e., between 5:00 PM and 6:00 PM) in order to provide a conservative forecast of construction worker traffic generation. The construction worker arrival and departure times are expected to occur outside of the peak hour of student pick-up/drop-off operations as well (i.e., before 7:00 AM and after 3:30 PM).

It is anticipated that construction workers would primarily remain on-site throughout the day. The number of construction worker vehicles is estimated using an average vehicle ridership (AVR) factor of 1.135 persons per vehicle (as provided in the South Coast Air Quality Management District in its CEQA Air Quality Handbook). Therefore, it is estimated that approximately 88 vehicle trips (44 inbound trips and 44 outbound trips) on a daily basis would be generated to/from the site by the construction workers during the peak period when a total of 50 construction workers are expected to be on-site. With fifty percent (50%) of the workers conservatively assumed to overlap with the weekday PM peak hour, this would result in 22 outbound construction worker vehicle trips.

Total Construction Traffic Generation

Taken together as summarized in *Table 1*, the construction haul trucks, miscellaneous delivery vehicles, and construction worker vehicles are forecast to generate up to 28 weekday AM peak hour PCE vehicle trips (i.e., 14 inbound PCE trips and 14 outbound PCE trips). During the PM peak hour, the construction traffic generation is expected to total 50 PCE vehicle trips (i.e., 14 inbound PCE trips and 36 outbound PCE trips). Over a 24-hour period, the construction traffic generation is forecast to generate an increase of 312 daily PCE trip ends during a typical weekday (156 inbound PCE trips and 156 outbound PCE trips).

For comparison purposes, traffic generation for the existing Irving MS campus was estimated based on the trip generation rates published in the *ITE Trip Generation Manual* for Land Use Code 522 (Middle School/Junior High School) and applied to the existing number of students. When compared to the traffic generated by the

operations of the School (i.e., 429 AM peak hour vehicle trips, 96 PM peak hour vehicle trips, and 1,344 daily vehicle trips), the short-term construction traffic anticipated during the peak construction activities are anticipated to be less than the daily operations of the Irving MS. In fact, daily traffic generation for site operations are expected to be higher as the campus also serves a number of students in Grades K through 12 through various other programs held on campus (i.e., STEAM25 Magnet Program, Dual Language Program, Special Education for the visually impaired, LACER Afterschool program, Isana Octavia Academy, and City of Angels Community School).

Pedestrian Access During Construction Activities

Due to the multiple loading areas on campus for the various programs, existing sidewalks along Fletcher Drive, Estara Avenue, Marguerite Street, and West Avenue 32 are expected to be maintained, depending upon the construction phasing activities. In addition, the following intersections with continental style crosswalks generally utilized for access to/from campus are expected to be maintained during construction activities:

- Four legs of the intersection of Estara Avenue / Fletcher Drive
- Four legs of the intersection of Estara Avenue / Marguerite Street
- Two legs of the westerly intersection of West Avenue 32 (South Leg) / Fletcher Drive
- One leg of the easterly intersection of West Avenue 32 (North Leg) / Fletcher Drive

As shown previously in *Figure 2*, an existing crossing guard currently assists with student/pedestrian crossing during the morning and afternoon school peak periods at the intersection of Estara Avenue / Fletcher Drive. It is recommended that during construction activities, an additional temporary crossing guard be provided at the West Avenue 32 (South Leg) / Fletcher Drive (westerly intersection) to assist with student/pedestrian crossing since the majority of construction trucks/vehicles are expected to arrive/depart from the Project site via eastbound/westbound Fletcher Drive.

As mentioned previously, the existing pedestrian access to the campus is currently controlled at seven (7) locations which are also expected to be maintained, depending upon the construction phasing activities. After completion of the Project, all existing pedestrian points of entry would remain except for Octavia Gate 3, which serves as the City of Angels Community School entrance along the south side of Fletcher Drive. This entrance would be relocated, as the City of Angels Community School

would be relocated elsewhere on-campus or off-campus. As it is recognized that while there are seven (7) pedestrian gate locations, there are five (5) main pick-up/drop-off zones located on Campus and one Special Education (SPED) bus pick-up/drop-off area on the former Roswell Street on-site parking lot. These gate locations connect to two main pedestrian walking paths across campus, including: 1) the Fletcher Gate (i.e., the pedestrian entrance adjacent to the Vehicular Access 1 driveway) to the pedestrian entrance on Marguerite Street, and 2) the Main Gate (i.e., the pedestrian entrance along the west side of Estara Avenue at the Irving MS main entrance) to the Physical Education Building.

During periods of heavy construction activities with the demolition of the Administration building and construction of the new Administration and Classroom building, the existing Irving MS Main Entrance pedestrian gate on Estara Avenue may need to be closed and pedestrian gate access be consolidated to other pedestrian gates such as the Visitor Entrance gate on Estara Avenue just south of Roswell Street or the pedestrian gate on Marguerite Street.

The following general considerations are recommended to maintain pedestrian access and safety during all phases of construction:

- Notify the general public along with representatives from the schools, student and parent community and other entities in the area to alert them of upcoming changes due to construction and advise them of any efforts being taken to accommodate pedestrian needs, especially if any existing routes are closed or detoured. Display in a visible location near the work site, the contact information of School/construction representatives to pedestrians who want to make inquiries or report problems.
- Provide a safe, convenient travel path for pedestrians during all phases of construction and maintain the pedestrian pathways clear of debris and inspect them on a regular basis.
- Minimize construction vehicle and equipment movements across pedestrian pathways to the extent feasible. Avoid leading pedestrians into conflicts with construction vehicles, equipment, operations, and workers.
- Evaluate adequacy for pedestrian safety and remove any hazards.
- Covered walkways should be provided where pedestrians are exposed to potential injury from falling debris.
- In the event where a sidewalk must be closed, a temporary route should be created along the existing alignment. When it is not possible to create a temporary route, pedestrians must be detoured with advance signs in

accordance with the *California Manual on Uniform Traffic Control Devices* (CA MUTCD).

- Provide at least the minimum required width and smooth surface for wheelchair access. Provide ADA compliant wheelchair ramps where necessitated by elevation changes.
- Provide continuous access to the transit stop provided along the Project frontage on Fletcher Drive and/or relocate transit stop.
- Avoid closing any crosswalks in the Project immediate area especially the crosswalks along Fletcher Drive, Estara Avenue and Marguerite Street.

Emergency Access During Construction Activities

The potential transportation impacts during Project construction have been analyzed as summarized above. Having stated this, emergency vehicle access throughout the study area must be maintained during the construction activities. It is important to note that as required by the State of California Vehicle Code (i.e., specifically Section 21806, Authorized Emergency Vehicles), “upon the immediate approach of an authorized emergency vehicle which is sounding a siren and which has at least one lighted lamp exhibiting red light that is visible, under normal atmospheric conditions, from a distance of 1,000 feet in front of a vehicle, the surrounding traffic shall, except as otherwise directed by a traffic officer, do the following:

- (a) (1) Except as required under paragraph (2), the driver of every other vehicle shall yield the right-of-way and shall immediately drive to the right-hand edge or curb of the highway, clear of any intersection, and thereupon shall stop and remain stopped until the authorized emergency vehicle has passed.
- (2) A person driving a vehicle in an exclusive or preferential use lane shall exit that lane immediately upon determining that the exit can be accomplished with reasonable safety.
- (b) The operator of every street car shall immediately stop the street car, clear of any intersection, and remain stopped until the authorized emergency vehicle has passed.

- (c) All pedestrians upon the highway shall proceed to the nearest curb or place of safety and remain there until the authorized emergency vehicle has passed.”⁴

During the construction of the proposed Project, it is expected that emergency vehicles will continue to utilize the surrounding street system even though some travel lanes along certain portions of some roadways may be temporarily used for construction staging and/or material delivery. If required, drivers of emergency vehicles are also trained to utilize center turn lanes, or travel in opposing through lanes to pass through crowded intersections or streets. Thus, the respect entitled to emergency vehicles and driver training allow emergency vehicles to negotiate typical street conditions in urban areas including areas near any temporary travel lane closure(s).

Construction Management and Haul Route Approval

Approvals required by the City of Los Angeles and the State of California Department of Transportation (Caltrans) for implementation of the proposed Project include a Truck Haul Route program approved by the City and an encroachment permit obtained by Caltrans. With regard to other construction traffic-related issues, construction equipment would be stored within the perimeter fence of the site.

As a general contractor has not yet been selected, the exact extent of the construction work site boundary cannot be determined at this time. The construction contractor will be required to submit a Construction Worksite Traffic Control Plan to the Office of Environmental Health and Safety (OEHS) for review prior to the start of construction activities. Given the number of pedestrians (i.e., guardians and children) walking to/from the campus, it is recommended that certain lanes/sidewalks along Fletcher Drive, Estara Avenue, and Marguerite Street remain open during construction. Should the closure of any lanes/sidewalks be determined to be necessary, appropriate pedestrian detours will be required to be established along with the appropriate advance warning signage directing pedestrians to other available sidewalks and crosswalks/crossings. Should any such pedestrian detours or temporary travel lane closures be proposed, traffic control/management plans will be prepared for the required review and approval by the City of Los Angeles Department of Transportation. In addition, a Construction Staging and Traffic Management Plan (CSTMP) will also be required for review and approval by the City outlining all of the above details.

⁴ Source: State of California Department of Motor Vehicles website; <https://www.dmv.ca.gov/portal/dmv>; Amended Sec. 68, Ch. 1154, Stats 1996 Effective September 30, 1996.

With the required haul route approval and other construction management practices, construction activity impacts would be less than significant. Potential construction traffic impacts can be further reduced with the implementation of the following design features as part of the CSTMP:

- Maintain existing access for school campus and on-site parking facilities;
- Limit any potential roadway lane closures to off-peak travel periods;
- Schedule receipt of construction materials to non-peak travel periods, to the extent possible;
- Coordinate deliveries to reduce the potential of trucks waiting to unload for protracted periods of times; and
- Prohibit parking by construction workers on adjacent residential streets and direct all construction workers to designated on-site parking areas.

City of Los Angeles High Injury Network Review

Vision Zero is a policy which prioritizes the safety of pedestrians and bicyclists on public streets, with the understanding that roads which are safe for vulnerable users will be safer for all users, in an effort to eliminate traffic fatalities. Key elements of the policy, such as reducing traffic speeds, are founded on the principles of engineering, education, enforcement, evaluation, and equity. Originating in Sweden, the policy has been adopted in numerous other North American cities, including California cities such as San Francisco and San Diego.

Former Mayor Eric Garcetti issued Executive Directive No. 10 in August 2015, formally launching the Vision Zero initiative in Los Angeles. Vision Zero is also a stated safety objective in the Mobility Plan 2035, which sets the goal of zero traffic deaths by 2035. Jointly directed by the Department of Transportation and the Police Department, Vision Zero takes a multi-disciplinary approach to identifying safety risk factors and implementing solutions on a citywide scale. Using a methodology originally developed by the San Francisco Public Health Department, the Vision Zero Task Force has identified streets where investments in safety will have the most impact in reducing severe injuries and traffic fatalities in the City⁵. These roads are collectively known as the High Injury Network (HIN). The HIN will be reviewed for potential engineering re-design as well as educational and enforcement campaigns.

⁵ Vision Zero Los Angeles 2015-2025, August 2015.

The proposed Project is located at 3010 Estara Avenue in the Northeast Los Angeles Community Plan Area. The roadways adjacent to and in the vicinity of the Irving MS campus that have been identified on the City's HIN are noted below:

- Fletcher Drive between Glendale Boulevard and Estara Avenue (along Irving MS campus frontage), and
- San Fernando Road between Fierro Street and Macon Street (approximately 0.30-miles from Irving MS campus).

If a proposed project results in significant traffic impacts at intersections located along a designated HIN, LADOT's Vision Zero group will review those specific locations and immediate vicinity for potential safety enhancements that are consistent with the City's Vision Zero initiative.

Conclusions and Recommendations

The following recommendations are based on LLG's review of the current pick-up/drop-off activities associated with usage of the pick-up/drop-off loading zone on Marguerite Street as well as usage of drop-off/pick-up activities on West Avenue 32, Estara Avenue, and Fletcher Drive as it relates specifically to overall circulation patterns:

- i. In accordance with Standard Condition Measures SC-PED-2 and SC-PED-4, it is recommended that the Irving MS institute monitors to help in the loading and unloading of students to/from personal vehicles at the future planned main loading zone along the north side of Marguerite Street between West Avenue 33 and Estara Avenue, as well as the existing secondary loading areas along the south side of Fletcher Drive and along Estara Avenue. In addition to the passenger loading signage, the main Marguerite Street loading zone shall be coned off, marking the appropriate area for guardians to drop-off/pick-up students without leaving the vehicle. This has been observed to result in a more continuous traffic flow and efficient vehicle processing, which in turn reduces the potential for any vehicle queuing outside of the designated loading zone area.
- ii. It is recommended that a minimum of one (1) monitor be stationed near each of the loading areas surrounding the Irving MS campus: 1) near the Marguerite Street main loading area; 2) along the west side of Estara Avenue; 3) south side of Fletcher Drive near the Fletcher Gate. The monitors will be present primarily for the oversight of drop-off/pick-up activities at the designated loading zone and not to assist with any pedestrian crossings. It is recognized that improving the processing of pick-up operations would also

- help relieve congestion/queues observed along Marguerite Street and Estara Avenue. The recommended circulation pattern is intended to facilitate a high processing rate for dropping-off and picking-up students (i.e., unload and load several vehicles at a time). Parents will be encouraged to have their student ready to exit and enter the vehicle quickly and safely.
- iii. It was observed that the monitor stationed at the Vehicular Access 1 driveway and the monitor stationed at Octavia Gate 1 were not easily visible to motorists entering the on-site parking lot and motorists entering the loading zone for Isana Octavia Academy, respectively. It is therefore recommended that monitors wear safety gear including reflective vests, hats and/or gloves at all times when performing traffic control operations at the campus. Also, it should be reiterated that monitors be on time and present prior to the commencement of loading operations.
 - iv. As posted for the loading zone, time-restricted two-hour parking is currently only permitted during the off-peak loading time periods between 9:00 AM and 1:30 PM during school days. In addition, parking is not permitted along the west side of Estara Avenue between 7:00 AM and 5:00 PM on school days, and parking is not permitted along the south side of Marguerite Street and along the east side of Estara Avenue between 12:00 PM and 2:00 PM on Wednesdays. Further enforcement should be implemented such that vehicles observed to be parked within the Marguerite Street loading zone, as well as vehicles parked along the west side of Estara Avenue, during the loading period would be towed/ticketed since any parked vehicle/s during the loading period would essentially block other vehicles from fully utilizing the loading zone and reduces the efficiency of vehicle processing. Guidance on parking restrictions, vehicle enforcement, and school parking signage are provided in the School Traffic Safety Reference Guide REF-4492.1 as part of Standard Condition Measure SC-PED-4.
 - v. Based on the field observations, a crossing guard was observed at the Estara Avenue / Fletcher Drive intersection. It is recommended that the School prepare a circulation and pedestrian routes plan and encourage that guardians and students follow the circulation pattern and utilize the loading areas for those who choose to conduct drop-off/pick-up activities along the Marguerite Street, Estara Avenue, or Fletcher Avenue frontages. Guardians who choose to park or stop along the east side of Estara Avenue and have their child(ren) walk to the Main Gate or Visitor Entrance along the west side of Estara Avenue should be informed by the School that the child(ren) must cross within the designated crosswalks at either Estara Avenue / Fletcher Drive or

Estará Avenue / Marguerite Street and not cross mid-block. Standard Condition Measure SC-PED-2 identifies the OEHS Traffic and Pedestrian Safety Program which includes measures (i.e., sidewalks, crossing guards, crosswalks, warning signs, etc.) to ensure separation between pedestrians and vehicles along pedestrian routes.

- vi. Due to the high level of pedestrian activity from guardians/students who walk to/from campus, it was observed that a significant number of pedestrians crossed Estara Avenue mid-block without use of the designated crosswalks on Estara Avenue. Some pedestrians were also observed to cross Marguerite Street without use of the designated crosswalks on Marguerite Street. In accordance with Standard Condition Measure SC-PED-2, it is recommended that “No Ped X-ing” signs be installed facing both the northbound and southbound directions mid-block on Estara Avenue and that pedestrians be re-directed to continue north/south in order to cross Estara Avenue at the designated crosswalks at Fletcher Drive or Marguerite Street. It is also recommended that “No Ped X-ing” signs be installed facing both the eastbound and westbound directions on Marguerite Street (between West Avenue 33 and Estara Avenue) and that pedestrians be re-directed to continue east/west in order to cross Marguerite Street at the designated crosswalks at West Avenue 33 or Estara Avenue.
- vii. School-operated buses which transport students to/from Irving MS shall load and unload students along the east side of West Avenue 32 during the morning and afternoon loading time periods. Only the school-operated bus for Special Education students shall enter the site using the Vehicular Access 2 driveway along the south side of Fletcher Drive and use the on-site parking lot to load and unload students during the morning and afternoon loading time periods.
- viii. Based on information provided in the Initial Study, the sidewalk along the east side of West Avenue 32 was observed to be four feet wide and in poor condition. In accordance with Standard Condition SC-PED-3, it is recommended that substandard sidewalks along the Irving MS campus frontages be improved to a minimum of eight feet wide to ensure safety between pedestrians using the sidewalks and vehicles using the adjacent roadways. In addition, the Initial Study noted that the Vehicular Access 1 driveway on the west side of Estara Avenue does not provide an ADA-accessible path for pedestrians. It is therefore recommended that the Vehicular Access 1 driveway be improved with an ADA-accessible sidewalk entry or curb ramps.

- ix. Based on the field observations, much of the posted signage (i.e., parking restriction/passenger loading signage, etc.) along the Irving MS campus frontages had low visibility due to street trees covering the signs. It is recommended that the street trees/landscaping along the campus frontages within the public right-of-way be trimmed and maintained to ensure posted signage is clearly visible and properly enforced. In addition, any new street trees or streetscape plantings should be introduced along the campus frontages within the public right-of-way in accordance with the City's standards.

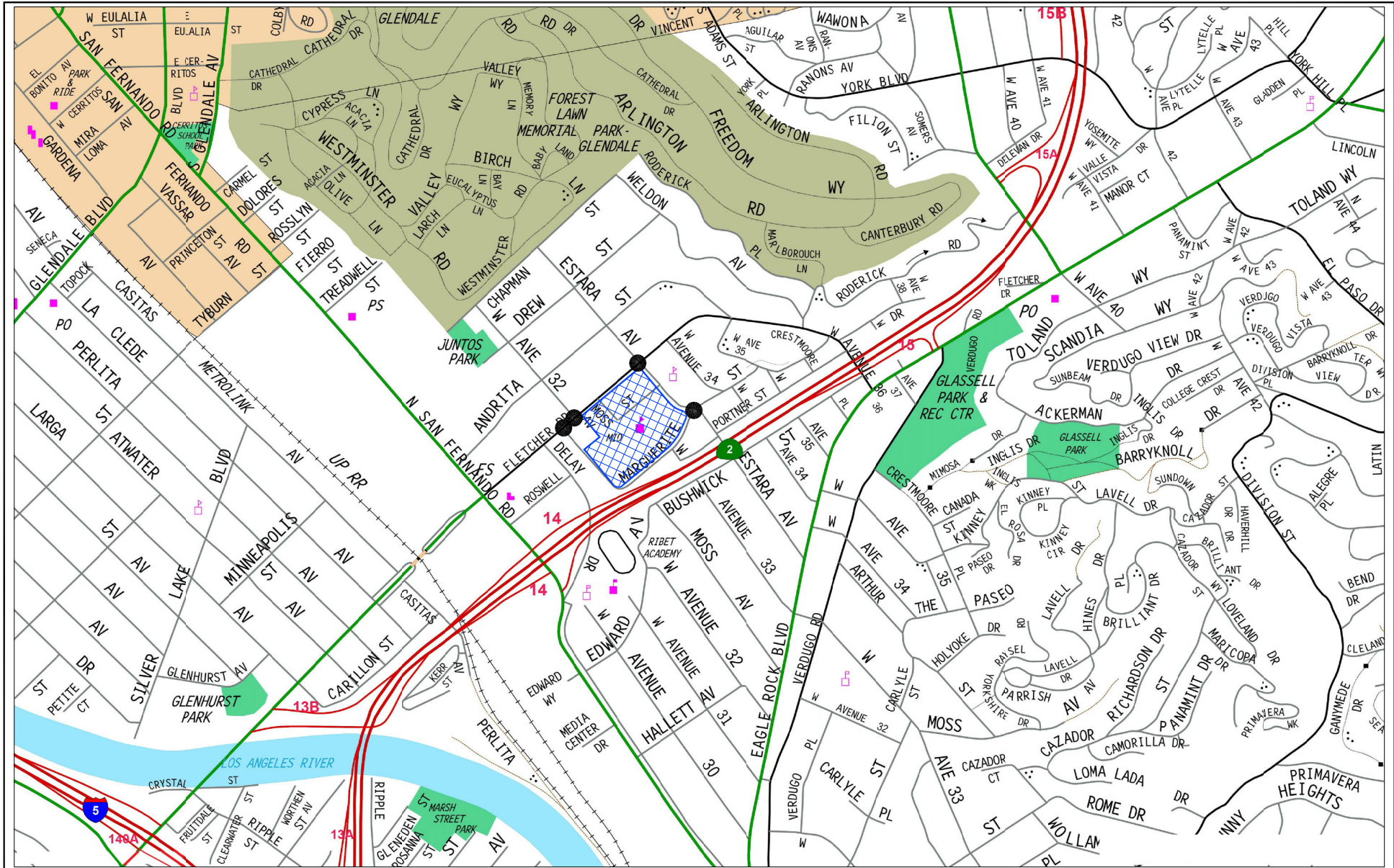
Recommendations on General Campus Traffic Procedures

It is also recommended that the student drop-off/pick-up operations be included in the School policies for parent/guardian distribution at the beginning of each school year during the student enrollment period. The School's policy would include general traffic procedures for the campus, a summary of the drop-off and pick-up procedures, reminders on School policies for off-campus traffic circulation and parking, as well as provisions for being a good neighbor to local residents living near the School campus. These School policies are communicated to faculty, staff, students and parents/guardians at the beginning of the school year and are reinforced throughout the school year in the School's newsletter that is distributed throughout the School community, as well as to every resident located within a 500-foot radius of the campus.

It is also recommended that a School official (i.e., the School Principal or Principal's designee) along with their respective contact information, including telephone number, continue to be published in the School's newsletter as well as posted on the School's website so that if the community has questions or comments regarding school-related traffic and parking issues, there is one clearly identified contact person. This School official would be referred to as the School's traffic and parking ombudsman and would be responsible for proactively addressing questions, comments and complaints from the School community and local residents. It is expected that the School's traffic and parking ombudsman would be very familiar with all policies and procedures regarding traffic and parking operations at the campus, as well as any construction activities or special events planned to be held at the campus.

Please feel free to call us at 626.796.2322 with any questions and comments.

c: File



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MAP SOURCE: RAND MCNALLY & COMPANY





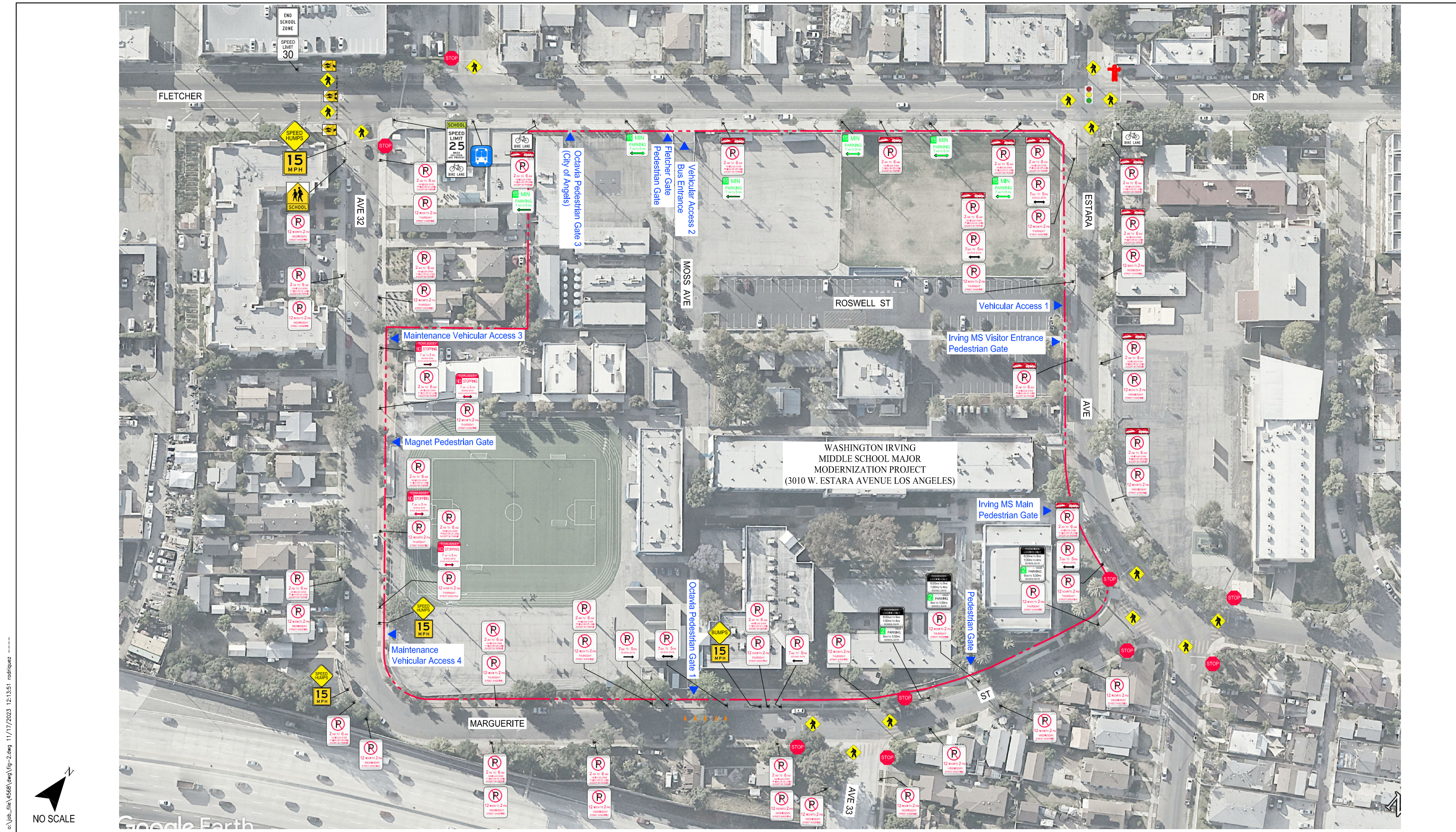
-  Project Site
-  Study Intersection

Figure 1
Site Vicinity



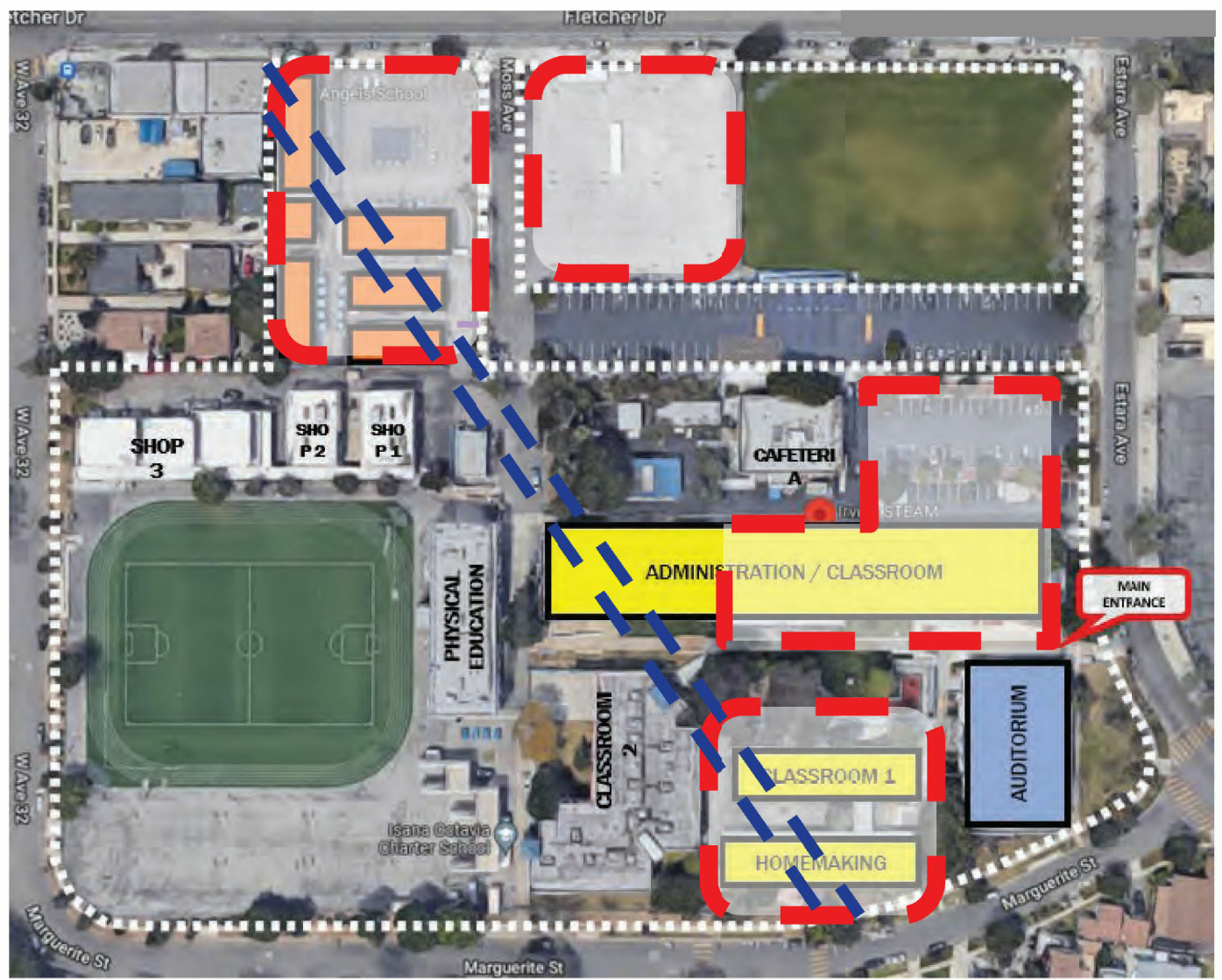
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- | | | | | | |
|--------------|------------------|----------------------|-------------------------------|-----------------|-------|
| PROJECT AREA | CROSSWALK YELLOW | LOADING/PARKING SIGN | YIELD TO PEDESTRIANS | BIKE ROUTE/LANE | CONES |
| SIGNAL | PARKING SIGN | PARKING SIGN | SCHOOL ADVANCED WARNING SIGN | SPEED LIMIT | |
| STOP SIGN | PARKING SIGN | BUS STOP | SCHOOL CROSSWALK WARNING SIGN | CROSSING GUARD | |

Figure 2
Existing Conditions

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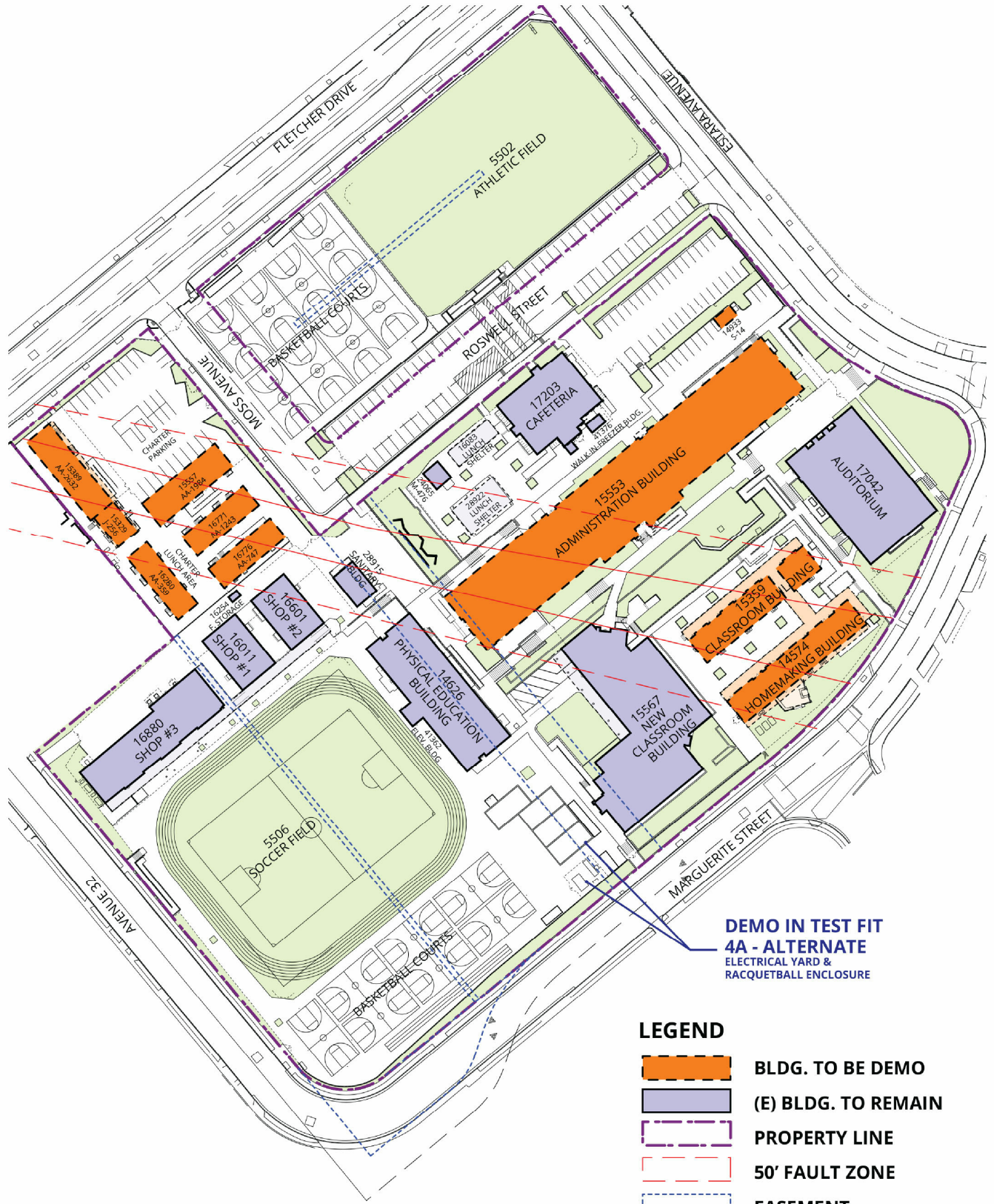
- KEY**
- PORTABLES TO BE REMOVED
 - BUILDINGS TO BE REMOVED
 - BUILDING TO BE MODERNIZED
 - MINIMAL SEISMIC RETROFIT
 - MINIMAL MODERNIZATION
 - DEVELOPMENT ZONE

MAP SOURCE: SAPPHOS ENVIRONMENTAL, INC



Figure 3A
Proposed Site Plan

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MAP SOURCE: SAPPHOS ENVIRONMENTAL, INC

**DEMO IN TEST FIT
4A - ALTERNATE**
ELECTRICAL YARD &
RACQUETBALL ENCLOSURE

- LEGEND**
- BLDG. TO BE DEMO
 - (E) BLDG. TO REMAIN
 - PROPERTY LINE
 - 50' FAULT ZONE
 - EASEMENT



Figure 3B
Demolition Plan



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PROJECT AREA

XX(XX) = AM(PM) PEAK HOUR VOLUMES

Figure 4
Existing Vehicular Traffic Volumes

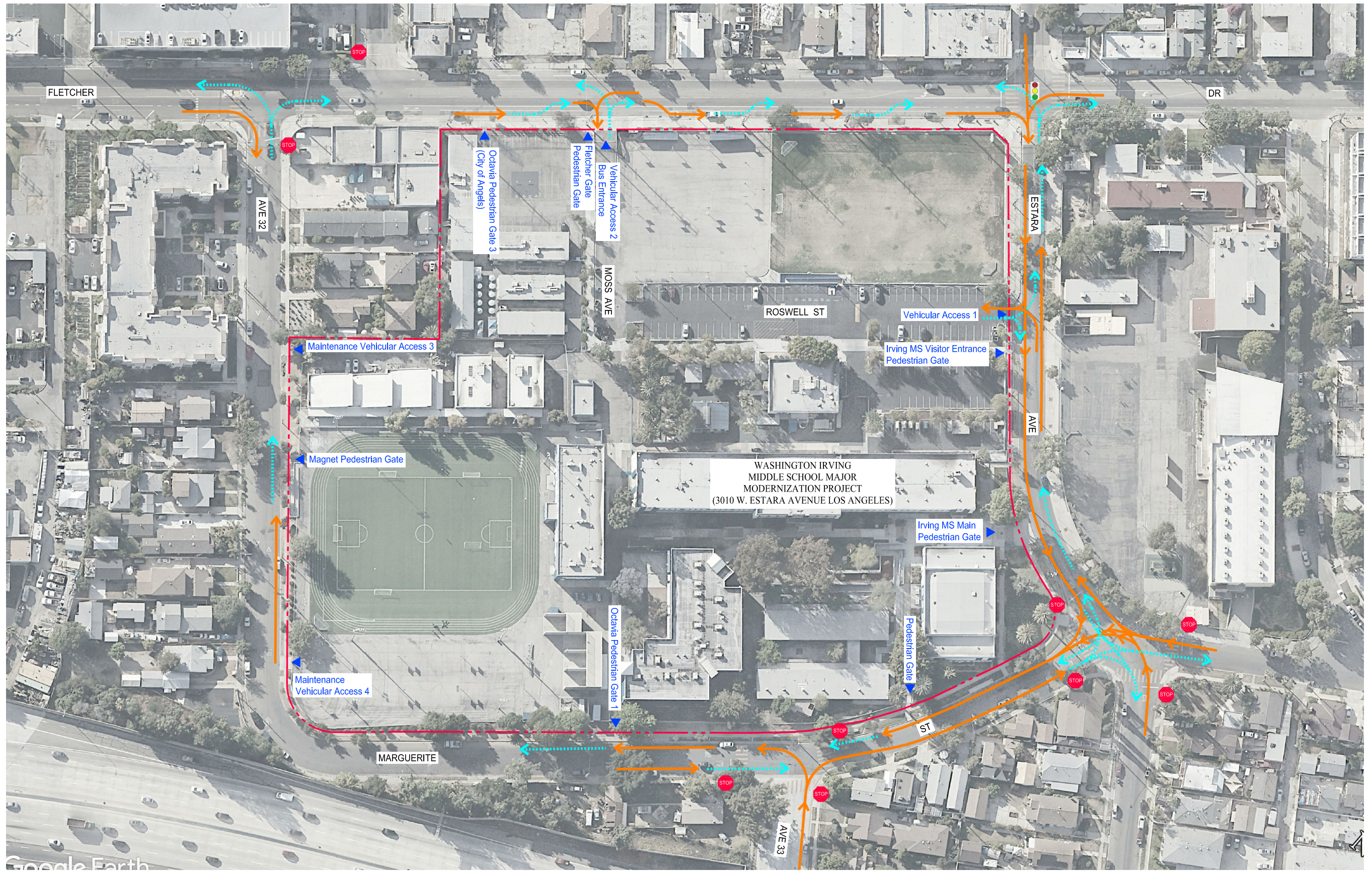


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PROJECT AREA
 XX (XX) = AM/(PM) PEAK HOUR PEDESTRIAN VOLUMES

Figure 5
Existing Pedestrian Traffic Volumes



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- PROJECT AREA
- ← INBOUND CIRCULATION
- - - OUTBOUND CIRCULATION

Figure 6
Existing School Inbound/Outbound Circulation Patterns



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- PROJECT AREA
- ← INBOUND CIRCULATION
- - - - - OUTBOUND CIRCULATION

Figure 7
Existing School Bus Circulation Patterns
Washington Irving Middle School Major Modernization Project

**Table 1
TRIP GENERATION USING 14 CUBIC-YARD CAPACITY TRUCKS [1]
PEAK CONSTRUCTION PHASE**

LAND USE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
		IN	OUT	TOTAL	IN	OUT	TOTAL
Construction Trip Generation							
[A] Construction Workers [3]	88	0	0	0	0	22	22
[B] 14-cy Haul Truck Trips (unadjusted) [4]	70	4	4	8	4	4	8
[C] Delivery Truck Trips (unadjusted) [5]	24	2	2	4	2	2	4
[D] PCE Adjusted 14-cy Haul Truck Trips [6]	176	10	10	20	10	10	20
[E] PCE Adjusted Delivery Truck Trips [7]	48	4	4	8	4	4	8
Total Trips in PCEs with 14-CY Trucks ([A]+[D]+[E])	312	14	14	28	14	36	50
Existing Irving Middle School Campus Trip Generation							
Middle/Junior High School [8] 640 students	1,344	232	197	429	46	50	96
Total Existing Campus Trip Generation	1,344	232	197	429	46	50	96

[1] Source: Based on the construction info provided by LAUSD for other comparable campuses, the following is assumed:

Haul trips expected to average 35 truck trips per day during the Site Preparation phase of peak export activities.

Hours of Truck Hauling Operations: Mondays to Fridays, 9:00 AM to 5:00 PM (8 hours of hauling per day are assumed)

[2] Trips are one-way traffic movements, entering or leaving.

[3] An average of 50 construction workers are expected to be on-site when students are present during the regular school year. Workers are assumed to arrive at the site prior to 7:00 AM and it is assumed that 50 percent (one-half) of the workers would depart during the PM peak hour of adjacent street traffic.

An average vehicle ridership factor of 1.135 passengers/vehicles was applied to determine the worker vehicle trips.

Daily construction worker trips = 50 workers/ (1.135 passengers/vehicle) = 44 inbound vehicle trips + 44 outbound vehicle trips = 88 total daily vehicle trips

[4] Daily truck trips to/from the receptor site/s were derived based on the following, using 14 cubic yard (cy) capacity per haul truck:

35 total truck loads per day = 35 inbound trips + 35 outbound trips = 70 total daily truck trips.

Peak Hour Truck Trips = 70 trips / 8 hours = 8 one-way truck trips per hour.

Thus, for analysis purposes 4 inbound truck trips + 4 outbound truck trips = 8 total truck trips per hour have been assumed.

[5] Peak delivery trips are expected during the Building Construction phase of construction activities, where 24 one-way delivery truck trips are expected during the peak day.

12 inbound delivery trucks + 12 outbound delivery trucks = 24 total daily delivery truck trips (assumed for peak delivery day)

[6] A passenger car equivalency (PCE) factor of 2.5 was employed for analysis purposes. This accounts for the assumption that a single 14 cubic yard capacity haul truck has the same overall affect on intersection traffic operations as 2.5 passenger cars.

Peak Hour Adjusted Truck Trips (in PCEs) = 10 inbound truck trips + 10 outbound truck trips = 20 total truck trips (in PCEs) have been assumed.

[7] A PCE factor of 2.0 was employed for delivery trucks, and the adjusted daily and peak hour delivery truck trips (in PCEs) are as follows:

Daily Adjusted Delivery Trips (in PCEs) = 24 inbound delivery trips + 24 outbound delivery trips = 48 total daily delivery trips.

Peak Hour Adjusted Delivery Trips (in PCEs) = 4 inbound delivery trips + 4 outbound delivery trips = 8 total delivery trips.

[8] Source: ITE "Trip Generation Manual", 11th Edition, 2021.

ITE Land Use Code 522 (Middle School/Junior High School) trip generation average rates.

- Daily Trip Rate: 2.1 trips/student; 50% inbound/50% outbound

- AM Peak Hour Trip Rate: 0.67 trips/student; 54% inbound/46% outbound

- PM Peak Hour Trip Rate: 0.15 trips/student; 48% inbound/52% outbound

ATTACHMENT A
MANUAL INTERSECTION TRAFFIC COUNTS –
SCHOOL AM AND PM PEAK HOURS

City of Los Angeles
 N/S: West Avenue 32 (West Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01A_LAC_Ave 32 W_Fle AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

Groups Printed- Total Volume

Start Time	Fletcher Drive Westbound			West Avenue 32 Northbound			Fletcher Drive Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
07:00 AM	0	154	154	6	1	7	50	5	55	216
07:15 AM	1	140	141	11	5	16	58	4	62	219
07:30 AM	1	200	201	11	12	23	125	9	134	358
07:45 AM	7	203	210	37	22	59	188	19	207	476
Total	9	697	706	65	40	105	421	37	458	1269
08:00 AM	5	175	180	25	23	48	98	11	109	337
08:15 AM	0	185	185	4	1	5	68	4	72	262
08:30 AM	4	161	165	3	4	7	75	0	75	247
08:45 AM	0	169	169	1	0	1	74	4	78	248
Total	9	690	699	33	28	61	315	19	334	1094
Grand Total	18	1387	1405	98	68	166	736	56	792	2363
Apprch %	1.3	98.7		59	41		92.9	7.1		
Total %	0.8	58.7	59.5	4.1	2.9	7	31.1	2.4	33.5	

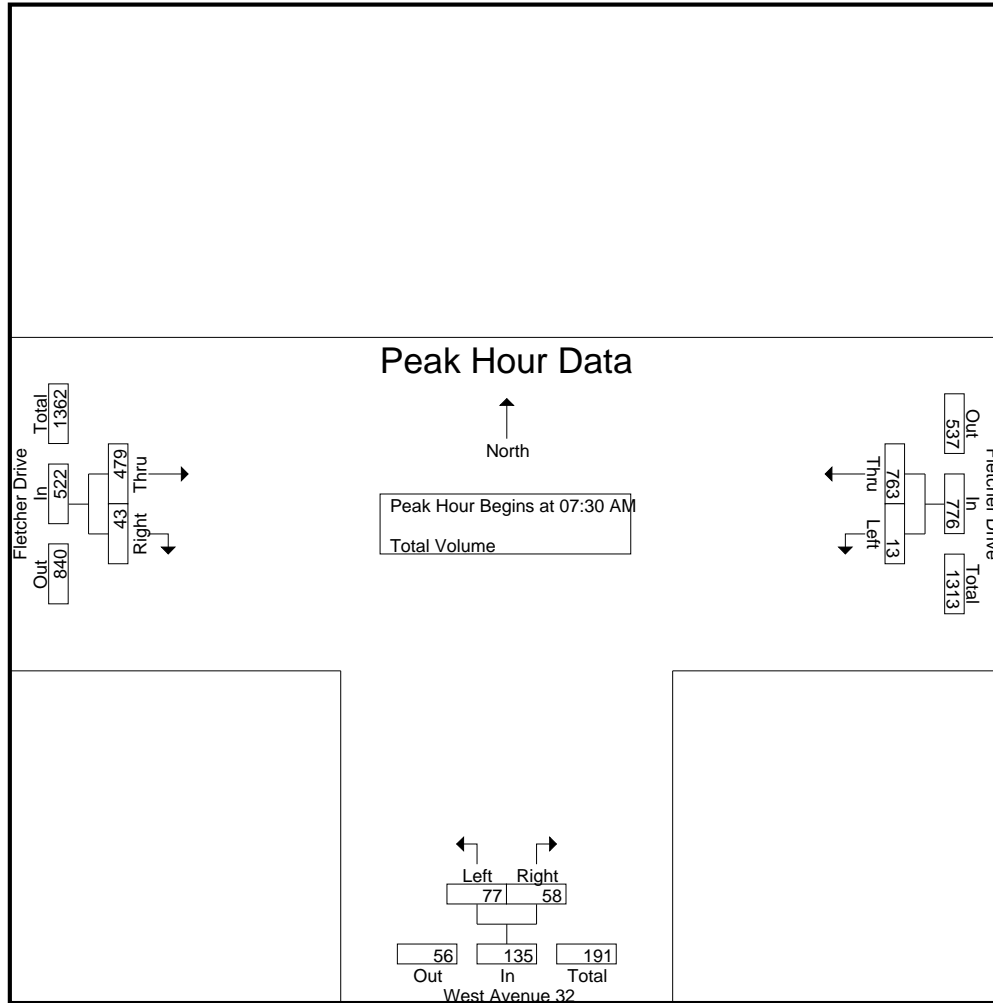
Start Time	Fletcher Drive Westbound			West Avenue 32 Northbound			Fletcher Drive Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
07:30 AM	1	200	201	11	12	23	125	9	134	358
07:45 AM	7	203	210	37	22	59	188	19	207	476
08:00 AM	5	175	180	25	23	48	98	11	109	337
08:15 AM	0	185	185	4	1	5	68	4	72	262
Total Volume	13	763	776	77	58	135	479	43	522	1433
% App. Total	1.7	98.3		57	43		91.8	8.2		
PHF	.464	.940	.924	.520	.630	.572	.637	.566	.630	.753

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM

City of Los Angeles
 N/S: West Avenue 32 (West Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01A_LAC_Ave 32 W_Fle AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM			07:15 AM			07:30 AM		
+0 mins.	1	200	201	11	5	16	125	9	134
+15 mins.	7	203	210	11	12	23	188	19	207
+30 mins.	5	175	180	37	22	59	98	11	109
+45 mins.	0	185	185	25	23	48	68	4	72
Total Volume	13	763	776	84	62	146	479	43	522
% App. Total	1.7	98.3		57.5	42.5		91.8	8.2	
PHF	.464	.940	.924	.568	.674	.619	.637	.566	.630

City of Los Angeles
 N/S: West Avenue 32 (West Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01A_LAC_Ave 32 W_Fle PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

Groups Printed- Total Volume

Start Time	Fletcher Drive Westbound			West Avenue 32 Northbound			Fletcher Drive Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
02:00 PM	3	118	121	3	1	4	88	2	90	215
02:15 PM	1	131	132	2	2	4	78	10	88	224
02:30 PM	4	129	133	5	2	7	91	10	101	241
02:45 PM	2	106	108	14	22	36	96	12	108	252
Total	10	484	494	24	27	51	353	34	387	932
03:00 PM	2	124	126	9	2	11	91	4	95	232
03:15 PM	4	96	100	3	6	9	95	5	100	209
03:30 PM	1	106	107	2	2	4	100	2	102	213
03:45 PM	0	121	121	1	0	1	112	2	114	236
Total	7	447	454	15	10	25	398	13	411	890
Grand Total	17	931	948	39	37	76	751	47	798	1822
Apprch %	1.8	98.2		51.3	48.7		94.1	5.9		
Total %	0.9	51.1	52	2.1	2	4.2	41.2	2.6	43.8	

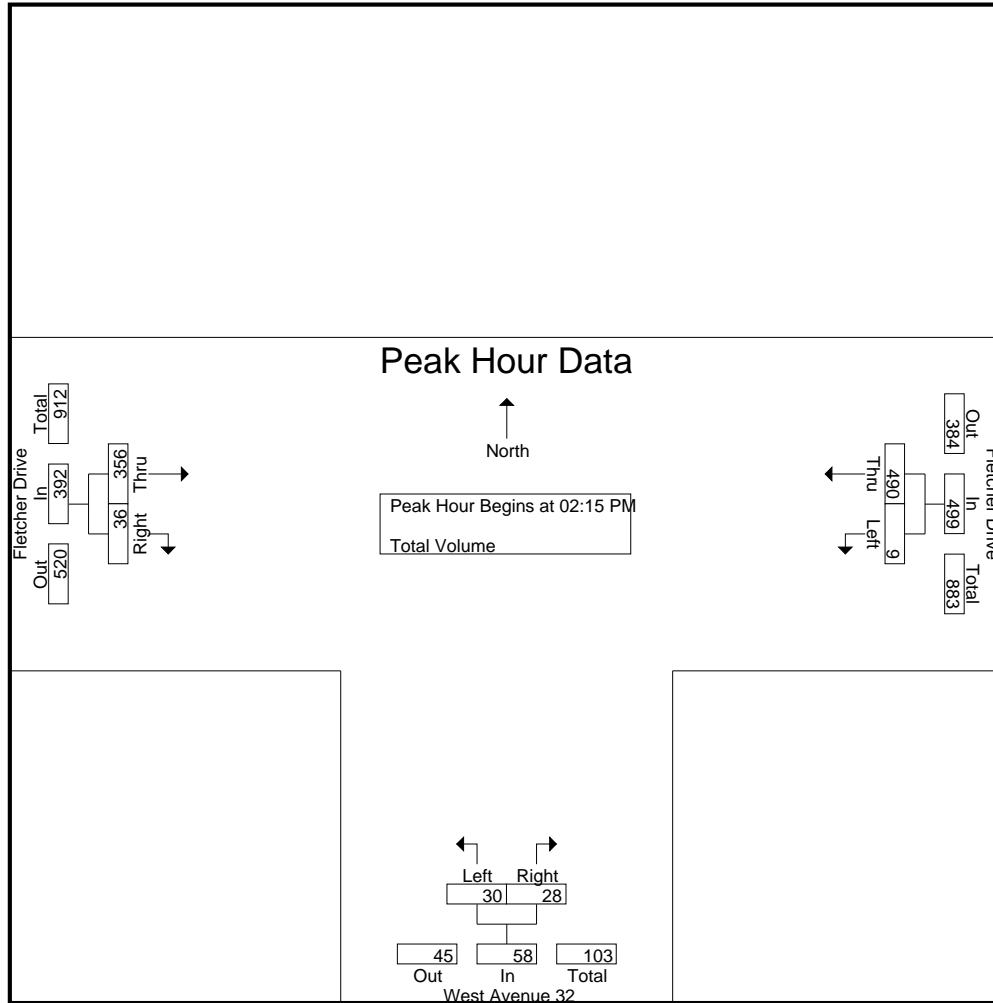
Start Time	Fletcher Drive Westbound			West Avenue 32 Northbound			Fletcher Drive Eastbound			Int. Total
	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	
02:15 PM	1	131	132	2	2	4	78	10	88	224
02:30 PM	4	129	133	5	2	7	91	10	101	241
02:45 PM	2	106	108	14	22	36	96	12	108	252
03:00 PM	2	124	126	9	2	11	91	4	95	232
Total Volume	9	490	499	30	28	58	356	36	392	949
% App. Total	1.8	98.2		51.7	48.3		90.8	9.2		
PHF	.563	.935	.938	.536	.318	.403	.927	.750	.907	.941

Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:15 PM

City of Los Angeles
 N/S: West Avenue 32 (West Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01A_LAC_Ave 32 W_Fle PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 2



Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	02:15 PM			02:30 PM			03:00 PM		
+0 mins.	1	131	132	5	2	7	91	4	95
+15 mins.	4	129	133	14	22	36	95	5	100
+30 mins.	2	106	108	9	2	11	100	2	102
+45 mins.	2	124	126	3	6	9	112	2	114
Total Volume	9	490	499	31	32	63	398	13	411
% App. Total	1.8	98.2		49.2	50.8		96.8	3.2	
PHF	.563	.935	.938	.554	.364	.438	.888	.650	.901

Location: Los Angeles
 N/S: W Avenue 32 (West Leg)
 E/W: Fletcher Drive



Date: 10/19/2023
 Day: Thursday

PEDESTRIANS

	North Leg Dead End	East Leg Fletcher Drive	South Leg W Avenue 32 (West Leg)	West Leg Fletcher Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	0	2	1	3
7:15 AM	0	0	12	5	17
7:30 AM	0	0	13	4	17
7:45 AM	0	0	14	5	19
8:00 AM	0	0	14	4	18
8:15 AM	0	0	10	2	12
8:30 AM	0	0	1	3	4
8:45 AM	0	0	5	3	8
TOTAL VOLUMES:	0	0	71	27	98

	North Leg Dead End	East Leg Fletcher Drive	South Leg W Avenue 32 (West Leg)	West Leg Fletcher Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	0	0	5	0	5
2:15 PM	0	0	6	1	7
2:30 PM	0	0	8	2	10
2:45 PM	0	0	8	9	17
3:00 PM	0	0	4	4	8
3:15 PM	0	0	24	0	24
3:30 PM	0	1	3	5	9
3:45 PM	0	0	7	3	10
TOTAL VOLUMES:	0	1	65	24	90

Location: Los Angeles
 N/S: W Avenue 32 (West Leg)
 E/W: Fletcher Drive



Date: 10/19/2023
 Day: Thursday

BICYCLES

	Southbound Dead End			Westbound Fletcher Drive			Northbound W Avenue 32 (West Leg)			Eastbound Fletcher Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	4	0	0	0	0	0	1	0	5
7:15 AM	0	0	0	0	3	0	0	0	0	0	1	1	5
7:30 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
7:45 AM	0	0	0	0	1	0	1	0	0	0	3	0	5
8:00 AM	0	0	0	0	4	0	0	0	0	0	0	0	4
8:15 AM	0	0	0	0	2	0	0	0	0	0	2	0	4
8:30 AM	0	0	0	0	3	0	0	0	0	0	1	0	4
8:45 AM	0	0	0	0	2	0	1	0	0	0	0	1	4
TOTAL VOLUMES:	0	0	0	0	20	0	2	0	0	0	9	2	33

	Southbound Dead End			Westbound Fletcher Drive			Northbound W Avenue 32 (West Leg)			Eastbound Fletcher Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	3	0	0	0	0	0	2	0	5
2:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
2:30 PM	0	0	0	0	1	0	0	0	0	0	1	1	3
2:45 PM	0	0	0	0	2	0	0	0	0	0	4	1	7
3:00 PM	0	0	0	0	2	0	0	0	0	0	3	0	5
3:15 PM	0	0	0	0	2	0	0	0	0	0	4	1	7
3:30 PM	0	0	0	0	2	0	1	0	0	0	1	0	4
3:45 PM	0	0	0	0	1	0	1	0	0	0	0	0	2
TOTAL VOLUMES:	0	0	0	0	15	0	2	0	0	0	15	3	35

City of Los Angeles
 N/S: West Avenue 32 (East Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01B_LAC_Ave 32 E_Fle AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

Groups Printed- Total Volume

Start Time	West Avenue 32 Southbound			Fletcher Drive Westbound			Fletcher Drive Eastbound			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
07:00 AM	2	27	29	126	6	132	6	47	53	214
07:15 AM	1	24	25	117	3	120	8	55	63	208
07:30 AM	3	29	32	171	11	182	5	127	132	346
07:45 AM	10	44	54	166	29	195	24	182	206	455
Total	16	124	140	580	49	629	43	411	454	1223
08:00 AM	2	21	23	149	17	166	17	96	113	302
08:15 AM	2	22	24	167	8	175	8	58	66	265
08:30 AM	3	15	18	148	11	159	7	73	80	257
08:45 AM	2	24	26	154	8	162	12	62	74	262
Total	9	82	91	618	44	662	44	289	333	1086
Grand Total	25	206	231	1198	93	1291	87	700	787	2309
Apprch %	10.8	89.2		92.8	7.2		11.1	88.9		
Total %	1.1	8.9	10	51.9	4	55.9	3.8	30.3	34.1	

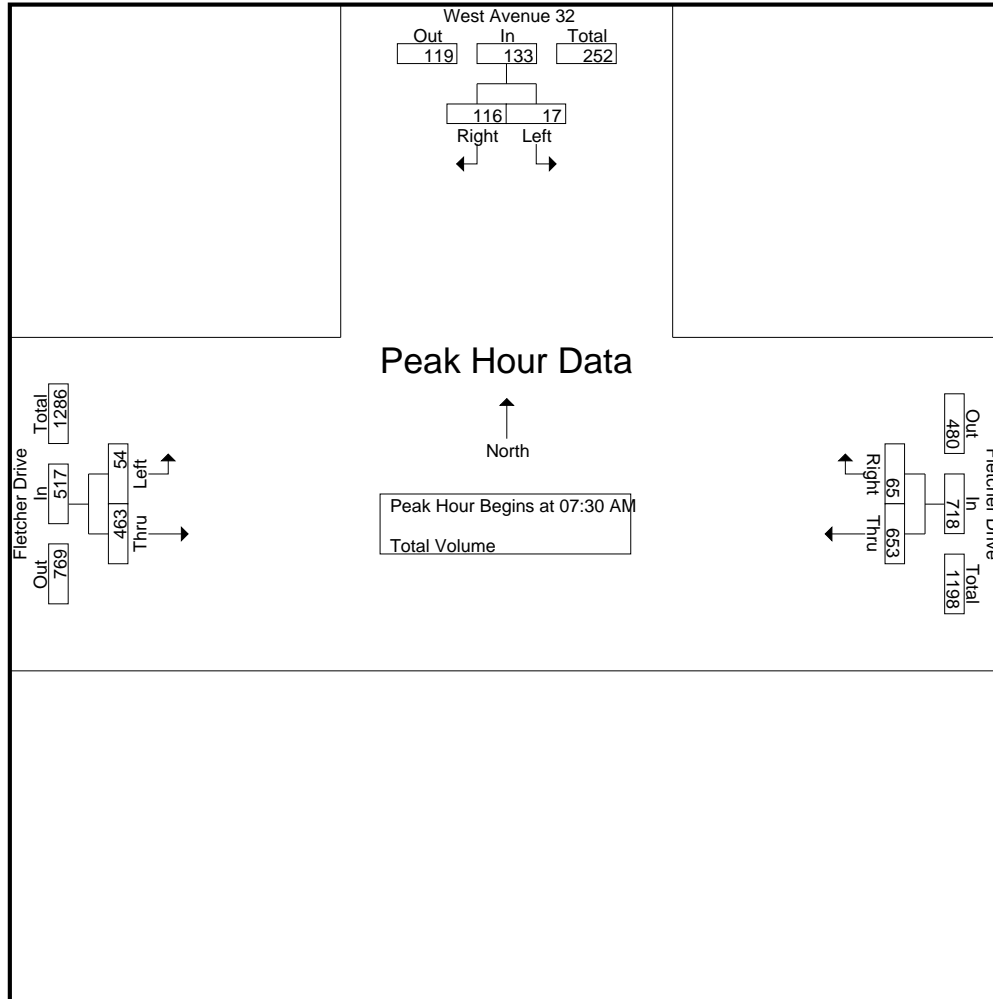
Start Time	West Avenue 32 Southbound			Fletcher Drive Westbound			Fletcher Drive Eastbound			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
07:30 AM	3	29	32	171	11	182	5	127	132	346
07:45 AM	10	44	54	166	29	195	24	182	206	455
08:00 AM	2	21	23	149	17	166	17	96	113	302
08:15 AM	2	22	24	167	8	175	8	58	66	265
Total Volume	17	116	133	653	65	718	54	463	517	1368
% App. Total	12.8	87.2		90.9	9.1		10.4	89.6		
PHF	.425	.659	.616	.955	.560	.921	.563	.636	.627	.752

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM

City of Los Angeles
 N/S: West Avenue 32 (East Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01B_LAC_Ave 32 E_Fle AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:00 AM			07:30 AM			07:30 AM		
+0 mins.	2	27	29	171	11	182	5	127	132
+15 mins.	1	24	25	166	29	195	24	182	206
+30 mins.	3	29	32	149	17	166	17	96	113
+45 mins.	10	44	54	167	8	175	8	58	66
Total Volume	16	124	140	653	65	718	54	463	517
% App. Total	11.4	88.6		90.9	9.1		10.4	89.6	
PHF	.400	.705	.648	.955	.560	.921	.563	.636	.627

City of Los Angeles
 N/S: West Avenue 32 (East Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01B_LAC_Ave 32 E_Fle PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

Groups Printed- Total Volume

Start Time	West Avenue 32 Southbound			Fletcher Drive Westbound			Fletcher Drive Eastbound			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
02:00 PM	9	31	40	90	6	96	14	76	90	226
02:15 PM	6	24	30	107	4	111	17	60	77	218
02:30 PM	5	28	33	105	6	111	4	89	93	237
02:45 PM	4	14	18	98	11	109	20	102	122	249
Total	24	97	121	400	27	427	55	327	382	930
03:00 PM	10	19	29	101	7	108	11	79	90	227
03:15 PM	3	12	15	87	4	91	4	96	100	206
03:30 PM	7	18	25	88	3	91	14	86	100	216
03:45 PM	8	18	26	104	9	113	8	113	121	260
Total	28	67	95	380	23	403	37	374	411	909
Grand Total	52	164	216	780	50	830	92	701	793	1839
Apprch %	24.1	75.9		94	6		11.6	88.4		
Total %	2.8	8.9	11.7	42.4	2.7	45.1	5	38.1	43.1	

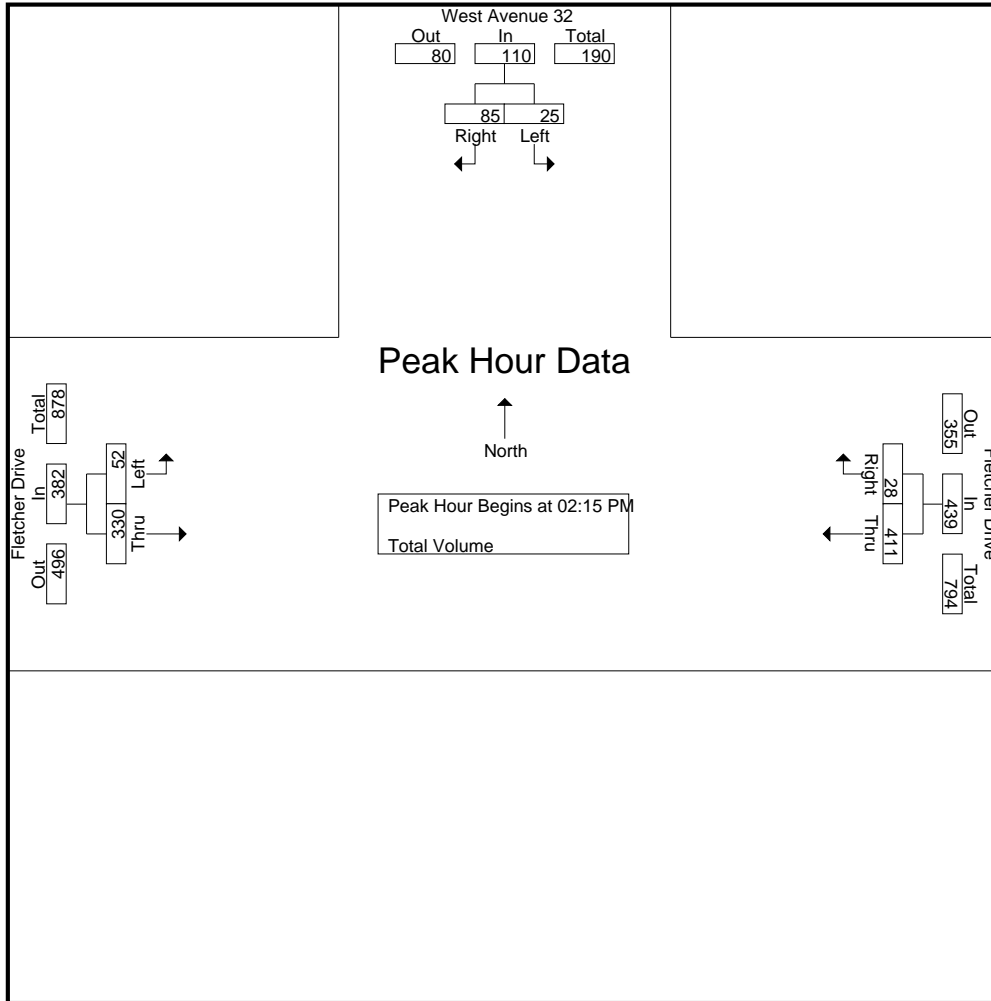
Start Time	West Avenue 32 Southbound			Fletcher Drive Westbound			Fletcher Drive Eastbound			Int. Total
	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	
02:15 PM	6	24	30	107	4	111	17	60	77	218
02:30 PM	5	28	33	105	6	111	4	89	93	237
02:45 PM	4	14	18	98	11	109	20	102	122	249
03:00 PM	10	19	29	101	7	108	11	79	90	227
Total Volume	25	85	110	411	28	439	52	330	382	931
% App. Total	22.7	77.3		93.6	6.4		13.6	86.4		
PHF	.625	.759	.833	.960	.636	.989	.650	.809	.783	.935

Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:15 PM

City of Los Angeles
 N/S: West Avenue 32 (East Leg)
 E/W: Fletcher Drive
 Weather: Clear

File Name : 01B_LAC_Ave 32 E_Fle PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 2



Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	02:00 PM			02:15 PM			02:45 PM		
+0 mins.	9	31	40	107	4	111	20	102	122
+15 mins.	6	24	30	105	6	111	11	79	90
+30 mins.	5	28	33	98	11	109	4	96	100
+45 mins.	4	14	18	101	7	108	14	86	100
Total Volume	24	97	121	411	28	439	49	363	412
% App. Total	19.8	80.2		93.6	6.4		11.9	88.1	
PHF	.667	.782	.756	.960	.636	.989	.613	.890	.844

Location: Los Angeles
 N/S: W Avenue 32 (East Leg)
 E/W: Fletcher Drive



Date: 10/19/2023
 Day: Thursday

PEDESTRIANS

	North Leg W Avenue 32 (East Leg)	East Leg Fletcher Drive	South Leg Dead End	West Leg Fletcher Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	1	0	0	0	1
7:15 AM	3	0	0	0	3
7:30 AM	4	0	0	0	4
7:45 AM	2	0	0	0	2
8:00 AM	16	0	0	0	16
8:15 AM	9	0	0	2	11
8:30 AM	7	1	0	0	8
8:45 AM	6	0	0	0	6
TOTAL VOLUMES:	48	1	0	2	51

	North Leg W Avenue 32 (East Leg)	East Leg Fletcher Drive	South Leg Dead End	West Leg Fletcher Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	7	0	0	0	7
2:15 PM	6	1	0	0	7
2:30 PM	6	1	0	0	7
2:45 PM	1	0	0	0	1
3:00 PM	5	0	0	0	5
3:15 PM	15	1	0	0	16
3:30 PM	9	0	0	0	9
3:45 PM	8	0	0	0	8
TOTAL VOLUMES:	57	3	0	0	60

Location: Los Angeles
 N/S: W Avenue 32 (East Leg)
 E/W: Fletcher Drive



Date: 10/19/2023
 Day: Thursday

BICYCLES

	Southbound W Avenue 32 (East Leg)			Westbound Fletcher Drive			Northbound Dead End			Eastbound Fletcher Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	4	0	0	0	0	0	1	0	5
7:15 AM	0	0	0	0	3	0	0	0	0	1	0	0	4
7:30 AM	0	0	0	0	1	0	0	0	0	1	0	0	2
7:45 AM	0	0	0	0	2	0	0	0	0	0	1	0	3
8:00 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
8:15 AM	0	0	0	0	2	0	0	0	0	0	1	0	3
8:30 AM	0	0	0	0	2	1	0	0	0	0	1	0	4
8:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	0	0	18	1	0	0	0	2	4	0	25

	Southbound W Avenue 32 (East Leg)			Westbound Fletcher Drive			Northbound Dead End			Eastbound Fletcher Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	2	0	0	0	0	0	2	0	4
2:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
2:30 PM	0	0	1	0	0	0	0	0	0	0	1	0	2
2:45 PM	0	0	1	0	0	0	0	0	0	1	3	0	5
3:00 PM	0	0	0	0	1	0	0	0	0	0	2	0	3
3:15 PM	0	0	0	0	1	0	0	0	0	1	4	0	6
3:30 PM	0	0	0	0	3	0	0	0	0	1	1	0	5
3:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
TOTAL VOLUMES:	0	0	2	0	10	0	0	0	0	3	13	0	28

City of Los Angeles
 N/S: Estara Avenue
 E/W: Fletcher Drive
 Weather: Clear

File Name : 02_LAC_Est_Fle AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

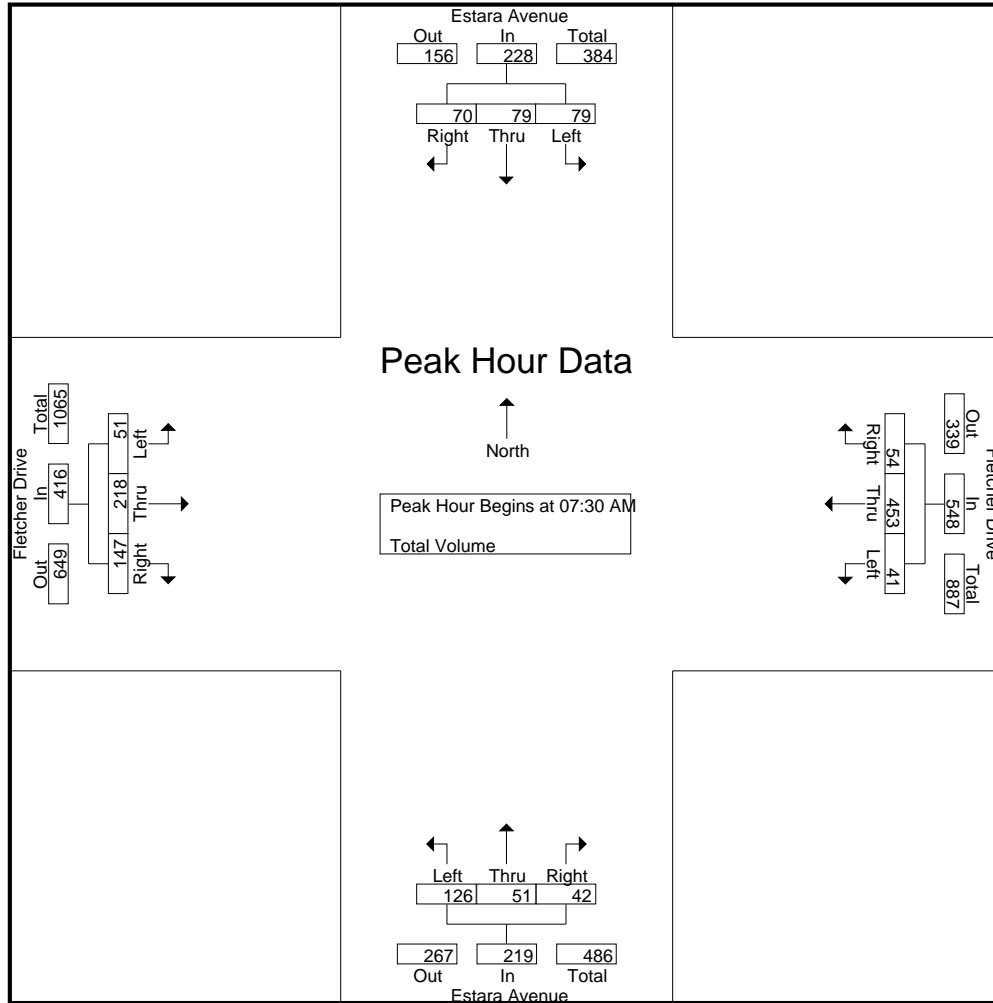
Groups Printed- Total Volume

Start Time	Estara Avenue Southbound				Fletcher Drive Westbound				Estara Avenue Northbound				Fletcher Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	14	12	13	39	1	94	3	98	25	6	0	31	3	26	16	45	213
07:15 AM	11	10	13	34	5	75	3	83	22	9	1	32	0	26	23	49	198
07:30 AM	16	16	15	47	8	117	3	128	35	7	5	47	9	50	40	99	321
07:45 AM	28	27	15	70	18	112	15	145	28	12	14	54	21	68	70	159	428
Total	69	65	56	190	32	398	24	454	110	34	20	164	33	170	149	352	1160
08:00 AM	19	18	20	57	14	105	15	134	28	16	14	58	15	60	27	102	351
08:15 AM	16	18	20	54	1	119	21	141	35	16	9	60	6	40	10	56	311
08:30 AM	8	13	11	32	1	122	15	138	33	12	3	48	13	51	10	74	292
08:45 AM	9	10	16	35	2	119	6	127	21	12	1	34	5	50	8	63	259
Total	52	59	67	178	18	465	57	540	117	56	27	200	39	201	55	295	1213
Grand Total	121	124	123	368	50	863	81	994	227	90	47	364	72	371	204	647	2373
Apprch %	32.9	33.7	33.4		5	86.8	8.1		62.4	24.7	12.9		11.1	57.3	31.5		
Total %	5.1	5.2	5.2	15.5	2.1	36.4	3.4	41.9	9.6	3.8	2	15.3	3	15.6	8.6	27.3	

Start Time	Estara Avenue Southbound				Fletcher Drive Westbound				Estara Avenue Northbound				Fletcher Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:30 AM	16	16	15	47	8	117	3	128	35	7	5	47	9	50	40	99	321
07:45 AM	28	27	15	70	18	112	15	145	28	12	14	54	21	68	70	159	428
08:00 AM	19	18	20	57	14	105	15	134	28	16	14	58	15	60	27	102	351
08:15 AM	16	18	20	54	1	119	21	141	35	16	9	60	6	40	10	56	311
Total Volume	79	79	70	228	41	453	54	548	126	51	42	219	51	218	147	416	1411
% App. Total	34.6	34.6	30.7		7.5	82.7	9.9		57.5	23.3	19.2		12.3	52.4	35.3		
PHF	.705	.731	.875	.814	.569	.952	.643	.945	.900	.797	.750	.913	.607	.801	.525	.654	.824

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:45 AM				07:45 AM				07:30 AM			
+0 mins.	16	16	15	47	18	112	15	145	28	12	14	54	9	50	40	99
+15 mins.	28	27	15	70	14	105	15	134	28	16	14	58	21	68	70	159
+30 mins.	19	18	20	57	1	119	21	141	35	16	9	60	15	60	27	102
+45 mins.	16	18	20	54	1	122	15	138	33	12	3	48	6	40	10	56
Total Volume	79	79	70	228	34	458	66	558	124	56	40	220	51	218	147	416
% App. Total	34.6	34.6	30.7		6.1	82.1	11.8		56.4	25.5	18.2		12.3	52.4	35.3	
PHF	.705	.731	.875	.814	.472	.939	.786	.962	.886	.875	.714	.917	.607	.801	.525	.654

City of Los Angeles
 N/S: Estara Avenue
 E/W: Fletcher Drive
 Weather: Clear

File Name : 02_LAC_Est_Fle PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

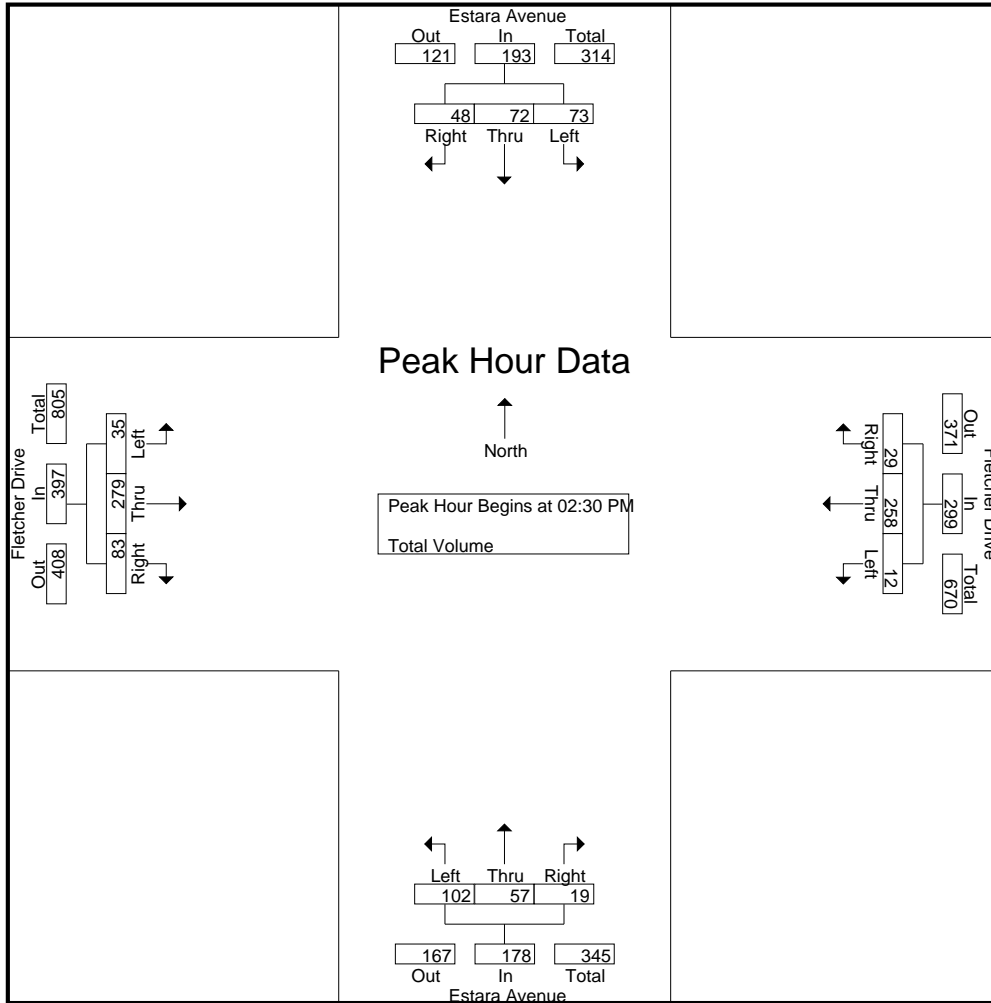
Groups Printed- Total Volume

Start Time	Estara Avenue Southbound				Fletcher Drive Westbound				Estara Avenue Northbound				Fletcher Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
02:00 PM	17	18	9	44	4	61	9	74	19	11	2	32	7	58	19	84	234
02:15 PM	12	22	17	51	2	73	4	79	19	14	9	42	11	44	16	71	243
02:30 PM	21	18	12	51	2	70	9	81	24	10	6	40	5	68	22	95	267
02:45 PM	17	11	15	43	4	71	8	83	28	24	5	57	10	75	24	109	292
Total	67	69	53	189	12	275	30	317	90	59	22	171	33	245	81	359	1036
03:00 PM	21	21	11	53	4	58	7	69	30	10	4	44	9	63	17	89	255
03:15 PM	14	22	10	46	2	59	5	66	20	13	4	37	11	73	20	104	253
03:30 PM	18	17	6	41	2	59	6	67	25	12	2	39	10	55	24	89	236
03:45 PM	17	16	13	46	3	81	11	95	25	16	4	45	12	83	21	116	302
Total	70	76	40	186	11	257	29	297	100	51	14	165	42	274	82	398	1046
Grand Total	137	145	93	375	23	532	59	614	190	110	36	336	75	519	163	757	2082
Apprch %	36.5	38.7	24.8		3.7	86.6	9.6		56.5	32.7	10.7		9.9	68.6	21.5		
Total %	6.6	7	4.5	18	1.1	25.6	2.8	29.5	9.1	5.3	1.7	16.1	3.6	24.9	7.8	36.4	

Start Time	Estara Avenue Southbound				Fletcher Drive Westbound				Estara Avenue Northbound				Fletcher Drive Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
02:30 PM	21	18	12	51	2	70	9	81	24	10	6	40	5	68	22	95	267
02:45 PM	17	11	15	43	4	71	8	83	28	24	5	57	10	75	24	109	292
03:00 PM	21	21	11	53	4	58	7	69	30	10	4	44	9	63	17	89	255
03:15 PM	14	22	10	46	2	59	5	66	20	13	4	37	11	73	20	104	253
Total Volume	73	72	48	193	12	258	29	299	102	57	19	178	35	279	83	397	1067
% App. Total	37.8	37.3	24.9		4	86.3	9.7		57.3	32	10.7		8.8	70.3	20.9		
PHF	.869	.818	.800	.910	.750	.908	.806	.901	.850	.594	.792	.781	.795	.930	.865	.911	.914

Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:30 PM



Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	02:15 PM				02:00 PM				02:15 PM				03:00 PM			
+0 mins.	12	22	17	51	4	61	9	74	19	14	9	42	9	63	17	89
+15 mins.	21	18	12	51	2	73	4	79	24	10	6	40	11	73	20	104
+30 mins.	17	11	15	43	2	70	9	81	28	24	5	57	10	55	24	89
+45 mins.	21	21	11	53	4	71	8	83	30	10	4	44	12	83	21	116
Total Volume	71	72	55	198	12	275	30	317	101	58	24	183	42	274	82	398
% App. Total	35.9	36.4	27.8		3.8	86.8	9.5		55.2	31.7	13.1		10.6	68.8	20.6	
PHF	.845	.818	.809	.934	.750	.942	.833	.955	.842	.604	.667	.803	.875	.825	.854	.858

Location: Los Angeles
 N/S: Estara Avenue
 E/W: Fletcher Drive



Date: 10/19/2023
 Day: Thursday

PEDESTRIANS

	North Leg Estara Avenue	East Leg Fletcher Drive	South Leg Estara Avenue	West Leg Fletcher Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	6	6	4	4	20
7:15 AM	8	12	13	10	43
7:30 AM	14	55	17	25	111
7:45 AM	25	115	78	67	285
8:00 AM	8	22	23	25	78
8:15 AM	4	7	21	11	43
8:30 AM	4	5	5	5	19
8:45 AM	8	6	5	3	22
TOTAL VOLUMES:	77	228	166	150	621

	North Leg Estara Avenue	East Leg Fletcher Drive	South Leg Estara Avenue	West Leg Fletcher Drive	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	9	18	3	14	44
2:15 PM	31	97	30	31	189
2:30 PM	15	16	3	13	47
2:45 PM	19	24	15	24	82
3:00 PM	4	0	4	11	19
3:15 PM	4	5	7	36	52
3:30 PM	14	5	4	16	39
3:45 PM	5	5	1	11	22
TOTAL VOLUMES:	101	170	67	156	494

Location: Los Angeles
 N/S: Estara Avenue
 E/W: Fletcher Drive



Date: 10/19/2023
 Day: Thursday

BICYCLES

	Southbound Estara Avenue			Westbound Fletcher Drive			Northbound Estara Avenue			Eastbound Fletcher Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	4	0	0	0	0	0	0	0	4
7:15 AM	0	0	0	0	3	0	0	0	0	0	0	0	3
7:30 AM	0	1	0	0	1	0	1	0	0	0	1	0	4
7:45 AM	0	1	0	0	1	0	0	2	0	0	1	1	6
8:00 AM	0	0	0	0	3	0	2	0	0	0	0	0	5
8:15 AM	0	0	0	0	1	0	0	0	0	0	2	1	4
8:30 AM	0	1	1	0	0	0	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	1	0	0	0	0	0	1	0	2
TOTAL VOLUMES:	0	3	1	0	14	0	3	2	0	0	5	2	30

	Southbound Estara Avenue			Westbound Fletcher Drive			Northbound Estara Avenue			Eastbound Fletcher Drive			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	0	0	0	1	0	1	0	0	0	2	0	4
2:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	2
2:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	1
2:45 PM	0	0	1	0	0	0	0	0	0	0	2	0	3
3:00 PM	0	0	0	0	1	0	0	0	0	1	1	1	4
3:15 PM	0	0	0	0	1	0	0	0	0	1	4	1	7
3:30 PM	0	0	0	0	1	0	1	1	0	0	1	0	4
3:45 PM	0	1	0	0	1	1	0	0	0	0	0	0	3
TOTAL VOLUMES:	0	1	1	0	7	1	2	1	0	2	11	2	28

City of Los Angeles
 N/S: Estara Avenue
 E/W: Marguerite Street
 Weather: Clear

File Name : 03_LAC_Est_Marg AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

Groups Printed- Total Volume

Start Time	Estara Avenue Southbound				Marguerite Street Westbound				Estara Avenue Northbound				Marguerite Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:00 AM	4	20	1	25	0	0	1	1	2	10	4	16	0	1	8	9	51
07:15 AM	9	22	3	34	5	0	4	9	2	18	2	22	3	6	4	13	78
07:30 AM	27	38	8	73	7	7	21	35	8	23	16	47	9	17	18	44	199
07:45 AM	45	33	8	86	11	12	28	51	23	21	30	74	18	21	18	57	268
Total	85	113	20	218	23	19	54	96	35	72	52	159	30	45	48	123	596
08:00 AM	21	28	6	55	12	10	23	45	10	33	17	60	6	19	10	35	195
08:15 AM	2	46	2	50	2	4	4	10	4	22	1	27	4	3	6	13	100
08:30 AM	1	36	2	39	0	0	2	2	1	21	0	22	2	2	8	12	75
08:45 AM	0	30	2	32	1	0	2	3	3	15	1	19	1	0	3	4	58
Total	24	140	12	176	15	14	31	60	18	91	19	128	13	24	27	64	428
Grand Total	109	253	32	394	38	33	85	156	53	163	71	287	43	69	75	187	1024
Apprch %	27.7	64.2	8.1		24.4	21.2	54.5		18.5	56.8	24.7		23	36.9	40.1		
Total %	10.6	24.7	3.1	38.5	3.7	3.2	8.3	15.2	5.2	15.9	6.9	28	4.2	6.7	7.3	18.3	

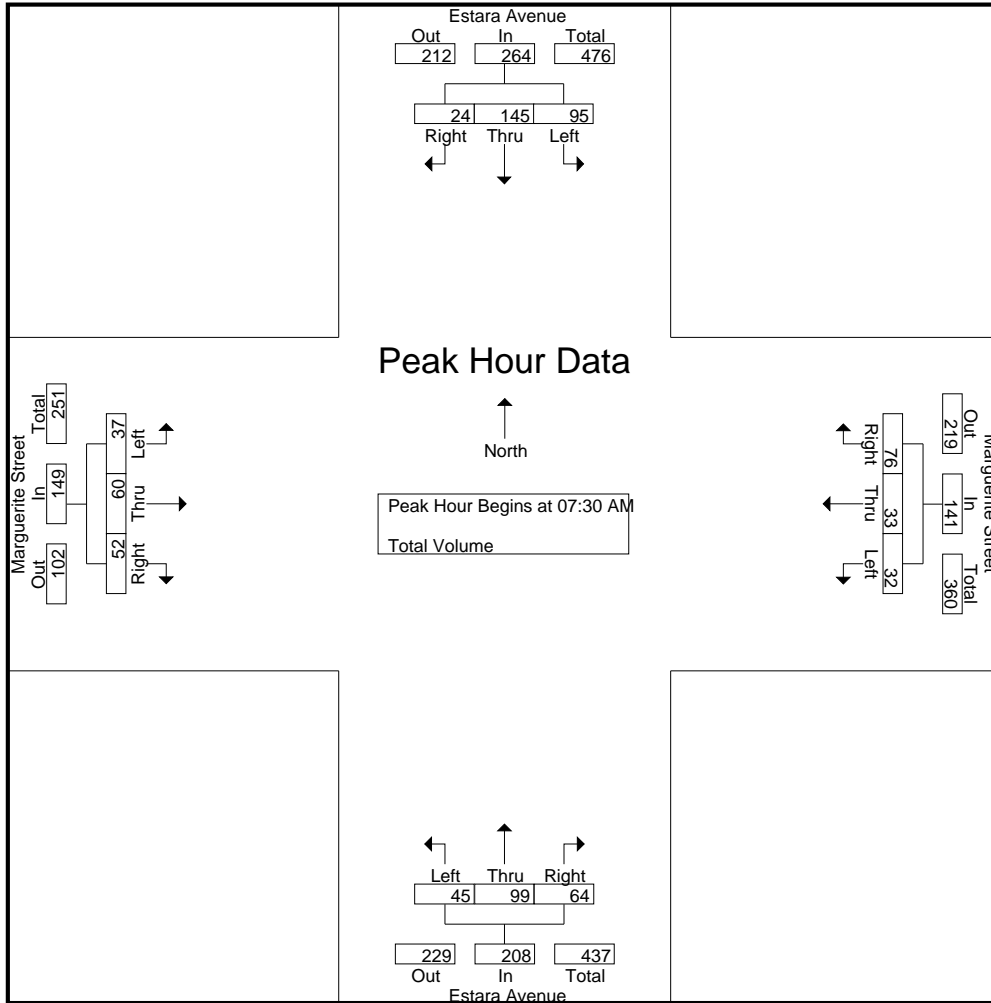
Start Time	Estara Avenue Southbound				Marguerite Street Westbound				Estara Avenue Northbound				Marguerite Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:30 AM	27	38	8	73	7	7	21	35	8	23	16	47	9	17	18	44	199
07:45 AM	45	33	8	86	11	12	28	51	23	21	30	74	18	21	18	57	268
08:00 AM	21	28	6	55	12	10	23	45	10	33	17	60	6	19	10	35	195
08:15 AM	2	46	2	50	2	4	4	10	4	22	1	27	4	3	6	13	100
Total Volume	95	145	24	264	32	33	76	141	45	99	64	208	37	60	52	149	762
% App. Total	36	54.9	9.1		22.7	23.4	53.9		21.6	47.6	30.8		24.8	40.3	34.9		
PHF	.528	.788	.750	.767	.667	.688	.679	.691	.489	.750	.533	.703	.514	.714	.722	.654	.711

Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 07:30 AM

City of Los Angeles
 N/S: Estara Avenue
 E/W: Marguerite Street
 Weather: Clear

File Name : 03_LAC_Est_Marg AM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	07:30 AM				07:30 AM				07:30 AM				07:15 AM			
+0 mins.	27	38	8	73	7	7	21	35	8	23	16	47	3	6	4	13
+15 mins.	45	33	8	86	11	12	28	51	23	21	30	74	9	17	18	44
+30 mins.	21	28	6	55	12	10	23	45	10	33	17	60	18	21	18	57
+45 mins.	2	46	2	50	2	4	4	10	4	22	1	27	6	19	10	35
Total Volume	95	145	24	264	32	33	76	141	45	99	64	208	36	63	50	149
% App. Total	36	54.9	9.1		22.7	23.4	53.9		21.6	47.6	30.8		24.2	42.3	33.6	
PHF	.528	.788	.750	.767	.667	.688	.679	.691	.489	.750	.533	.703	.500	.750	.694	.654

City of Los Angeles
 N/S: Estara Avenue
 E/W: Marguerite Street
 Weather: Clear

File Name : 03_LAC_Est_Marg PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 1

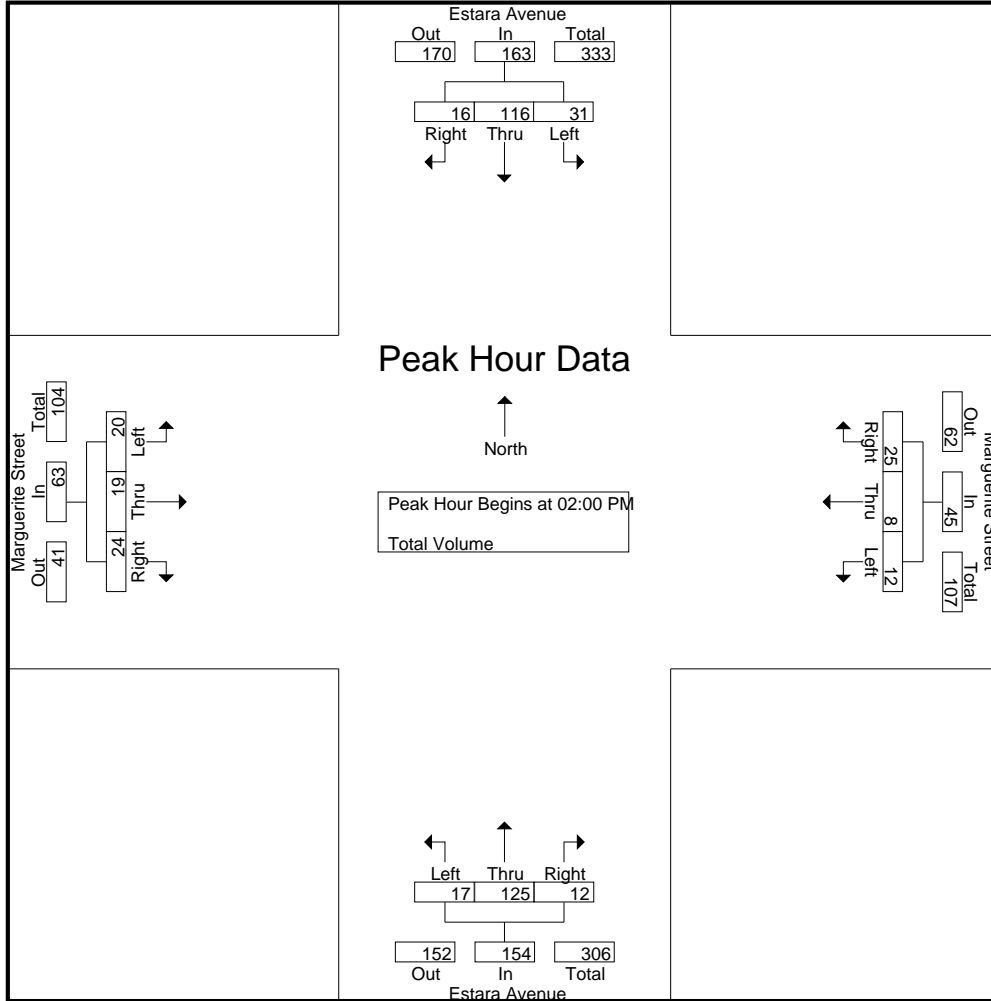
Groups Printed- Total Volume

Start Time	Estara Avenue Southbound				Marguerite Street Westbound				Estara Avenue Northbound				Marguerite Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
02:00 PM	3	27	4	34	2	0	0	2	5	39	0	44	2	3	6	11	91
02:15 PM	4	23	2	29	2	2	6	10	8	30	1	39	0	2	4	6	84
02:30 PM	14	27	5	46	2	0	3	5	2	30	3	35	4	3	4	11	97
02:45 PM	10	39	5	54	6	6	16	28	2	26	8	36	14	11	10	35	153
Total	31	116	16	163	12	8	25	45	17	125	12	154	20	19	24	63	425
03:00 PM	2	25	6	33	2	2	1	5	1	30	2	33	6	3	4	13	84
03:15 PM	4	23	3	30	0	1	5	6	5	33	1	39	6	1	4	11	86
03:30 PM	0	30	3	33	2	0	1	3	1	41	2	44	2	1	6	9	89
03:45 PM	1	41	1	43	0	0	1	1	4	21	0	25	4	0	5	9	78
Total	7	119	13	139	4	3	8	15	11	125	5	141	18	5	19	42	337
Grand Total	38	235	29	302	16	11	33	60	28	250	17	295	38	24	43	105	762
Apprch %	12.6	77.8	9.6		26.7	18.3	55		9.5	84.7	5.8		36.2	22.9	41		
Total %	5	30.8	3.8	39.6	2.1	1.4	4.3	7.9	3.7	32.8	2.2	38.7	5	3.1	5.6	13.8	

Start Time	Estara Avenue Southbound				Marguerite Street Westbound				Estara Avenue Northbound				Marguerite Street Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 02:00 PM																	
02:00 PM	3	27	4	34	2	0	0	2	5	39	0	44	2	3	6	11	91
02:15 PM	4	23	2	29	2	2	6	10	8	30	1	39	0	2	4	6	84
02:30 PM	14	27	5	46	2	0	3	5	2	30	3	35	4	3	4	11	97
02:45 PM	10	39	5	54	6	6	16	28	2	26	8	36	14	11	10	35	153
Total Volume	31	116	16	163	12	8	25	45	17	125	12	154	20	19	24	63	425
% App. Total	19	71.2	9.8		26.7	17.8	55.6		11	81.2	7.8		31.7	30.2	38.1		
PHF	.554	.744	.800	.755	.500	.333	.391	.402	.531	.801	.375	.875	.357	.432	.600	.450	.694

City of Los Angeles
 N/S: Estara Avenue
 E/W: Marguerite Street
 Weather: Clear

File Name : 03_LAC_Est_Marg PM
 Site Code : 05723982
 Start Date : 10/19/2023
 Page No : 2



Peak Hour Analysis From 02:00 PM to 03:45 PM - Peak 1 of 1
 Peak Hour for Each Approach Begins at:

	02:00 PM				02:15 PM				02:00 PM				02:30 PM			
+0 mins.	3	27	4	34	2	2	6	10	5	39	0	44	4	3	4	11
+15 mins.	4	23	2	29	2	0	3	5	8	30	1	39	14	11	10	35
+30 mins.	14	27	5	46	6	6	16	28	2	30	3	35	6	3	4	13
+45 mins.	10	39	5	54	2	2	1	5	2	26	8	36	6	1	4	11
Total Volume	31	116	16	163	12	10	26	48	17	125	12	154	30	18	22	70
% App. Total	19	71.2	9.8		25	20.8	54.2		11	81.2	7.8		42.9	25.7	31.4	
PHF	.554	.744	.800	.755	.500	.417	.406	.429	.531	.801	.375	.875	.536	.409	.550	.500

Location: Los Angeles
 N/S: Estara Avenue
 E/W: Marguerite Street



Date: 10/19/2023
 Day: Thursday

PEDESTRIANS

	North Leg Estara Avenue	East Leg Marguerite Street	South Leg Estara Avenue	West Leg Marguerite Street	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
7:00 AM	0	2	3	1	6
7:15 AM	1	2	3	3	9
7:30 AM	2	4	10	11	27
7:45 AM	10	18	29	12	69
8:00 AM	6	18	18	9	51
8:15 AM	2	4	19	3	28
8:30 AM	1	5	3	3	12
8:45 AM	0	4	2	2	8
TOTAL VOLUMES:	22	57	87	44	210

	North Leg Estara Avenue	East Leg Marguerite Street	South Leg Estara Avenue	West Leg Marguerite Street	
	Pedestrians	Pedestrians	Pedestrians	Pedestrians	
2:00 PM	0	1	0	6	7
2:15 PM	0	5	9	20	34
2:30 PM	1	7	8	3	19
2:45 PM	7	5	67	11	90
3:00 PM	3	9	6	0	18
3:15 PM	4	5	0	3	12
3:30 PM	0	3	1	0	4
3:45 PM	0	8	6	4	18
TOTAL VOLUMES:	15	43	97	47	202

Location: Los Angeles
 N/S: Estara Avenue
 E/W: Marguerite Street



Date: 10/19/2023
 Day: Thursday

BICYCLES

	Southbound Estara Avenue			Westbound Marguerite Street			Northbound Estara Avenue			Eastbound Marguerite Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	1	0	0	0	2	3
8:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	1	0	0	0	0	0	0	1	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	1	0	0	1	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	1
TOTAL VOLUMES:	0	3	0	0	0	0	0	2	1	0	1	3	10

	Southbound Estara Avenue			Westbound Marguerite Street			Northbound Estara Avenue			Eastbound Marguerite Street			
	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
2:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	1	0	0	0	2	0	0	0	0	0	0	3
2:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1
3:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
3:15 PM	0	0	0	0	0	0	0	1	0	0	0	0	1
3:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	2
3:45 PM	0	1	0	1	0	0	0	1	0	0	1	0	4
TOTAL VOLUMES:	0	5	0	1	1	2	0	3	0	0	1	0	13

LOS ANGELES UNIFIED SCHOOL DISTRICT

IRVING STEAM MAGNET MIDDLE SCHOOL



CEQA SUPPORT DOCUMENTS

ALTERNATIVE ANALYSIS - ADMINISTRATION BUILDING

NAC
ARCHITECTURE



3010 Estara Ave. | Los Angeles, CA 90065 | LAUSD
Project No. 10372111 | May 16, 2024

A.	ARCHITECTURAL
A.1	Introduction
A.2	Option 1
A.3	Option 2
A.5	Classroom Sizes - Admin Bldg - 1st Floor
A.6	Classroom Sizes - Admin Bldg - 2nd Floor
A.7	Development Plan
S.	STRUCTURAL
S.i	CEQA Support Documents
S.ii	Table of Contents
S.1	Introduction
S.1	Structure Description
S.3	Option 1
S.6	Option 2

A. ARCHITECTURAL



Introduction

This report examines the feasibility of retaining the existing Administration Building that lies on an active fault zone at LAUSD Irving STEAM Magnet Middle School. Included are two options. Option 1 retains the entirety of the Administration Building. Option 2 explores demolishing the portion of the building on the fault zone and retaining the portion of the existing Administration building that is not on the fault. This report discusses the architectural, programmatic, historic, structural and cost considerations and challenges for these two options.

The California Administrative Code (CAC) outlines the regulations of any structure falling within fifty feet of a seismic fault zone. Per a meeting with Doug Humphrey - LA Regional Manager for the Division of the State Architect, on 08/19/22, a voluntary seismic retrofit of the Administrative Building is allowable. However, it must comply with CAC Section 4-309(c)1, which indicates that the cost of the voluntary seismic retrofit is included in the 50% replacement cost of the value of the existing building. This means that the total cost of the construction (seismic retrofit, paint, finish upgrades, technology upgrades, ADA upgrades that do not impact more than 10% of the structural system, moving interior partitions, etc.) would need to be under 50% of the value of the building (40% at DSA submission) for the structural retrofit to be viable.

When a building is not located in a seismic fault zone, the code allows the costs associated with the structural seismic work to be excluded from the building replacement value. These costs include items such as: demolition required for the structural retrofit, replacement of the roofing system where it is required to construct the seismic rehabilitation, associated air-conditioning equipment and insulation costs, demolition and replacement of seismically vulnerable interior partitions and ceilings/soffits, demolition and replacement of electrical lighting systems, low voltage systems, and equipment connections that are associated with the seismic retrofit.

Based on general assumptions without having formal design documents, we would anticipate the cost of a new classroom building to be approximately \$846 per square foot, whereas a seismic retrofit of the existing building alone, not including other improvements, would cost approximately \$492 per square foot. The seismic retrofit cost alone would exceed the 50% replacement value. When other project costs that are not related to the seismic retrofit (ADA improvements, updated fire alarm system, plumbing system replacement, finish replacements, etc.) are combined with the costs associated with the seismic retrofit, it will add approximately 15-35% more to the cost of construction. This will increase the cost of the alteration, further exceed the 50% replacement value and will preclude the possibility of preserving the existing building.

Option 1

Option 1 studies retaining the entirety of the existing Administration building. Structurally, this would likely mean extensive foundation work under the portion of the building that falls within the “No Construction Zone” of the fault. Architecturally, the main obstacle is the substandard existing classroom sizes.

The existing layout of the Administration Building fails to align with the current educational standards of the district. The building contains 25 classrooms. Of this, four meet the square footage requirements of the district (960 square feet for general classrooms, and 1300 square feet for science and specialty classrooms). 15 are significantly undersized and range from 801 to 1040 square feet. Six are severely undersized and range from 730 to 799 square feet. Only a small fraction of the existing classrooms meets the square footage requirements. There is a significant disparity between available teaching space and educational needs.

The existing interior partitions would need to be demolished and rebuilt to address this issue. For this, the district would need to opt to do the voluntary seismic retrofit. However, even if this is possible, the portion of the building over the “No Construction Zone” at the fault would require extensive foundation work.

Multiple existing building systems are nearing the end of their lifespan or do not meet the district’s current standards. If this building is to remain, there are many recommended upgrades to these existing building systems, such as: replacement of plumbing fixtures (flow rates are not compliant with current code), replacement of HVAC equipment, recertification of fire sprinkler system, replacement of data cabling, replacement of clock/bell system, replacement of PA system, and upgrade to telephone system.

As a STEAM magnet school, Irving attracts students from diverse backgrounds, drawn by its project-based learning in science, math, and technology. However, the inadequacy of the existing classrooms poses a significant obstacle to delivering an equitable education experience. Not a single classroom in the existing Administration Building meets the minimum square footage standard of 1300 square feet, essential for accommodating specialized learning environments such as science labs and specialty classrooms.

Option 2

Option 2 proposes demolishing the segment of the Administration Building situated within the “No Construction Zone” of the fault while preserving the portion outside of it. See Figure 5 on sheet S.5 for reference. Please note that DSA will not permit the remaining portion of the building to be voluntarily upgraded, as it reduces the lateral force system by more than 10% (see meeting minutes dated 03/28/24). Regardless, we have examined this scenario and it presents aesthetic, pragmatic, and structural challenges that undermine its feasibility.

Designed in 1936, the Administration Building stands as one of the original campus structures, exemplifying the PWA Moderne architectural style. Its distinct features include horizontal lines, a rhythmic facade, symmetry, and a central entry point. However, accommodating the school’s program within the remaining space proves problematic. The area available for development of a new building on the campus is approximately 38,000 square feet (see “Development Area #1 on A.6). The preserved section of the Administration Building occupies 26,000 square feet of this, leaving only 12,000 square feet for new construction.

The remaining programmatic needs that do not fit in the portion of the Administration Building to remain encompass eight classrooms, a library, and administrative spaces. These spaces total 36,000 square feet and far exceed the remaining available space to build. Consequently, any new addition must be at least three stories high, significantly overshadowing the preserved portion of the Administration Building. This would disrupt its historic character, transforming it from a focal point of the campus to a mere appendage of the taller, modern addition.

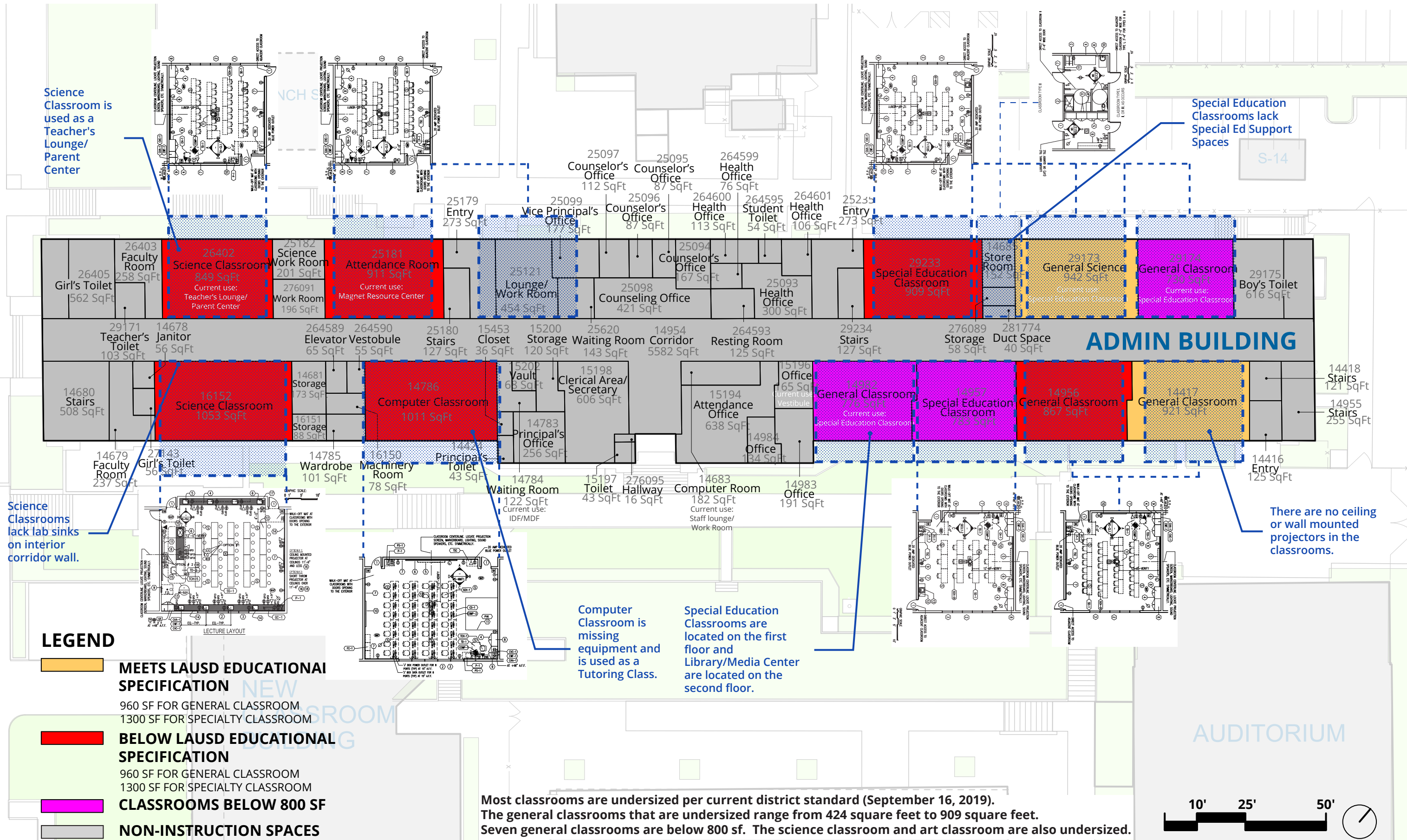
The basement area of the existing area of the building to be demolished is a hub for multiple building systems that serve the campus. The main water service to the campus is here, along with distributions to the other buildings on campus, and the main sanitary lines. The main electrical distribution boards feeding the building are located here. The main telephone board, television distribution, alarm controller, clock controller and fire alarm controller are also here. There would be extensive scope and costs involved to replace and relocate these systems.

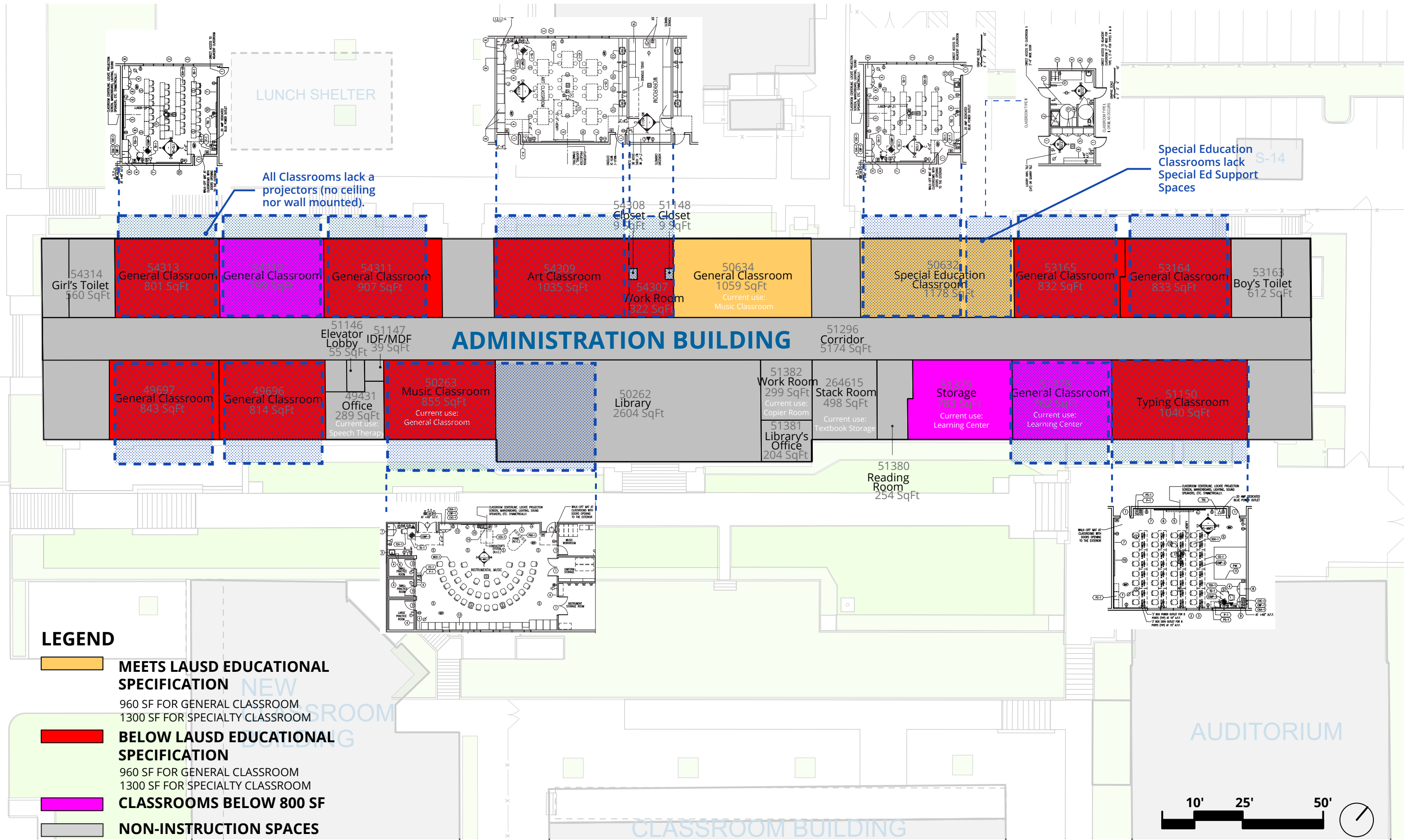
Both the existing elevator as well as the girl’s restrooms are in area to be demolished. These would need to be relocated. The existing HVAC equipment and routing in the existing portion to remain would require significant relocation and rerouting.

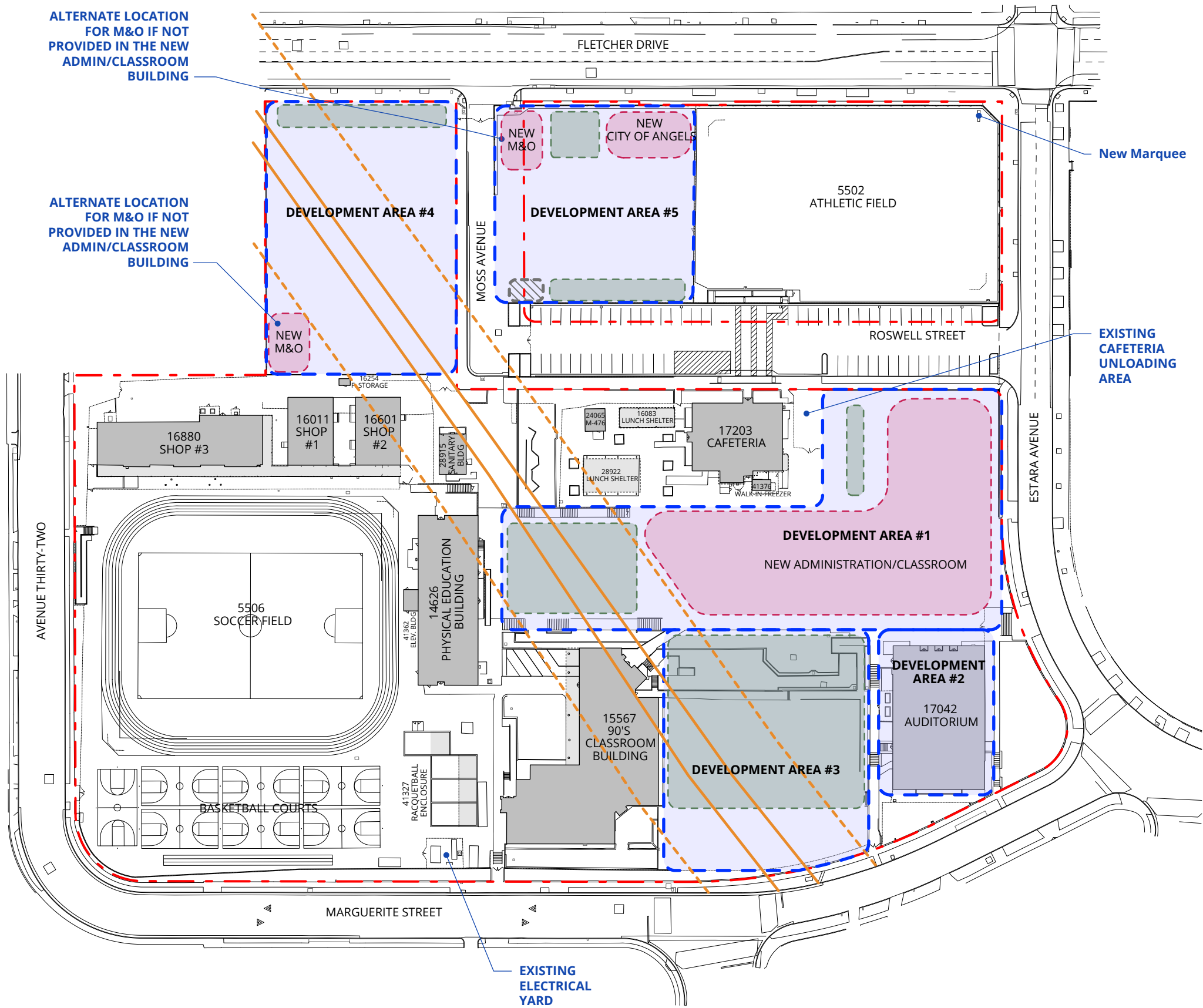
The portion of the building to remain would require extensive structural improvement. Page S.6 figure 5 illustrates that more shear walls will need to be provided in the portion of the building that is to remain. There is also new foundation work associated with these shear walls. Of note, a quarter of the

existing windows on this portion of the building will need to be infilled. This further undermines the historic integrity of the building while also creating suboptimal daylight conditions for the classrooms. It will also add significant cost to the project.









LEGEND

- Property Line**
- Existing Building**
- Potential Area of Development**
- Potential Area of New Building**
- Proposed Landscape/Hardscape**
- Location of Fault**
Only Non-Structure Development Allowed in this Area*
- 50' Fault Setback**
Only Non-Structure Development Allowed in this Area*
- Proposed Trash Enclosure Area**

NEW CONSTRUCTION

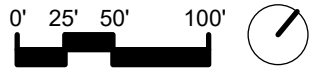
- DEVELOPMENT AREA #1:**
 - New Administration / Classroom Building
 - Outdoor Program Improvements
- DEVELOPMENT AREA #2:**
 - Seismic Retrofit to Auditorium Building
- DEVELOPMENT AREA #3:**
 - Outdoor Program Improvements
 - New Parking
- DEVELOPMENT AREA #4:**
 - New Maintenance & Operations Building (Possible Location)
 - New P.E. Stations
- DEVELOPMENT AREA #5:**
 - New City of Angels Permanent Modular Construction and Parking
 - New P.E. Stations
 - New Maintenance & Operations Building (Possible Location)

OVERALL SITE IMPROVEMENTS:

- Utilities upgrades within limits of work
 - Storm water, sewer, gas, fire sprinkler water, and water line upgrades
 - Electrical and low voltage upgrades
 - CCTV and site lighting upgrades
- Landscape, hardscape, and parking repairs/improvements
- Replace, re-surface and restripe asphalt paving as impacted by scope

NOTES

* Refer to DSA Meeting Minutes dated 06/01/23 for more information.



S. STRUCTURAL





JOHN A. MARTIN
& ASSOCIATES, INC
STRUCTURAL ENGINEERS

CEQA SUPPORT DOCUMENTS - STRUCTURAL

Irving STEAM Magnet School
3010 Estara Avenue
Los Angeles, CA 90065

prepared for
NAC Architect
333 S. Beaudry Ave
Los Angeles, CA 90017

prepared by
John A. Martin & Associates, Inc.
950 South Grand Avenue, 4th Floor
Los Angeles, California 90015
(213) 483 - 6490

JAMA Project No. 22019.71
May 16, 2024

LOS ANGELES | OAKLAND | WWW.JOHNMARTIN.COM

Table of Contents

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- 3. Options..... 3
 - A. Option 1: Keep the Entire Administration Building..... 3
 - B. Option 2: Keep only the portion of the Administration Building not on the fault..... 6

1. Introduction

According to the Geo-Technical report by RMA, dated February 15, 2022, and revised March 23, 2023, a significant portion of the Administration Building falls over a seismic fault zone. The Los Angeles Unified School District (LAUSD) has sought additional assistance to facilitate their compliance with the California Environmental Quality Act (CEQA) process, particularly concerning the proposed removal of the Administration Building located within a Historic District. To address CEQA requirements comprehensively, our office has evaluated the following two structural options:

- **Option 1:** Keep the Entire Administration Building.
- **Option 2:** Keep only the portion of the Administration Building not on the fault.

A brief description of the structure is provided, followed by the two options and structural recommendations.

2. Structure Description

The existing Administration Building is a two-story, cast-in-place concrete structure generally rectangular in plan designed in 1936. There are three segments in this 391'-0" x 64'-6" building: a south section about 139'-2" x 64'-6", a center section about 98'-0" x 71'-8", and a north section about 153'-10" x 64'-6". These building sections are separated by 2" wide seismic joints (see Figure 1 below). These joints are located such that there are two transverse concrete walls remaining in the center portion of the building.

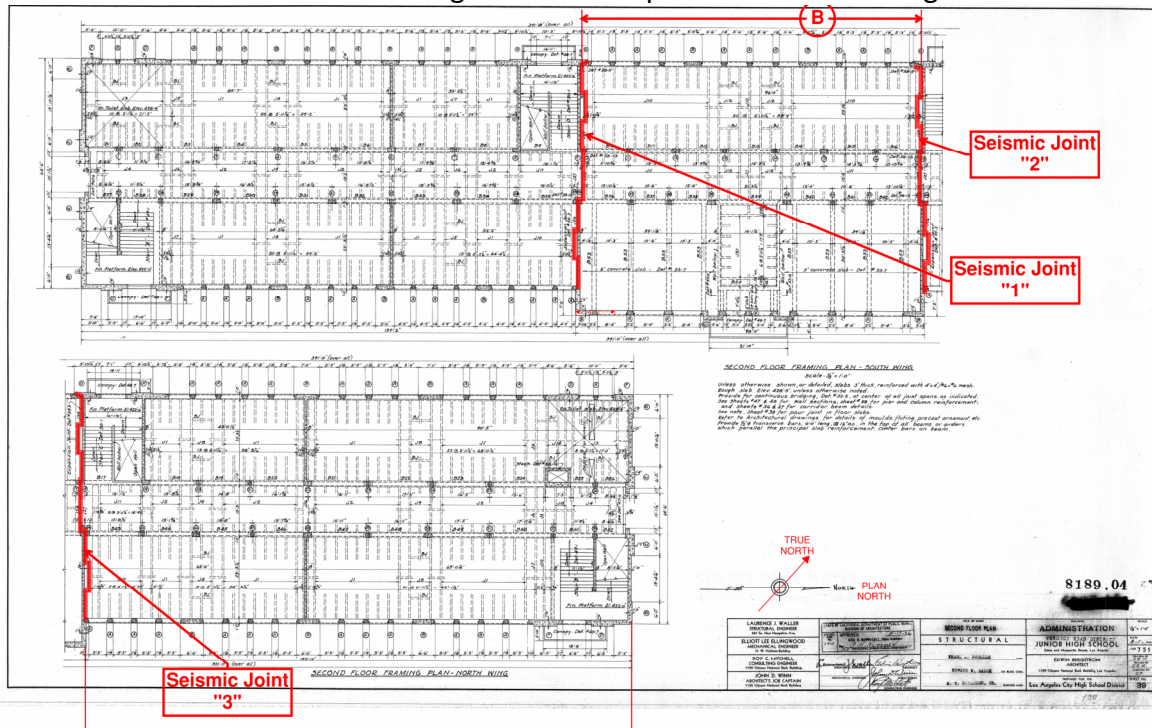


Figure 1: Second Floor Plan & Seismic Joints

There is a crawl space below the first floor varying in height from about 7' to 23' due to the site sloping down from the center to the south and to the north, thus there are actually three framed levels. Story heights from first to second and second to roof are 14'-6" and about 15', respectively. Gravity framing for all the levels consists of 3" cast-in-place reinforced concrete floor slabs and 14" pans forming 5 1/2" wide x 17" deep pan joists spanning between 12" wide x 36" deep reinforced concrete beams. All horizontal framing loads are carried down to foundations through 14" square reinforced concrete columns, 8" thick reinforced interior concrete walls, and 12" thick reinforced exterior concrete walls. Foundations are conventional continuous reinforced concrete strip footings.

Lateral loads due to wind or seismic event are resisted by reinforced concrete shear walls in each principal direction. Transverse walls running east-west are about 25' long and are well distributed across the building segments. Longitudinal walls are short concrete wall piers about 5' to 10' long located along the east and west perimeters of the building. There is an active earthquake fault running across the site that runs partially under this building.

Figure 2: Site Geological Map from the Geological Report by RMA shows the location of the Administration Building relative to the active fault, highlighted in diagonal red hatch.

Figure 3: As-Built Structural Plan illustrates the "Fault Zone" and "No Construction Zone" in relation to the seismic joints, detailing the building's layout and seismic joints. The seismic joints are designated as Seismic Joint "1" and Seismic Joint "2", and the sections of the building separated by these joints are labeled as "A", "B", and "C", all for discussion purposes, as indicated in Figure 3.

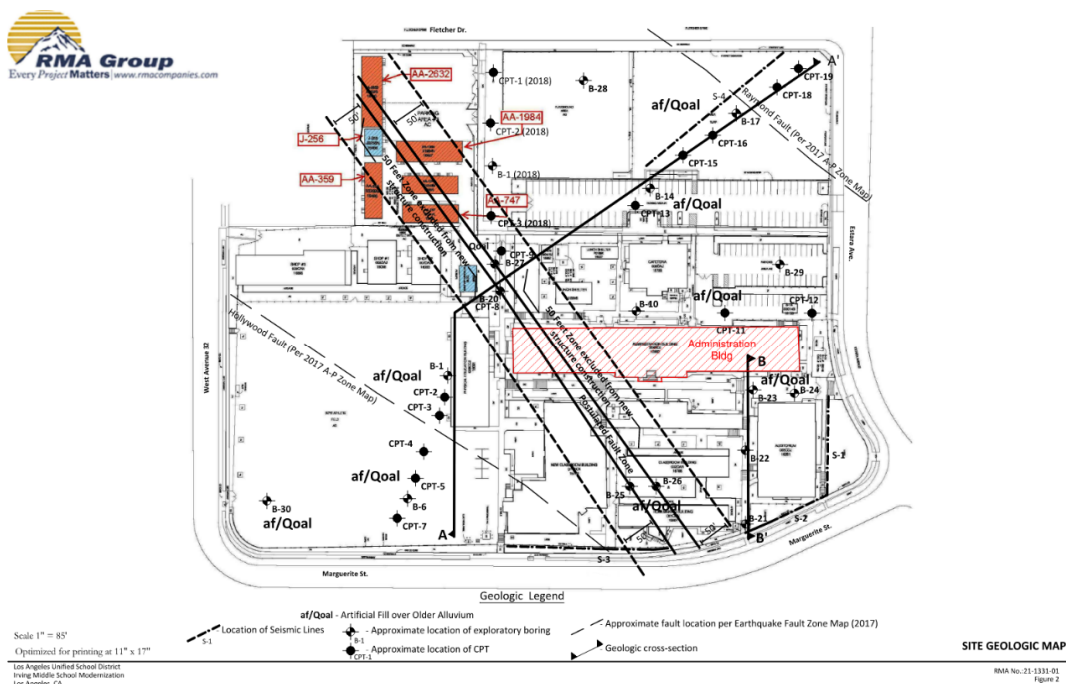


Figure 2. Site Geologic Map from Geological Report

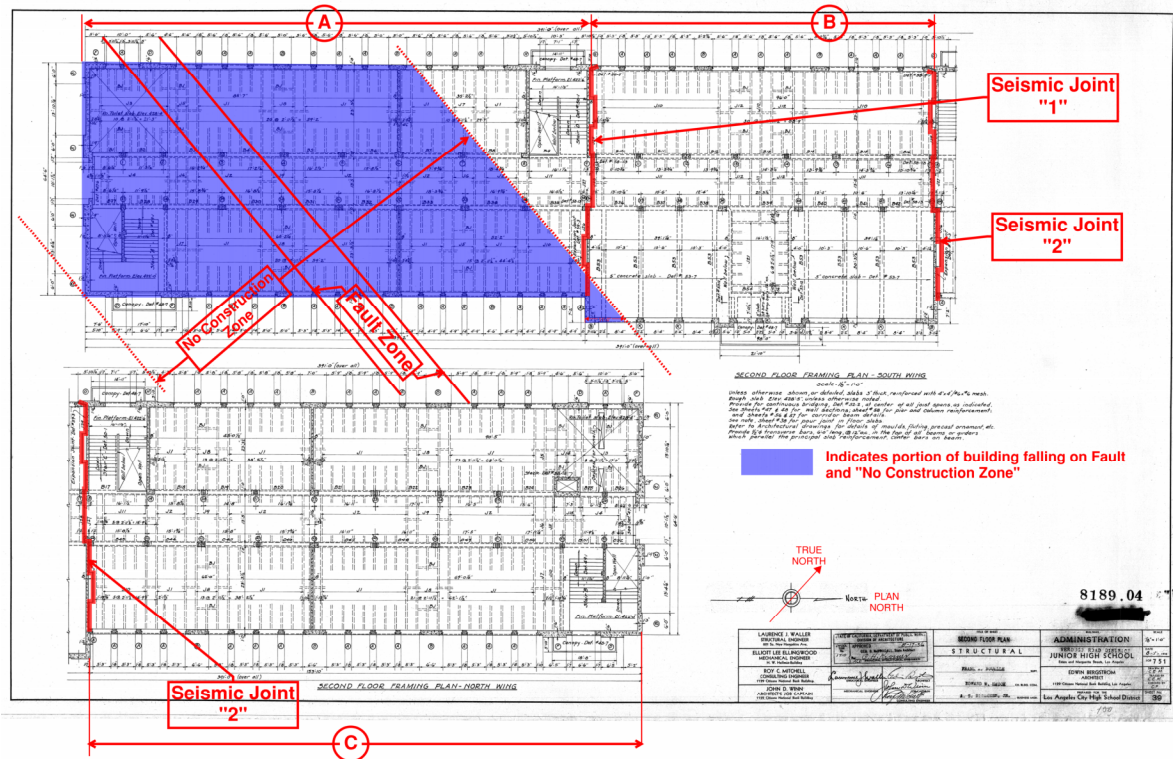


Figure 3. Administration Building plan showing Fault Zone and No Construction Zone

3. Options

Two separate options discuss the feasibility of retrofitting the building or part of the building due to the location of the existing fault line and will also address ASCE 41 Tier 1 deficiencies noted in the 2022 report by John A. Martin & Associates, Inc.

A. Option 1: Keep the Entire Administration Building

The majority of Section “A” and a small part of the middle Section “B” of the Administration Building rest in the 50-foot-wide zone adjacent to an active fault zone where it is likely there will be ground rupture during a major earthquake. Ground rupture is likely to severely damage the structure south of the southernmost Seismic Joint.

The ASCE 41 Tier 1 checklist indicates that a Tier 2 analysis is required if the building does not comply with the surface fault rupture standards (refer to Figure 3). Maintaining the entire structure, including the segment above the fault, necessitates an upgrade to current code standards, which, according to ASCE 41, should be addressed through a comprehensive Tier 3 analysis (refer to Figure 4).

<p>C NC U NA Critical Item</p>	<p>SURFACE FAULT RUPTURE: Surface fault rupture and surface displacement at the building site is not anticipated.</p> <p><i>If the Tier 1 indication is NC or U, complete a Tier 2 check per ASCE 31 section 4.7.1.3 to confirm or revise. Describe the Tier 2 check here and in Appendices A.1 and/or A.2 as necessary.</i></p> <p><i>The Tier 2 check shall include a structural analysis demonstrating high potential for local or global collapse in the evaluation earthquake as a result of the surface rupture. The structural analysis shall consider the displacements imposed on the structure and shall be based on a CGS approved geologic hazard report in accordance with the Appendix in DSA Procedure 08-03.</i></p> <p><i>Geotechnical report states: "probability for surface rupture is moderate" Building on the fault.</i></p>
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Figure 3. ASCE 41 Tier 1 checklist for surface fault rupture

5.4.3.1 Geologic Site Hazards. No Tier 2 evaluation procedure is available for buildings subjected to liquefaction, slope failure, or surface fault rupture. The structure shall be evaluated for the effects of these hazards using the Tier 3 procedures in Chapters 6 and 8.

Figure 4. ASCE41, §5.4.3.1

While ASCE 41 guides further analyses in the presence of specific geologic hazards like fault rupture, it does not provide specific design directions that align with those in the California Building Code. Consequently, the design process will require extensive engineering judgment and robust negotiations with the Division of the State Architect (DSA) to accept such decisions - a process known for its complexities and stringent requirements.

During the virtual call with the DSA on 8/19/22, the DSA provided following clarification related to the issue of "Alterations," e.g., voluntary seismic retrofit, new fire alarm, HVAC replacement, ADA improvements, etc., in existing buildings that are located in a fault hazard zone.

- *A voluntary seismic retrofit of an existing building is allowed, but it must comply with the California Administrative Code (CAC), Section 4-309(c)1. This section indicates that if a structure is located in a fault hazard zone, the costs of the voluntary lateral force-resisting modifications (Alterations) are to be included (contributing) towards the 50% replacement cost of the value of the existing building.*

Below are relevant code sections along with comments provided by the DSA.

1. **CAC 4-317(c)** – This section indicates that no school building shall be constructed, rehabilitated, reconstructed or relocated within 50 feet of the trace of an active fault.

DSA comment: DSA agrees that this section does not include “Alterations” to existing school buildings. In addition, the definitions of the types of work indicated above are as follows:

- *Constructed – New construction of a building*
- *Rehabilitated – Per the definition in CAC 4-314, rehabilitation is a seismic retrofit (i.e., mandatory) that complies with current code.*
- *Reconstructed – Repair of fire damage only.*
- *Relocated – Building to be relocated to site or within site, e.g., relocatable classroom.*

- 2. CAC 4-309(d)** – Per this section, alterations to existing structural components or additions of new structural components that do not exceed the limitations of Section 4-309(c)2 for required rehabilitation and are initiated for the purpose of increasing the strength or stiffness of the lateral force-resisting system of an existing structure are permitted to be evaluated and designed in accordance with California Existing Building Code Section 317.11 and CBC Section 1609A for voluntary lateral force-resisting system modifications.

DSA comment: A voluntary seismic retrofit is an “Alteration.” Other types of alterations are the installation of a new fire alarm system, HVAC replacement, ADA improvements, paint, etc.

- 3. CAC 4-309(c)1** – If a structure is located in a fault hazard zone, the costs of the voluntary lateral force-resisting modifications (Alterations) are to be included (contributing) towards the 50% replacement cost of the value of the existing building.

Arguably, according to the code, the entire building could potentially be left unaltered without structural retrofit if the cost of reconstruction, alteration, or addition, excluding the cost of voluntary seismic retrofit, does not exceed 50 percent of its replacement value. As noted previously, a voluntary seismic upgrade is permitted if it does not exceed the 50% threshold.

A voluntary seismic upgrade would require sufficient work and expense to trigger the mandatory seismic upgrade. If the mandatory upgrade is not triggered, designing a building to resist seismic surface rupture is not codified and would pose more challenges with DSA. One option could be installing a new mat foundation under the portions of the building within the “No Construction Zone” to allow the building to span over any anticipated surface rupture, hopefully creating a collapse prevention state in the building, which would likely not be salvageable after such an earthquake.

In our professional opinion, maintaining the building as it currently stands poses significant life-safety risks. We do not recommend upgrading it considering the "No Construction Zone," extreme financial costs, known difficulties in getting this option approved by DSA, and the uncertainty of achieving a collapse prevention state.

B. Option 2: Keep only the portion of the Administration Building not on the fault

It is structurally feasible to preserve the portion of the Administration Building that is not situated over the "No Construction Zone". This would necessitate the demolition of the majority of the structure in Section A and small portions of the structure in Section B. Additionally, this approach would require addressing all other compliance issues identified in the Tier 1 report that are not related to surface rupture. The existing stair in Section A could probably be saved with the addition of a new shear wall, as can the majority of Section B. This should also be evaluated based on overall school usage as well as architecturally to understand existing and ADA issues involved. If a portion of the existing building is to remain, it will need to be verified with DSA to determine if the cost of the replacement building will be based on the remaining square footage. In addition, the seismic weight of the building will need to be adjusted and based upon the remaining square footage.

Figure 5 shows a conceptual plan of structural work required to accomplish this option. The majority of section "A" and a small portion of section "B" shown in blue hatch need to be demolished.

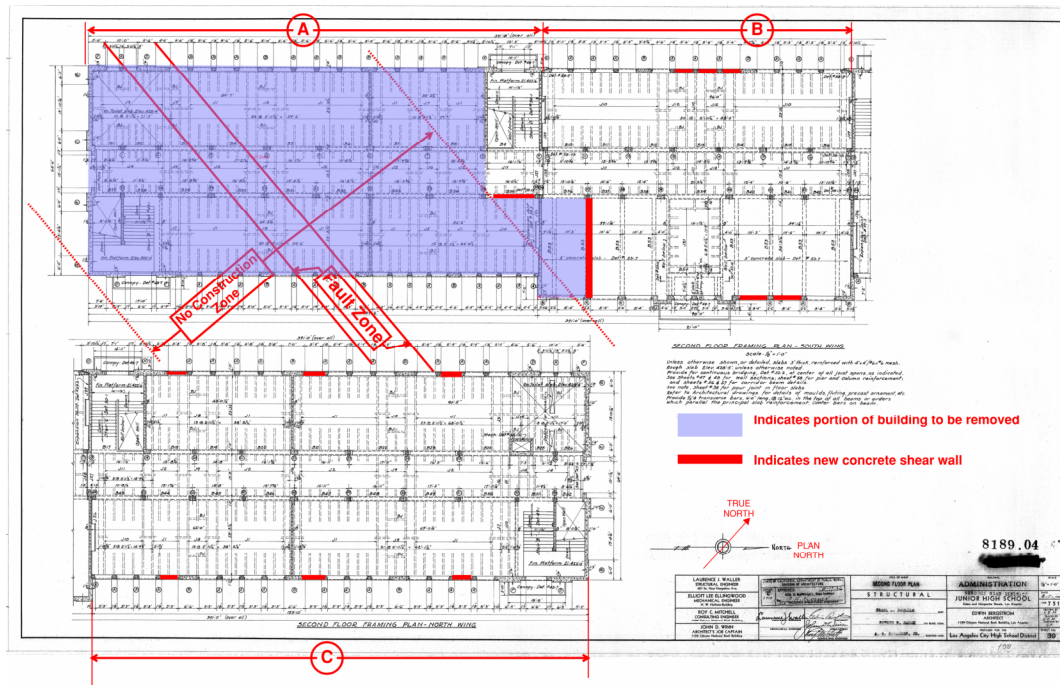


Figure 5. Conceptual plan showing keeping portion of structure not falling on No Construction Zone

For the remaining section “B,” there are only two east-west shear walls of substantial length and none of substantial length in the north-south direction. Since half of the E-W walls are to be demolished, it will be necessary to provide a 10” thick replacement wall E-W and two functional 12” thick walls N-S. If these walls can be roughly located as shown, there is a chance no other upgrade will be required structurally since the stiff buildings may eliminate the need to upgrade to address adjacency issues. These new shear walls would require new foundations and would have to be dowelled into the existing concrete floors and roof. If they cannot be dowelled in successfully, it is possible to provide significant horizontal shear transfer and vertical overturning resistance using fiber reinforced polymer technology (FRP). This same technology could be used to transfer additional axial drag/collector forces from floors to the walls.

Section “C” can be upgraded seismically by adding some N-S concrete shear walls shown in Figure 5. The existing E-W walls are likely adequate but could be strengthened using FRP if sufficient strength is not provided in their current condition. Additional shear walls appear needed in the north-south direction, perhaps filling in the current windows with 12” thick concrete walls as shown in Figure 5. These new shear walls would require new foundations and would have to be dowelled into the existing concrete floors and roof. The same FRP solution described for section “C” may be used.

Administration Building -Seismic Retrofit

LAUSD Irving Steam Magnet School

Rough Order of Magnitude

August 28, 2024



Project Description

The project is seismic retrofit of the Existing Admin Building at Irving Steam Magnet School Campus. It is a 2-story, 50,901 square feet and with floor to floor height of 15'.

Construction Cost	Seismic Retrofit			Replacement Cost			% of Replacement Value
	Area	\$ / SF	Total Cost	Area	\$ / SF	Total Cost	
	A			B			C = A/B
Admin Building - Seismic Retrofit & Related Scope				50,901 SF	\$845.62	\$43,042,904	
1. Located on a seismic fault - Provide New Mat Foundation	50,901 SF	\$195	\$9,927,829				23.06%
2. Perimeter concrete shear walls are overstressed - Strengthen (E) Shearwalls	50,901 SF	\$225	\$11,458,260				26.62%
3. Existing seismic joints are undersized - Stiffen building by adding or strengthening shear walls	50,901 SF	\$63	\$3,204,518				7.44%
4. Diaphragm openings at stairs are oversized	50,901 SF	\$9	\$453,600				1.05%
Total Construction Costs	50,901 SF	\$492	\$25,044,206	50,901 SF	\$846	\$43,042,904	58.18%

Note:

- Replacement cost is based on Cumming Projected Costs for 2024 Market
- Only Scopes affected by Retrofit are Included.
- No Interior Renovations and ADA Upgrades are Included
- No MEP systems and equipment upgrade are Included
- Cost Escalation - Excluded
- Construction Contingency - Excluded
- FF&E - Excluded
- Soft Costs - Excluded

Administration Building -Seismic Retrofit

LAUSD Irving Steam Magnet School

Rough Order of Magnitude

August 28, 2024

Code	Quantity	Unit	Unit Cost	Total Cost
<u>1. Located on a seismic fault - Provide New Mat Foundation</u>				
Retrofit and Related Scope				
Remove slab on grade along areas to be slot cut, 4' x 4'	216	EA	800.00	\$172,800
Cut out existing footing for 30" thick mat and place new reinforcement with dowel	216	EA	1,500.00	\$324,000
Fill slot with concrete	320	CY	980.00	\$313,600
Remove remaining slab on grade	9,249	SF	20.00	\$184,980
Excavate and remove for new mat	1,713	CY	80.00	\$137,040
Reinforced concrete mat foundation including reinforcement, 30"	1,028	CY	1,400.00	\$1,439,200
New reinforced slab on grade including reinforcement	12,705	SF	35.00	\$444,675
Dowels @ 12" o.c.	4,328	EA	45.00	\$194,760
Facade repair along the perimeter portion, 3' high	1,086	SF	55.00	\$59,730
Interior partition and door at ground floor	12,705	SF	50.00	\$635,250
Floor and Ceiling, remove, replace	12,705	SF	45.00	\$571,725
Wall paint	12,705	SF	10.00	\$127,050
Building Specialties	12,705	SF	25.00	\$317,625
Plumbing	12,705	SF	20.00	\$254,100
Mechanical distribution	12,705	SF	40.00	\$508,200
Electrical - power, lighting and low voltage	12,705	SF	60.00	\$762,300
Fire protection	12,705	SF	13.50	\$171,518
Markups				
Design Contingency	20.00	%	\$6,618,552.50	\$1,323,711
GCOP	25.00	%	\$7,942,263.00	\$1,985,566
				<u>\$9,927,829</u>

2. Perimeter concrete shear walls are overstressed - Strengthen (E) Shearwalls

Retrofit and Related Scope

Strengthen existing shear walls with shotcrete or FRP

Shotcrete/ FRP	23,760	SF	160.00	\$3,801,600
Slab on grade, remove / replace with dowels	15,840	SF	50.00	\$792,000
Interior partition	15,840	SF	30.00	\$475,200
Floor and Ceiling, remove, replace	15,840	SF	35.00	\$554,400
Wall paint	23,760	SF	2.50	\$59,400
Building Specialties	15,840	SF	10.00	\$158,400
Mechanical distribution	15,840	SF	40.00	\$633,600
Electrical - power, lighting and low voltage	15,840	SF	60.00	\$950,400
Fire protection	15,840	SF	13.50	\$213,840

Markups

Design Contingency	20.00	%	\$7,638,840.00	\$1,527,768
GCOP	25.00	%	\$9,166,608.00	\$2,291,652

\$11,458,260

Administration Building -Seismic Retrofit

LAUSD Irving Steam Magnet School

Rough Order of Magnitude

August 28, 2024

Code	Quantity	Unit	Unit Cost	Total Cost
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3. Existing seismic joints are undersized - Stiffen building by adding or strengthening shear walls

Retrofit and Related Scope

Stiffen building by adding or strengthening shear walls

Strengthening shearwall	6,570	SF	160.00	\$1,051,200
Slab on grade, remove / replace with dowels	4,380	SF	50.00	\$219,000
Interior partition	4,380	SF	30.00	\$131,400
Floor and Ceiling, remove, replace	4,380	SF	35.00	\$153,300
Wall paint	6,570	SF	2.50	\$16,425
Building Specialties	4,380	SF	10.00	\$43,800
Mechanical distribution	4,380	SF	45.00	\$197,100
Electrical - power, lighting and low voltage	4,380	SF	60.00	\$262,800
Fire protection	4,380	SF	14.00	\$61,320

Markups

Design Contingency	20.00	%	\$2,136,345.00	\$427,269
GCOP	25.00	%	\$2,563,614.00	\$640,904

\$3,204,518

4. Diaphragm openings at stairs are oversized

Retrofit and Related Scope

Reinforce diaphragm locally at stair openings

864	SF	\$350.00	\$302,400
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Markups

Design Contingency	20.00	%	\$302,400.00	\$60,480
GCOP	25.00	%	\$362,880.00	\$90,720

\$453,600

Construction Cost - New Admin & Classroom Building

LAUSD Irving Steam Magnet School

Benchmarking Cost Comparison

August 28, 2024



	Quantity	Unit	March 2023 Price		August 2024 Price	
			Unit Cost	Total Cost	Unit Cost	Total Cost
NEW CONSTRUCTION						
Administration + Classroom Building (2-Story)						
Structural				<u>\$5,476,948</u>		
Conventional spread pad footing and wall footing	50,901	SF	\$22.00	\$1,119,822	\$24.00	\$1,221,624
Horizontal and Vertical Structures	50,901	SF	\$85.60	\$4,357,126	\$104.00	\$5,293,704
Architectural Exterior				<u>\$3,675,884</u>		
Exterior Façade (20% glazing + stucco finish)	29,024	SF	\$84.00	\$2,438,016	\$90.50	\$2,626,672
Premium for Brick veneer finish (25%)	7,256	SF	\$60.00	\$435,360	\$64.70	\$469,463
Roofing membrane, flashing and sheetmetal	28,661	SF	\$28.00	\$802,508	\$30.20	\$865,562
Architectural Interior				<u>\$5,533,957</u>		
Interior partition, glazing and doors	50,901	SF	\$32.00	\$1,628,832	\$45.00	\$2,290,545
Interior floor, wall and ceiling finishes	50,901	SF	\$31.00	\$1,577,931	\$44.00	\$2,239,644
Building specialties, casework, signage, equipment, etc.	50,901	SF	\$41.00	\$2,086,941	\$42.50	\$2,163,293
Stair and Elevator	50,901	SF	\$4.72	\$240,253	\$6.30	\$320,676
Plumbing	50,901	SF	\$40.00	\$2,036,040	\$41.50	\$2,112,392
Classroom includes acid waste/vent system, sampling port, provision for future neutralization tank and fumehood						
Mechanical - complete including EMS	50,901	SF	\$68.00	\$3,461,268	\$71.00	\$3,613,971
Fire Protection	50,901	SF	\$9.00	\$458,109	\$10.00	\$509,010
Electrical				<u>\$4,479,288</u>		
Service & distribution, convenience power, lighting	50,901	SF	\$57.00	\$2,901,357	\$66.00	\$3,359,466
Low Voltage (Communications, Security, Fire Alarm System w/ new FA panel with voice)	50,901	SF	\$31.00	\$1,577,931	\$33.50	\$1,705,184
New campus backbone systems for LV and FA				Included		Included
Subtotal				\$25,121,493		\$28,791,205
GCOP	30.00	%		\$7,536,448		\$8,637,362
Design Contingency	15.00	%		\$4,898,691		\$5,614,285
TOTAL: Administration + Classroom Building (2-Story)	50,901	SF	\$737.84	\$37,556,633	\$845.62	\$43,042,852

Notes:

Cost Escalation - Excluded

PV Panels - Excluded

PV panels from previous estimate dated March 24, 2023 were priced separately.