

**FINAL PRELIMINARY ENVIRONMENTAL
ASSESSMENT EQUIVALENT**

**SAN PEDRO HIGH SCHOOL
COMPREHENSIVE MODERNIZATION PROJECT
1001 W. 15TH STREET
LOS ANGELES, CALIFORNIA 90731**

**EnSafe Project Number:
0888820335**

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:



**EnSafe Inc.
5001 Airport Plaza Drive, Suite 260
Long Beach, California 90815
(562) 740-1060
(800) 588-7962
www.ensafe.com**

August 30, 2017

PRELIMINARY ENVIRONMENTAL ASSESSMENT EQUIVALENT

**SAN PEDRO HIGH SCHOOL
COMPREHENSIVE MODERNIZATION PROJECT
1001 W. 15TH STREET
LOS ANGELES, CALIFORNIA 90731**

**EnSafe Project Number:
0888820335**

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:



**EnSafe Inc.
5001 Airport Plaza Drive, Suite 260
Long Beach, California 90815
(562) 740-1060
(800) 588-7962
www.ensafe.com**

August 30, 2017

Daryl Hernandez
Project Director

Travis Stravasnik
Senior Project Manager

Signature

A handwritten signature in black ink, appearing to read "Travis", followed by a stylized flourish.

Signature

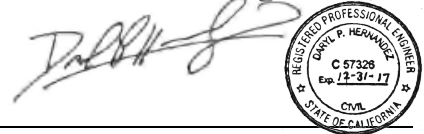


Table of Contents

EXECUTIVE SUMMARY	iv
1.0 INTRODUCTION	1
2.0 SITE DESCRIPTION	3
2.1 Site description	3
2.2 PEA-E Sampling Areas	3
2.3 Site Geology and Hydrogeology	4
3.0 BACKGROUND	6
3.1 Site Status and History	6
3.2 Hazardous Material/Substance/Waste Management Information	6
3.3 Records Review	6
3.4 Site Reconnaissance	6
3.5 Interviews	7
4.0 APPARENT PROBLEM	8
5.0 ENVIROMENTAL SETTING	9
5.1 Conceptual Site Model	9
5.2 Source of Potential Contamination	9
5.3 Release Mechanism	10
5.4 Transport Mechanism	10
5.5 Exposure Point	10
5.6 Potential Receptors	10
6.0 METHODOLOGY	11
6.1 Pre — Field Activities	11
6.2 Summary of Activities	11
6.3 Sampling Methods	13
6.3.1 Field Quality Control	13
6.4 Decontamination Procedures and Disposal of Investigation Derived Waste	14
6.5 Sample Analysis Strategy	14
6.6 Screening Levels	15
6.7 Results	16
7.0 DISCUSSION OF RESULTS	18
7.1 Identification of Impacted Areas	18
7.2 Delineation of Impacted Areas	18
7.3 Proposed Removal Action	19
7.4 Human Health Screening Evaluation	20
8.0 RADON TESTING AND RESULTS	22
8.1 Radon Background	22
8.2 Radon Sampling Methodology	22
8.3 Radon Sampling Results and Discussion	23

9.0	COMMUNITY OUTREACH.....	25
9.1	Pre-Work Notices.....	25
9.1.1	Mailers	25
9.1.2	Handouts	25
9.1.3	Signs	25
9.2.3	Draft PEA Availability.....	25
10.0	CONCLUSIONS AND RECOMMENDATIONS.....	26
10.1	Soil	26
10.2	Radon	27
11.0	REFERENCES	28

Figures

Figure 1	Site Location Map
Figure 2	Soil Sampling Layout Map
Figure 3	Soil Sample Locations – Buildings AA-244 & AA-347
Figure 4	Soil Sample Locations – Buildings AA-2383, AA-2384 & Lunch Shelter
Figure 5	Soil Sample Locations – Flammable Storage
Figure 6	Soil Sample Locations – Unnamed Portable
Figure 7	Soil Sample Locations – Shop
Figure 8	Soil Sample Locations – Buildings AA-2082, BB-182 & Unnamed Classroom
Figure 9	Soil Sample Locations – Industrial Arts
Figure 10	Soil Sample Locations – Girls Gymnasium
Figure 11	Radon Sampling Layout Map

Tables

Table 1	Summary of Arsenic and Lead in Soil Samples
Table 2	Summary of Organochlorine Pesticides in Soil Samples
Table 3	Summary of Polychlorinated Biphenyls (PCBs-Aroclors) in Soil Samples
Table 4	Summary of Total Petroleum Hydrocarbons in Soil Samples
Table 5	Summary of Summary of Volatile Organic Compounds in Soil Samples
Table 6	Summary of Recommended Removal Actions

Appendices

Appendix A	CSC Preliminary Environmental Assessment Equivalent Work Plan
Appendix B	Conceptual Site Model Figure and Evaluation of Exposure Pathways Table
Appendix C	Waste Manifests
Appendix D	Laboratory Analytical Results
Appendix E	Radon Gas Survey Report
Appendix F	Community Notices of Work

Acronyms

AARST	American Association of Radon Scientists and Technologists
bgs	Below Ground Surface
CAL — EPA	California Environmental Protection Agency
CSC	Clark Seif Clark, Inc.
CSM	Conceptual Site Model
COPC	Contaminant of Potential Concern
cy	Cubic Yards
DTSC	Department of Toxic Substances Control
E2	E2 ManageTech, Inc.
ESA	Environmental Site Assessment
HVAC	Heating, Ventilation and Air Conditioning
LAFD	Los Angeles Fire Department
LAUSD	Los Angeles Unified School District
mg/kg	Milligrams per Kilogram
NRPP	National Radon Proficiency Program (NRPP)
OCP	Organochlorine Pesticide
OEHS	Office of Environmental Health and Safety
PCB	Polychlorinated Biphenyl
pCi/L	Picocuries per Liter
PEA-E	Preliminary Environmental Assessment Equivalent
RAW	Removal Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RPD	Relative Percent Difference
RSL	Regional Screening Levels
RWQCB	Regional Water Quality Control Board
SL	Screening Level
TPH	Total Petroleum Hydrocarbons
USA	Underground Services Alert
U.S. EPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

This document presents the Preliminary Environmental Assessment Equivalent (PEA-E) for the San Pedro High School Comprehensive Modernization Project located at 1001 W. 15th Street (Site) in the community of San Pedro, city and county of Los Angeles, California (Figure 1). EnSafe Inc. (formerly E2 ManageTech, Inc. [E2]), on behalf of the Los Angeles Unified School District (LAUSD), has prepared this PEA-E Report based on the Scope of Services provided by LAUSD, dated July 8, 2016 (LAUSD 2016), and the attached PEA-E Work Plan and Soil and Radon Sampling plan that was prepared by Clark Seif Clark, Inc. (CSC) and dated June 22, 2016 (CSC 2016b). This report was further supplemented by information in the Phase I Environmental Site Assessment prepared by CSC, and dated June 7, 2016 (CSC 2016a). This PEA-E was prepared in general accordance with the guidelines of the State of California Environmental Protection Agency Department of Toxic Substances Control (DTSC) Preliminary Endangerment Assessment Guidance Manual (January 1994, Interim Final — Revised, October 2013).

LAUSD is proposing to demolish the Industrial Arts Building, Shop Building, and 10 portable buildings on the western portion of the campus (Figure 2). The existing Home Economics Building, Administration/Classroom Building, Physical Education Building, and Classroom Building 1 will experience modernization which includes updated heating, ventilation, and air conditioning systems. No planned activities were reported for the Gymnasium Building, Girls Gymnasium, or Classroom Building 2.

The purpose of this PEA-E was to evaluate soil in the proposed demolitions areas for the presence of the noted contaminants of concern. The scope of the soil evaluation was limited to the areas of demolition/construction and did not include the entire San Pedro High School campus. The PEA-E also provides a limited evaluation of existing radon conditions in the above-noted buildings that are planned for modernization.

The Phase I Environmental Site Assessment (CSC 2016a) for the school found the following recognized environmental condition (REC) and recommendation:

- *There is a clarifier associated with the operation of an auto shop that was located in one of the building scheduled for demolition. Further investigation of the soil in the location of the clarifier is warranted.*

In addition to the REC, the following items of concern and recommendations were provided by CSC:

- *Based on the possibility of the historic use of termiticides, herbicides including arsenic, pesticides, PCBs in caulking and lead-based paint, CSC recommends that surficial soils in the construction area be sampled.*
- *Mitigation measures for radon intrusion [should] be implemented. Surveys previously conducted by LAUSD confirmed its presence. This finding is an indoor air quality concern.*
- *There are decommissioned DWP transformers in the vault in the basement of the administration building that might contain PCBs.*

The scope of work provided by LAUSD and this PEA-E do not address the potential presence of polychlorinated biphenyls in or around the DWP electrical transformers.

EnSafe conducted the sampling and analysis program between August 2016 and March 2017. The soil sampling and analysis program comprised 50 primary borings (SB1 through SB50) and 102 step-out soil borings. The step-out borings were advanced to further assess the extent of arsenic, lead, or organochlorine pesticide (OCP) concentrations that exceeded the DTSC screening levels. The lateral and vertical extent of arsenic, lead, and OCP concentrations were either defined by step-out and step-down samples, or sampling was discontinued due to subsurface utility conflicts and hillslopes.

The soil sample analytical results reported indicate that the contaminants of potential concern polychlorinated biphenyls, total petroleum hydrocarbons, and volatile organic compounds were not detected above their respective screening thresholds within the project area, and thus are not anticipated to pose an unacceptable health risk either by inhalation, ingestion, or dermal contact during planned excavation or construction activities. This conclusion is limited to the target compounds and depths at each of the 13 structures included in this PEA-E.

Soil sampling and step-out sampling analytical results indicated that arsenic, lead, and/or OCP concentrations exceeded the health-based screening levels at 27 surficial soil locations. Of the 27 areas, 17 were impacted with arsenic, 10 were impacted with lead, and 5 were impacted with OCPs (chlordane or dieldrin) above the screening levels. There were four locations where two or more compounds exceeded their respective screening levels.

The proposed San Pedro High School modernization project will disturb surficial soil at the 27 locations of concern, which could result in a pathway for exposure to students, faculty, or construction workers. Prior to construction, EnSafe recommends soil removal and confirmation sampling in the areas of

concern. After confirmation samples are obtained that show contaminants of potential concern below health screening levels for residential land use, no further action will be required.

Based on the areal dimensions and estimated depths, the 27 excavation areas represent an approximate in situ volume of 226 cubic yards of arsenic-, lead-, and OCP-impacted soil. Due to a loss of compaction after excavation, the in-situ volume may increase and has adjusted by 50 percent to a total stockpile and disposal volume of 339 cubic yards. The locations of utilities should be verified prior to soil disturbance and the excavation limits adjusted accordingly. The use of hand tools may be appropriate for excavations in proximity to buried utility lines.

A Removal Action Work Plan should be prepared prior to demolition or construction activities that would disturb the areas of concern. The Removal Action Work Plan should contain a description of the contamination, excavation dimensions, methodology, transportation and disposal, confirmation sampling plan, methods to ensure worker and public health and safety, and cleanup goals. Community notices should be distributed in accordance with LAUSD policy. A Removal Action Completion Report should be completed before continuing with the proposed modernization project.

Radon samples were collected from four locations including the Administration building, Classroom Building 1, Physical Education building, and Home Economics building. The radon testing locations and evaluation are independent of the soil testing activities. Radon testing results reported concentrations ranging from below the reporting limit of 0.2 picocuries per liter (pCi/L) up to 3.9 pCi/L in the subject buildings. The highest radon concentration of 3.9 pCi/L was found in Room 231 of Classroom Building 1. The sample from the Cafeteria in the Home Economics building was flagged with a recommendation for additional testing, due to the doors being open at the time of the sample retrieval.

Radon sample results collected from the subject buildings were below the United States Environmental Protection Agency action level of 4.0 pCi/L. However, previous testing provided by LAUSD showed elevated radon levels in Classroom Building 1 and retesting was recommended. Based on the previous results, and because the EnSafe testing was restricted to four buildings, LAUSD should consider additional testing and/or radon mitigation prior to the design and construction of the San Pedro High School modernization project. It is our understanding that modernization of four buildings will include upgrades to the heating, ventilation, and air conditioning. The results of radon testing may be used to evaluate whether radon concentrations can be mitigated through appropriate ventilation and air exchange rates.



1.0 INTRODUCTION

This document presents the Preliminary Environmental Assessment Equivalent (PEA-E) for the San Pedro High School Comprehensive Modernization Project located at 1001 W. 15th Street (Site) in the community of San Pedro, city and county of Los Angeles, California (Figure 1). EnSafe Inc. (formerly E2 ManageTech, Inc. [E2]), on behalf of the Los Angeles Unified School District (LAUSD), has prepared this PEA-E Report based on the Scope of Services provided by LAUSD, dated July 8, 2016 (LAUSD 2016), and the attached PEA-E Work Plan (Appendix A) that was prepared by Clark Seif Clark, Inc. (CSC) and dated June 22, 2016 (CSC 2016b). This document was further supplemented by information in the Phase I Environmental Site Assessment (ESA) prepared by CSC, and dated June 7, 2016 (CSC 2016a). This PEA-E was prepared in general accordance with the guidelines of the State of California Environmental Protection Agency Department of Toxic Substances Control (DTSC) Preliminary Endangerment Assessment Guidance Manual (January 1994, Interim Final — Revised, October 2013).

LAUSD is proposing to demolish the Industrial Arts Building, Shop Building, and 10 portable buildings on the western portion of the campus (Figure 2). The existing Home Economics Building, Administration/Classroom Building, Physical Education Building, and Classroom Building 1 will experience modernization which includes updated heating, ventilation, and air conditioning (HVAC) systems. No planned activities were reported for the Gymnasium Building, Girls Gymnasium, or Classroom Building 2.

The scope of services for this PEA-E Report is set forth in the above-referenced LAUSD Scope of Services and a proposal from E2 dated July 15, 2016 (E2 2016). The scope of services has been authorized under Master Services Agreement No. 1290031/4400000960, Work Authorization No. E 3 08102-1EMT, dated July 21, 2016. The referenced agreement with E2 was assigned to EnSafe as of March 10, 2017. EnSafe completed the scope of work.

The Phase I ESA (CSC 2016a) for the school found the following recognized environmental condition (REC) and recommendation:

- *There is a clarifier associated with the operation of an auto shop that was located in one of the building scheduled for demolition. Further investigation of the soil in the location of the clarifier is warranted.*



In addition to the REC, the following items of concern and recommendations were provided by CSC:

- *Based on the possibility of the historic use of termiticides, herbicides including arsenic, pesticides, PCBs in caulking and lead-based paint, CSC recommends that surficial soils in the construction area be sampled.*
- *Mitigation measures for radon intrusion [should] be implemented. Surveys previously conducted by LAUSD confirmed its presence. This finding is an indoor air quality concern.*
- *There are decommissioned DWP transformers in the vault in the basement of the administration building that might contain PCBs.*

The scope of work provided by LAUSD and this PEA-E do not address the potential presence of polychlorinated biphenyls (PCBs) in or around the electrical transformers.

The purpose of the PEA-E is to evaluate soil in the proposed demolitions areas for the presence of the noted contaminants of potential concern (COPCs). The scope of the soil evaluation is limited to the areas of demolition/construction and does not include the entire San Pedro High School campus. The PEA-E also provides a limited evaluation of existing radon conditions in the above-noted buildings that are planned for modernization.

The Environmental Professional for the project is Mr. Travis Stravasnik. The Professional Engineer for the project is Mr. Daryl Hernandez. The Phase I ESA was prepared by CSC. The soil sampling was performed by Mr. Kevin Lin and Ms. Gabriela Valenzuela from EnSafe, and the radon testing was conducted by Ms. ReveAnn Ellrott from Radon Testing Services as a subconsultant.

2.0 SITE DESCRIPTION

Descriptions of the Site as well as local geology and hydrogeology are included below. The information is based on the reporting by CSC as part of the Phase I ESA.

2.1 Site description

The San Pedro High School campus is addressed 1001 W. 15th Street, San Pedro, California 90731 (Figure 1). Mr. Dane Robinson is the main contact person for the LAUSD Office of Environmental Health and Safety (OEHS) San Pedro High School project and can be reached at (213) 241-4122. Mr. Jay Nager is the Complex Project Manager for the Site and can be reached at the office line (310) 808-1510. The campus comprises Los Angeles County Assessor's Parcel Number 7458-024-918. The PEA-E is limited to the areas of modernization.

The campus consists of an irregularly-shaped parcel that is bordered by W. 15th Street and W. 14th Street to the north, Dana Middle School (1501 S. Cabrillo Avenue) to the east, W. 17th Street to the south, and S. Leland Street to the west. The campus is located in the community of San Pedro, within the city and county of Los Angeles (Figure 1). Ten permanent buildings, nine portable classrooms, and a storage bunker make up the remaining Site buildings. Other improvements include a baseball field, football field, softball field, and parking lot.

Land uses in the vicinity of the campus are predominantly single-family or multi-family residential. Limited commercial/retail uses are present approximately 1,000 feet to the east of the Site along S. Grand Avenue.

2.2 PEA-E Sampling Areas

Soil sampling was conducted in the proposed areas of demolition at 10 portable structures or outbuildings, Industrial Arts building, Shop building, and Girls Gymnasium. The Girls Gymnasium is on the southern-central portion of the campus, with the remaining buildings located on the western portion of the campus. The layout of the Site is shown on Figure 2 with individual buildings shown on Figures 3 through 10. Based on maps provided by LAUSD, the following identifiers were used for the buildings:

- AA-244 (Portable)
- AA-347 (Portable)
- AA-2384 (Portable)
- AA-2383 (Portable)

- Lunch Shelter
- Flammable Storage (Portable)
- Unnamed Classroom
- BB-182 (Portable)
- AA-2082 (Portable)
- Shop
- Unnamed Portable
- Industrial Arts
- Girls Gymnasium

Surface conditions around these buildings predominantly consist of asphalt pavement. Some areas have concrete pavement, or are located in unpaved landscape areas.

Radon testing was conducted in the Classroom Building 1, Administration building, Physical Education building, and Home Economics building. Modernization of these buildings will include upgrades to the HVAC. The results of radon testing will be used to evaluate whether radon concentrations can be mitigated through appropriate ventilation and air exchange rates.

No planned activities were reported for the Gymnasium Building or Classroom Building 2. Soil and radon conditions in these areas are excluded from the scope of work for this PEA-E.

2.3 Site Geology and Hydrogeology

The Site is shown on the U.S. Geological Survey, Torrance, California, 7-1/2 minute topographic quadrangle (U.S. Geological Survey 2012) at an elevation ranging from approximately 120 to 200 feet above mean sea level. The topography in the Site vicinity slopes moderately to the east and west.

Review of geologic and hydrogeologic references was beyond the scope of work of this report. Soil conditions observed during EnSafe's sampling activities, to a depth of 8 feet below ground surface (bgs), were characterized by sand and silty sand. The CSC Phase I ESA provided the following description of the geologic setting.

According to the EDR Geophysical Setting Report, the Subject Property lies in an area where the general geologic formation is of the Cenozoic era, Tertiary system, Eocene series. The dominant soil composition in the general area of the Subject Property is of the Calleguas series with a clay loam texture within the top 16 inches. This soil group is classified as Class D with very low

infiltration rates. The soil drainage class is described as well drained and does not meet the requirements for a hydric soil. The corrosion potential for uncoated steels in this type of soil is listed as high. The depth to bedrock is approximated to be between 8 and 20 inches.

Alquist-Priolo Earthquake Fault Zones are regulatory zones that encompass surface traces of active faults that have a potential for future surface fault ruptures that would impact existing or future structures. The nearest fault is approximately 1.5 miles away (Palos Verdes Fault Zone) in the Transverse Ranges and Los Angeles Basin region. This is not an Alquist-Priolo Earthquake Fault Zone. (<http://zimas.lacity.org>).

The CSC Phase I also provided the following summary of the hydrogeologic setting.

Groundwater flow direction is southeast towards the Pacific Ocean. Approximate measured depth to water is 15 to 16 feet. The nearest hydrogeological information comes from a site one-half to one mile east of the Subject Property where there are four aquifers: the semi-perched; Gage; Lynwood; and the Silverado. The unconfined semi-perched and underlying Gage aquifers are separated by the Bellflower aquiclude (EDR GeoCheck Report, 2016).

3.0 BACKGROUND

3.1 Site Status and History

Based on the historical sources review as reported by the CSC Phase I ESA, there were no identified uses of the Site until the construction of several residential structures between 1923 and 1925. CSC stated that the land for the present day campus was acquired by LAUSD beginning in 1934 and continuing until 1969. Former owners of portions of the property included the Board of Water and Power Commissioners of the City of Los Angeles and the Southern California Gas Company. The high school was constructed sometime after 1935.

3.2 Hazardous Material/Substance/Waste Management Information

CSC conducted a review of historical sources, regulatory agency records, and current Site conditions to provide information regarding hazardous materials and wastes at the Site. South Coast Air Quality Management District air quality permits indicated the presence of a spray booth in 1980 and storage of more than 50 pounds of refrigerant in 2012. City of Los Angeles Fire Department (LAFD) records included waste stream and hazardous materials storage lists for 2010 and 2012. The waste streams generally consisted of science classroom wastes (lab pack, formaldehyde), clarifier sludge from the Auto Shop, used oil and flammable liquids from the Auto Shop, asbestos, fluorescent light tubes, and flammable solids. Hazardous materials listed in the LAFD records included flammable liquids and solids, photo development waste silver, caustics, clarifier waste, universal wastes, flooring finish, paint, and fuels (diesel and gasoline in quantities less than 55 gallons). Chemicals noted to be on the Site during the CSC reconnaissance included photographic fixer, chemistry lab chemicals, paint, cleaning supplies, and diesel and gasoline fuels. No spills were reported by CSC.

None of the historical sources, regulatory agency records, or Site reconnaissance observations were noted by CSC as presenting an environmental concern to the Site, and no further actions were recommended.

3.3 Records Review

Records review findings are discussed in the Phase I ESA (CSC 2016a). The REC and recommendations associated with the Phase I are described in Section 1 of this PEA-E report.

3.4 Site Reconnaissance

Site reconnaissance findings are discussed in the Phase I ESA (CSC 2016a). As noted above, the REC and recommendations associated with the Phase I are described in Section 1 of this PEA- E report.



3.5 Interviews

Interviews are discussed in the Phase I ESA (E2 2014). As noted above, the REC and recommendations associated with the Phase I are described in Section 1 of this PEA-E report.

4.0 APPARENT PROBLEM

The Phase I ESA (CSC 2016a) for the school found the following REC and recommendation:

- *"There is a clarifier associated with the operation of an auto shop that was located in one of the buildings scheduled for demolition. Further investigation of the soil in the location of the clarifier is warranted."*

In addition to the REC, the following items of concern and recommendations were provided by CSC:

- *"Based on the possibility of the historic use of termiticides, herbicides including arsenic, pesticides, PCBs in caulking and lead-based paint, CSC recommends that surficial soils in the construction area be sampled."*
- *"Mitigation measures for radon intrusion [should] be implemented. Surveys previously conducted by LAUSD confirmed its presence. This finding is an indoor air quality concern."*
- *"There are decommissioned DWP transformers in the vault in the basement of the administration building that might contain PCBs."*

The scope of work provided by LAUSD and this PEA-E do not address the potential presence of PCBs in or around the electrical transformers. There are no known spills or releases that have occurred at the Site.

Due to the planned demolition and construction activities at the Site, soil disturbance could result in completion of the potential exposure pathways (ingestion, inhalation, and dermal contact) as further described in Section 5.1.

Radon gas has the potential to migrate from the underlying soil to the interior of the buildings that are being modernized. The presence of radon gas in the building would result in the completion of the inhalation exposure pathway and subsequent exposure to alpha radiation.

5.0 ENVIRONMENTAL SETTING

The environmental setting is described above in Section 2.3 and in the Phase I ESA (CSC, 2016a). The following sections describe the sources, release and transport mechanisms, exposure point, and potential receptors for COPCs at the subject Site. Screening levels that are appropriate to these exposure scenarios were used as thresholds to evaluate whether further sampling would be conducted for individual COPC results. The screening levels are discussed in Section 6.6 with the sample analysis results. Radon testing is discussed separately in Section 8 of this report.

5.1 Conceptual Site Model

A preliminary conceptual site model (CSM) for the human health and ecological risk assessment is presented in Appendix B. The CSM identifies the potential receptor groups, exposure media, and exposure pathways associated with the Site. COPCs are identified.

Land use is considered residential in nature. Default exposure parameters that represent the Reasonable Maximum Exposure were utilized in calculating risk and hazard. The exposure pathways evaluated include incidental ingestion of soil, dermal contact with soils, inhalation of fugitive dust, and inhalation of chemical vapors emanating into outdoor and indoor air.

The CSM describes the pathways by which receptors (i.e., humans) may be exposed to the COPCs on the Site. An exposure pathway describes the course a chemical will take from a source to an exposure point where a receptor can be exposed to the chemical. A complete exposure pathway has five components:

- Primary source of contamination (e.g., storage tank, land application of a pesticide)
- Secondary source of contamination (e.g., vapors, wind-blown dust, subsurface soil)
- Release mechanism (e.g., direct contact, fugitive dust, storm water erosion, leaching)
- Transport media (e.g., surface soil, air, storm water runoff)
- Receptor (e.g., humans or biota)

A summary of the CSM process used for the Site is shown in Appendix B and discussed in the following paragraphs.

5.2 Source of Potential Contamination

As noted in the CSC Phase I ESA and the PEA-E scope of work, there are multiple potential sources that could have resulted in a release of hazardous substances to the environment. A clarifier associated with

the operation of an auto shop program was identified as having the potential to impact soil with petroleum hydrocarbons, volatile organic compounds (VOCs), and PCBs. Potential surficial soil impacts around the buildings were identified due to the following: prior use of organochlorine compounds and arsenic (herbicides, termiticides, or other pesticides); PCBs due to their potential presence in caulking; and, lead due to the weathering of lead-based paint. Pad mounted electrical transformers were identified as a potential source of PCBs in shallow soil on the south side of the Girls Gymnasium.

5.3 Release Mechanism

Leaking waste fluids from the clarifier or associated piping system are a potential release mechanism for petroleum hydrocarbons, VOCs, and PCBs. Use organochlorine pesticides (OCPs) as a termiticide has been known to result in significant concentrations around structures with wood components built prior to January 1, 1989. Arsenic may also be associated with direct application of pesticides. Weathering, scraping, chipping, and abrasion of potential PCB caulking or lead-based paint surfaces may cause these contaminants to be released and accumulate in soil around project area structures. Leaking dielectric fluid from pad-mounted electrical transformers is a potential source of PCBs in soil near the Girls Gymnasium.

5.4 Transport Mechanism

Once released to soil, petroleum hydrocarbons, OCPs, and PCBs are relatively immobile. These substances are not easily soluble, will typically not leach into rainwater and migrate to groundwater, will likely adsorb to soil particles, and will not readily volatilize and migrate as vapors. VOCs in soil matrix have the potential to volatilize and migrate. Advection, which is the transport mechanism by which soil vapor moves due to differences in pressure, could cause VOCs to migrate to indoor or outdoor air.

5.5 Exposure Point

The primary exposure point is expected to be dermal contact with soil-bearing COPCs. However, exposure could occur through inhalation of dust, or vapors containing COPCs. The incidental ingestion of surface soil is also a potential exposure point.

5.6 Potential Receptors

The potential receptors include construction workers involved in the development of new buildings, the community members located adjacent to the school campus, and students and staff at the school. Appendix B presents a summary evaluation of exposure pathways for the Site.

6.0 METHODOLOGY

6.1 Pre — Field Activities

Underground Services Alert (USA) was notified of the intent to conduct subsurface investigations at least 48 hours prior to initiation of each intrusive field sampling event. Proposed locations of subsurface investigation were clearly marked with white paint as required by USA. USA contacted utility owners on record within the Site vicinity to notify them of the intention to conduct subsurface investigations in proximity to buried utilities.

A geophysical survey was also conducted before each sampling event to assess for subsurface lines and obstructions. Ground penetrating radar and electromagnetic line location geophysical methods were used. Electromagnetics are used to identify underground tanks, drums, and conduits. These features are detected by those methods because of the ferrous and electrically conductive material of their construction. Ground penetrating radar is used as a follow up technology to characterize identified electromagnetic anomalies, or assess for subsurface voids.

6.2 Summary of Activities

Sampling was performed as detailed in the CSC PEA-E Work Plan, and in general accordance with the *Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers*. A copy of the PEA-E Work Plan is provided in Appendix A. Table 1 of the PEA-E Work Plan provides the original proposed sampling methods and purpose for each boring location. Step-out and step-down sampling activities were conducted beyond the scope of the PEA-E Work Plan based on coordination with LAUSD OEHS staff.

Surficial Sampling

In accordance with Figure 1 of the PEA-E Work Plan, 47 boring locations (SB1 through SB47) were designated for the collection of surficial soil samples to assess potential impacts from arsenic, lead, OCPs, or PCBs associated with the portable buildings, Shop Building, and Industrial Arts Building. Surficial sampling was also scheduled at location SB48 in a shared boring with the clarifier sampling. The surficial sampling locations were generally placed within 2 feet of the corresponding building and adjusted where utility conflicts were encountered.

Collection of the PEA-E Work Plan surface samples occurred between August 1 and 3, 2016. Coring of the asphalt or concrete surface was conducted to allow for collection of surface samples (0 to 6 inches bgs) and subsurface samples (12 to 18 inches bgs or 24 to 30 inches bgs).

Surficial samples were submitted for analysis of arsenic, lead, and OCPs. Approximately 10 percent of the surficial samples were also analyzed for PCBs. Subsurface samples were archived and, based on the results of the surficial samples, later analyzed for one or more of the COPCs for step-down purposes.

An additional 102 borings were added during two subsequent mobilizations to collect surficial step-out and subsurface step-down samples. The step-out boring samples were analyzed or archived as needed, based on the results of the primary samples. The step-out boring locations were targeted to extend 5 feet and 10 feet laterally in three cardinal directions away from the primary locations and associated buildings. The step-out borings were identified by the primary location, followed by the distance (feet) and direction, and finally by the sample depth. For example, identifier SB6-5E-12 represents a sample collected from 5 feet to the east of primary location SB6, at a depth of 12 inches bgs.

EnSafe and LAUSD personnel met at the Site on September 15, 2016, to mark out the first set of step-out locations. Selected locations were modified or eliminated, in coordination with LAUSD, due to subsurface utility conflicts, adjacent ascending or descending slopes, or architectural features such as retaining walls or concrete pavers. The first step-out sampling event for these locations occurred during the weekends of September 24-25 and October 1-2, 2016.

EnSafe and LAUSD personnel met at the Site again January 25, 2017, to mark out a second set of step-out locations. These step-out locations addressed COPCs that were not delineated by the previous samples. The second step-out sampling event for these locations occurred on March 25, 2017. The process of analyzing additional step-out or step-down samples occurred incrementally as analytical data were received and compared to soil screening thresholds. Not all step-out samples required laboratory analysis.

Clarifier Sampling

Two boring locations (SB48 and SB49) were designated for the collection of soil samples at the north and south ends of the clarifier, adjacent to the Industrial Arts Building. SB48 was also shared with the surficial sampling program. The two boring locations were advanced on August 2, 2016, during the first sampling mobilization. Coring of the concrete surface was conducted to allow for collection of soil samples near the estimated clarifier pipe depth (48 to 54 inches or 4 to 4.5 feet bgs) and 2 feet below the depth of the clarifier bottom (96 to 102 inches or 8 to 8.5 feet bgs). No step-out boring locations were associated with the clarifier sampling.

Transformer Sampling

One boring location (SB50) was designated for the collection of shallow soil samples adjacent to the pad-mounted electrical transformers near the Girls Gymnasium. The boring was advanced on August 2, 2016, during the first mobilization. Coring of the concrete surface was conducted to allow for collection of a surface sample (0 to 6 inches bgs) and subsurface samples (12 to 18 inches bgs and 24 to 30 inches bgs). No step-out boring locations were associated with the transformer sampling.

Deviations from the Work Plan

Surficial sampling locations were moved as needed to avoid subsurface utility conflicts. Sample depths were adjusted in areas where drilling refusal was encountered. Step-out sample locations were added based on the results of primary sample locations. These revised sampling locations and step-out sampling locations and depths are considered representative of the sampling area of this investigation. All other locations were sampled according to the PEA-E Work Plan.

6.3 Sampling Methods

Soil sample collection was conducted through the use of a hand auger. Soil samples were placed into laboratory-supplied glass jars sealed with a Teflon-lined lid. Hand auger and sampling equipment was decontaminated before each sample collection. The samples were labeled and placed into an insulated cooler with ice for transport under chain-of-custody procedures to BC Laboratories, a state certified laboratory for analysis. Following the sample collection, the borings were backfilled with bentonite pellets and patched to match the surrounding ground surface.

6.3.1 Field Quality Control

Field duplicate samples were collected and analyzed to evaluate sampling and analytical precision. Field duplicates were collected and analyzed in the same manner as the primary samples. Agreement between duplicate sample results will indicate good sampling and analytical precision. Specific locations were designated for collection of field duplicates prior to the start of the initial field activities. Field duplicates were collected at a frequency of 10 percent of the primary samples collected. Duplicate analyses were run for the following pairs: SB6-15E-00 (D32517-DUP1), SB11-10W-00 (DUP3A-100116), SB19-15E-00 (D32517-DUP2), SB26-15N-00 (D32517-DUP3), SB27-5E-00 (DUP2A-092416), SB34-15S-00 (D32517-DUP4), SB37-5E (DUP1A-100116), SB46-5E-00 (DUP4A-092516) and SB47-5W-00 (DUP5A-100216).

No precision goal for field duplicate analyses was stated in the Work Plan. However, plus or minus 100 percent relative percent difference (RPD) is commonly used for soil samples. Eight of the

nine field duplicates for arsenic and lead had RPDs within 100 percent. Duplicate samples were run for OCPs on pairs SB26-5S-00 (DUP1A-092416) and SB46-5E-00 (DUP4A-092516). Some of the OCPs had RPDs that were above 100 percent but less than 200 percent. This variation may be due to the fact that concentrations were low and just above the reporting limits.

6.4 Decontamination Procedures and Disposal of Investigation Derived Waste

The hand auger bit was decontaminated before the start of the first boring of the day, between each boring, and before departing the Site each day. The hand auger bit was decontaminated using a two-stage decontamination process consisting of a non-phosphate detergent wash and a distilled water rinse.

Following sample collection, soil cuttings were placed in 55-gallon drums. Decontamination water was contained in separate 55-gallon drums. The soil and decontamination fluids were profiled based on the laboratory analytical results and disposed of as non-hazardous waste.

On February 17, 2017, three 55-gallon drums of waste soil cuttings were hauled offsite as non-hazardous waste for recycling to Soil Safe in Adelanto, California. One drum of decontamination fluids was hauled as non-hazardous waste to Crosby & Overton in Long Beach, California. A second pick-up occurred on May 15, 2017, for one additional drum of soil and one additional drum of decontamination fluids. Copies of the waste manifests for both pick-ups are included as Appendix C. Other investigation derived waste, including sample container boxes and nitrile gloves, were disposed of in a garbage receptacle at EnSafe's office.

6.5 Sample Analysis Strategy

Soil samples were submitted to BC Laboratories, a laboratory accredited by the California State Water Resources Control Board Environmental Laboratory Accreditation Program, certificate #1186. Soil samples were analyzed in accordance with the PEA-E Work Plan schedule by the following analytical methods:

- Arsenic using United States Environmental Protection Agency (U.S. EPA) Method 6010B
- Lead using U.S. EPA Method 6010B
- OCPs using U.S. EPA Method 8081A
- PCBs using U.S. EPA method 8082
- VOCs using U.S. EPA Method 8260B/5035
- Total petroleum hydrocarbons (TPH) using U.S. EPA Method 8015B

Subsurface samples and step-out samples were archived at the laboratory pending the results of the surface samples.

6.6 Screening Levels

For preliminary screening purposes, to evaluate whether further step-out and/or Human Health Risk Assessment activities were needed, the COPC concentrations were compared to soil screening values. Several of the published sources provided both residential and commercial/industrial use scenario screening levels. In accordance with DTSC protocol, the school receptors were evaluated using a residential exposure scenario. Residential screening levels used are shown with the analytical results on Tables 1 through 5.

- **Arsenic** — The DTSC has established a regional background concentration for arsenic in soil for use as a screening tool (DTSC, undated). The background concentration does not distinguish between residential and commercial/industrial use scenarios. Based on their statistical analysis of arsenic data points, attributed to both naturally occurring and anthropogenic sources, the DTSC's upper bound estimate (95th percentile) for background arsenic concentrations in Southern California is 12 milligrams per kilogram (mg/kg).
- **Lead** — The DTSC Human Health Risk Assessment Note 3 — DTSC-Modified Screening Level (DTSC-SL), dated June 2016, for Residential Soil is 80 mg/kg.
- **Organochlorine Pesticides** — The DTSC-SL for chlordane in residential soil is 0.44 mg/kg. The remaining OCPs do not have DTSC-SLs and were therefore compared with most recent versions of U.S. EPA Region 9 Regional Screening Levels (RSLs).
- **Polychlorinated Biphenyls** — DTSC-SLs are not available for PCBs. The laboratory reports a total PCB concentration as well as individual Aroclors. Soil concentrations were therefore compared to the individual RSLs for Aroclors as well as the total PCB RSL of 0.23 mg/kg.
- **Petroleum Hydrocarbons** — Currently there are no established guidelines for acceptable concentrations of petroleum hydrocarbons in soil. However, the Regional Water Quality Control Board (RWQCB) has historically published "Maximum Soil Screening Levels" for different distances of contamination from groundwater (RWQCB 1996). The screening levels for soil, where groundwater is less than 20 feet bgs, are 100 mg/kg for TPH-gasoline, 100 mg/kg for TPH-diesel, and 1,000 mg/kg for TPH-motor oil.

- **Volatile Organic Compounds** — DTSC-SLs were used where available for VOCs. Remaining VOCs were compared to the RSLs.

6.7 Results

The following sections describe the results of the PEA-E analytical testing program. The results are present in Tables 1 through 5. Copies of the laboratory analytical reports and chain-of-custody records are presented in Appendix D.

Arsenic

Arsenic was detected in each of the 48 primary surficial samples at concentrations ranging from 1.4 to 45 mg/kg. Thirteen of the arsenic concentrations exceeded the DTSC regional background of 12 mg/kg. Arsenic was detected in 170 of the 171 step-out or step-down samples at concentrations ranging from 1.6 to 59 mg/kg. Sixty-nine of the step-out/step-down arsenic concentrations exceeded the DTSC regional background of 12 mg/kg.

Lead

Lead was detected in each of the 48 primary surficial samples at concentrations ranging from 2.7 to 230 mg/kg. Ten of the lead concentrations exceeded the DTSC-SL of 80 mg/kg. Lead was also detected in each of the 65 step-out/step-down samples at concentrations ranging from 2.3 to 250 mg/kg. Twelve of the step-out lead concentrations exceeded the DTSC-SL of 80 mg/kg.

Organochlorine Pesticides

Thirty-five of the 48 primary soil surficial samples contained detectable concentrations of OCPs that included one or more of the following: dichlorodiphenyldichloroethane (4-4'-DDD), dichlorodiphenyldichloroethylene (4-4'-DDE), dichlorodiphenyltrichloroethane (4-4'-DDT), alpha-hexachlorocyclohexane (alpha-BHC), chlordane, and dieldrin. OCP concentrations exceeded the DTSC-SL for chlordane of 0.44 mg/kg and/or the RSL for dieldrin of 0.034 mg/kg, in seven of the primary surface samples. None of the other OCP concentrations exceeded their respective RSLs.

Twenty-two of the 26 step-out/step-down samples had detectable concentrations of one or more OCPs. In sample SB25-5E-00, the chlordane concentration of 0.96 mg/kg and the dieldrin concentration of 0.037 mg/kg exceeded the respective DTSC-SL and RSL. Sample SB25-10-00 had a chlordane concentration of 0.55 mg/kg, which also exceeded the DTSC-SL. No further step-out samples were collected in the SB25 area due to the confinement within a planter area. No other OCP concentrations in the step-out samples exceeded the DTSC-SLs or the RSLs.



Polychlorinated Biphenyls

PCBs were not detected in the 12 primary samples analyzed. No step-out or step-down samples were analyzed for PCBs.

Petroleum Hydrocarbons

TPH-gasoline and TPH-diesel were not detected in any of the seven samples analyzed from the clarifier area. TPH-motor oil was detected in three of the seven samples at concentrations of 40 mg/kg (SB48-00), 17 mg/kg (SB48-12), and 15 mg/kg (SB48-48). These concentrations are below the RWQCB Maximum Soil Screening Level of 1,000 mg/kg for TPH-motor oil.

No step-out or step-down samples were analyzed for TPH-gasoline, TPH-diesel, or TPH-motor oil.

Volatile Organic Compounds

VOCs were not detected in the seven samples analyzed from the clarifier area. No step-out or step-down samples were analyzed for VOCs.

7.0 DISCUSSION OF RESULTS

The following sections describe the frequency and locations of soil concentrations that exceeded the screening levels, followed by a summary of the impacted areas. Use of the term “area” is meant to denote a primary boring location (e.g., SB1) and the associated step-out samples. The discussion of radon testing results is deferred to Section 8.

7.1 Identification of Impacted Areas

Analytical results indicated that arsenic, lead, and/or OPC concentrations exceeded the health-based screening levels at 27 surficial soil locations. These compounds are considered COCs for the Site.

TPH concentrations were below preliminary screening values and VOCs were not detected in subsurface samples from the clarifier area. TPH and VOCs are therefore eliminated as COPCs and no further action is warranted at the clarifier area. PCBs were not detected in surficial samples around the buildings or at the transformer near the Girls Gymnasium. PCBs are therefore eliminated as a COPC and no further action is warranted at the transformer area.

7.2 Delineation of Impacted Areas

Of the 27 primary boring and step-out areas, 17 were impacted with arsenic, 10 were impacted with lead, and 5 were impacted with OCPs (chlordane or dieldrin) above the screening levels. There were four locations where two or more compounds exceeded their respective screening levels. A summary of the sample area exceedances is provided in the following table.

Sample Areas with COPCs above Screening Levels				
Area ID	Arsenic	Lead	OCPs	
			Chlordane	Dieldrin
SB1	X			
SB3		X		
SB4	X			
SB6	X			
SB7		X		
SB8	X			
SB9		X		
SB11	X			
SB15	X			
SB17		X		
SB18	X			



Sample Areas with COPCs above Screening Levels				
Area ID	Arsenic	Lead	OCPs	
			Chlordane	Dieldrin
SB19	X			
SB22	X			
SB23		X		
SB25	X		X	X
SB26	X	X	X	
SB27	X			
SB29			X	
SB30			X	
SB31		X	X	X
SB34		X		
SB36		X		
SB37	X			
SB41	X			
SB44	X			
SB46	X	X		
SB47	X			

The lateral limits of impacts from arsenic, lead, and OCPs have been delineated at the 27 locations to the extent practicable, subject to limitations from architectural features, subsurface utilities, and hillslopes. The vertical extent of impacts have been delineated at 19 of the 27 surficial locations. LAUSD has elected not to collect additional step-down samples at the remaining eight locations and instead address these areas during a removal action.

7.3 Proposed Removal Action

EnSafe recommends a removal action on the campus at the locations where arsenic, lead, and OCPs exceeded the health screening levels. Post-excavation sampling is also recommended to provide vertical delineation and confirmation that COPC impacts have been removed. Based on the sample concentrations and noted limitations, the recommended excavations are shown on Figures 3 through 10.

A summary of the COPCs, excavation limit rationale, and estimated volumes is provided in Table 6. It should be noted that the distances between sample locations and mapped utilities are approximate. Subsurface anomalies that suggested utility lines not mapped by LAUSD were also found. The locations of utilities should be verified prior to soil disturbance and the excavation limits adjusted accordingly. The use of hand tools may be appropriate for excavations in proximity to buried utility lines.

In the eight areas where vertical delineation is not available, based on direction from LAUSD, the initial excavations will be advanced to a depth of 36 inches. This excavation depth extends 6 inches beyond the deepest step-down samples and results in the removal of known contamination. Confirmation samples will be collected from these locations at the time of the removal action and compared to the respective health screening levels. Additional removals and re-sampling will be conducted as needed to address deeper contamination.

Based on the areal dimensions and estimated depths, the 27 excavation areas represent an approximate in situ volume of 226 cubic yards (cy) of arsenic-, lead-, and OCP-impacted soil. The volumes of individual excavations are provided in Table 6. Due to a loss of compaction after excavation, the in situ volume may increase and has adjusted by 50 percent to a total stockpile and disposal volume of 339 cy.

Arsenic and OCP concentrations of soils from the excavation areas are below levels that would qualify as California-hazardous waste or Resource Conservation and Recovery Act (RCRA)-hazardous waste. Lead concentrations exceeded 50 mg/kg at the 10 proposed lead excavation areas and at one arsenic/OCP excavation area (SB25). Based on a 10 times dilution factor applied when analyzing soluble lead by the Waste Extraction Test, this material may exceed the Soluble Threshold Limit Concentration (STLC) of 5 milligrams per liter. The STLC is the threshold to assess whether a material is a California-hazardous waste. Lead concentrations also exceeded 100 mg/kg at the 10 proposed lead excavation areas. Based on a 20 times dilution factor applied when analyzing soluble lead by the Toxicity Characteristic Leaching Procedure (TCLP), the waste material may also exceed the RCRA threshold of 5 milligrams per liter for classification as a hazardous waste. Based on these findings soil samples are being collected in order to make the California-hazardous and RCRA-hazardous waste determinations for lead. The results of the waste characterization will be provided in a Removal Action Workplan (RAW) which will be available for public review and comment.

7.4 Human Health Screening Evaluation

The purpose of the human health screening evaluation is to evaluate potential impacts to human receptors from exposure to COPCs in soil at the Site. In accordance with DTSC protocol, a residential scenario allowing unrestricted land use is used for the human health screening evaluation. The residential land use exposure parameters and the resulting health screening levels are more conservative and health protective than a commercial/industrial worker land use scenario.



Arsenic, lead, and OCPs are the only COPCs at the Site with soil concentrations that exceeded their respective health screening levels. The full data set and distribution characteristics of the COPCs throughout the Site could be used to evaluate whether the actual exposures experienced by a student or staff result in a lower risk. However, as described in Section 7.3, LAUSD has elected to remove soil from the locations that have been identified as having COPC concentrations above the health screening levels for residential land use. No further action will be required.

8.0 RADON TESTING AND RESULTS

Radon gas sampling was conducted in accordance with the LAUSD scope of work and the PEA-E Workplan. The following sections describe the background conditions and radon testing activities.

8.1 Radon Background

LAUSD developed a Radon Zones map dated April 26, 2016, which is based on radon data by zip code obtained from California Department of Public Health Indoor Radon Program, dated February 26, 2016. According to the map, the San Pedro High School campus is located in a Moderate Potential Radon Zone. Based on a review of the California Geological Survey, Radon Potential in Palos Verdes Area, California document, dated 2012, these hazard categories correspond to the percentage of homes that are likely to be equal to or greater than the U.S. EPA recommended radon action level of 4.0 picocuries per liter (pCi/L). The categories used were: high (≥ 20 percent of homes), moderate (≥ 5.0 to 19.9 percent of homes), low (< 5 percent of homes), and unknown (for geologic units with few or no data).

Previous radon measurements have been conducted at the San Pedro High School Campus. LAUSD provided EnSafe with a Radon Measurement Survey, prepared by Alta Environmental and dated March 8, 2016, which was conducted for planned renovations of the existing Classroom Building 2/Science Building. Radon measurements were collected for periods ranging from 83 to 87 hours from the first and second floors of the building. The testing results included radon concentrations above the U.S. EPA recommended action level of 4.0 pCi/L at two of the 18 locations. These included 4.7 pCi/L in Room 150-Storage and 8.5 pCi/L in the under stairs closet (former electrical closet). Radon measurements from the second floor of the building were below 4.0 pCi/L; however, the concentration of 2.9 pCi/L in Classroom 253 was considered unusual for a location above the ground floor.

Based on the radon measurements, Alta recommended retesting of selected areas as well as testing of the remaining buildings at the campus. Radon resistant construction design was further recommended by Alta for the new elevator installation, as well as new building additions.

8.2 Radon Sampling Methodology

EnSafe conducted limited radon testing in the areas specified by the LAUSD scope of work. The radon gas sampling locations were listed in Table 2 of the PEA-E Work Plan and included the Administration Building, Classroom Building, Physical Education Building, and Home Economics

Building. The building locations are shown on Figure 11. These buildings will reportedly be upgraded and reoccupied following the modernization project. The radon testing did not address the buildings included in the soil sampling program due to those buildings being scheduled for demolition, or the potential conditions of new buildings to be constructed at the campus.

Radon gas testing was conducted between August 6 and 8, 2016, by subcontractor Radon Testing Services. Ms. Ellrott is certified by American Association of Radon Scientists and Technologists (AARST) and the National Radon Proficiency Program (NRPP), registration 100519RT-MFM. A total of 28 short term and 5 quality control Liquid scintillation radon sampling devices were deployed by Ms. Ellrott on Saturday, August 6, 2016, while the school was unoccupied, and retrieved before classes resumed on August 8, 2016. The devices were in place for approximately 48 hours. Sampling protocols observed before or during the testing included the following:

- LAUSD turned off the HVAC system 12 hours prior to sampling and left the system off.
- Exterior doors and windows were closed for 12 hours prior to, and for the duration of, sampling. The Dance Room and Cafeteria doors were open on Monday morning when Ms. Ellrott returned to retrieve the samples. The duration of the doors being open was unknown and the condition was noted as an exception.
- Test devices were placed on the lowest level of the building that is occupied.
- Test devices were placed in the breathing zone, away from drafts and heat sources, at least 3 feet from exterior doors and windows, 1 foot from exterior walls, 20 inches from the floor, and no higher than 8 feet.

The Radon Gas Survey report is included in Appendix E.

8.3 Radon Sampling Results and Discussion

The radon testing devices were delivered under chain of custody procedures to RAdata (AARST-NRPP #101196AL) of Flanders, New Jersey for analysis of average radon concentration by U.S. EPA method #402-R-92-004. The radon results reported concentrations ranging from below the reporting limit of 0.2 pCi/L up to 3.9 pCi/L. The highest radon concentration of 3.9 pCi/L was found in Room 231 of Classroom Building 1. The sample from the Cafeteria in the Home Economics building was flagged with a recommendation for additional testing, due to the doors being open at the time of the



sample retrieval. A table showing the individual sample results is provided in the Radon Gas Survey report which is attached as Appendix E.

Radon sample results collected from the Administration building, Classroom building, Physical Education building, and Home Economics building were below the U.S. EPA action level of 4.0 pCi/L. However, previous testing provided by LAUSD showed elevated radon levels in Classroom Building 1 and retesting was recommended. Based on the previous results, and because the EnSafe testing was restricted to four buildings, LAUSD should consider additional testing and/or radon mitigation prior to the design and construction of the San Pedro High School modernization project. It is our understanding that modernization of four buildings will include upgrades to the HVAC. The results of radon testing may be used to evaluate whether radon concentrations can be mitigated through appropriate ventilation and air exchange rates.

9.0 COMMUNITY OUTREACH

9.1 Pre-Work Notices

EnSafe provided an advanced notice of the PEA-E activities in both English and Spanish to members of the community located near the PEA-E and the campus. The notices are attached in Appendix F.

9.1.1 Mailers

Copies of the Pre-Work Notice in both English and Spanish were sent to the homes of students who attend San Pedro High School. LAUSD OEHS provided EnSafe with a complete list of the students at San Pedro High School and their addresses. Notices were mailed to 2,391 students on July 15, 2016.

9.1.2 Handouts

On July 18, 2016, EnSafe hand delivered copies of the Pre-Work Notice in both English and Spanish to homes and properties that border the San Pedro High School campus. Approximately 200 notices were delivered.

9.1.3 Signs

EnSafe laminated copies of the Pre-Work Notices in English and Spanish and posted them on each side of the San Pedro High School campus.

9.2.3 Draft PEA Availability

The Draft PEA-E was made available on the LAUSD Office of Environmental Health and Safety Site Assessment web page located at: <http://achieve.lausd.net/oehs>. The Draft PEA-E was available for public review for a period of 30 days (July 14 to August 13, 2017). During this period LAUSD invited written comments to the Draft PEA, however, none were received.



10.0 CONCLUSIONS AND RECOMMENDATIONS

10.1 Soil

The soil sample analytical results reported above indicate that the COPCs PCBs, TPH, and VOCs were not detected above their respective screening thresholds within the project area, and thus are not anticipated to pose an unacceptable health risk either by inhalation, ingestion, or dermal contact during planned excavation or construction activities. This conclusion is limited to the target compounds and depths at each of the 13 structures included in this PEA-E.

Soil sampling and step-out sampling analytical results indicated that arsenic, lead, and/or OCP concentrations exceeded the health-based screening levels at 27 surficial soil locations. Of the 27 areas, 17 were impacted with arsenic, 10 were impacted with lead, and 5 were impacted with OCPs (chlordane or dieldrin) above the screening levels. There were four locations where two or more compounds exceeded their respective screening levels.

The proposed San Pedro High School modernization project will disturb surficial soil at the 27 locations of concern, which could result in a pathway for exposure to students, faculty, or construction workers. Prior to construction, EnSafe recommends soil removal and confirmation sampling in the areas of concern. After confirmation samples are obtained that show COPCs below health screening levels for residential land use, no further action will be required.

Based on the areal dimensions and estimated depths, the 27 excavation areas represent an approximate in-situ volume of 226 cy of arsenic-, lead-, and OCP-impacted soil. Due to a loss of compaction after excavation, the in situ volume may increase and has adjusted by 50 percent to a total stockpile and disposal volume of 339 cy. The locations of utilities should be verified prior to soil disturbance and the excavation limits adjusted accordingly. The use of hand tools may be appropriate for excavations in proximity to buried utility lines.

A RAW should be prepared prior to demolition or construction activities that would disturb the areas of concern. The RAW should contain a description of the contamination, excavation dimensions, methodology, transportation and disposal, confirmation sampling plan, methods to ensure worker and public health and safety, and cleanup goals. Community notices should be distributed in accordance with LAUSD policy. A Removal Action Completion Report should be completed before continuing with the proposed modernization project.

10.2 Radon

Radon samples were collected from four locations including the Administration building, Classroom Building 1, Physical Education building, and Home Economics building. The radon testing locations and evaluation are independent of the soil testing activities. Radon testing results reported concentrations ranging from below the reporting limit of 0.2 pCi/L up to 3.9 pCi/L in the subject building. The highest radon concentration of 3.9 pCi/L was found in Room 231 of Classroom Building 1. The sample from the Cafeteria in the Home Economics building was flagged with a recommendation for additional testing, due to the doors being open at the time of the sample retrieval.

Radon sample results collected from the subject buildings were below the EPA action level of 4.0 pCi/L. However, previous testing provided by LAUSD showed elevated radon levels in Classroom Building 1 and retesting was recommended. Based on the previous results, and because the EnSafe testing was restricted to four buildings, LAUSD should consider additional testing and/or radon mitigation prior to the design and construction of the San Pedro High School modernization project. It is our understanding that modernization of four buildings will include upgrades to the HVAC. The results of radon testing may be used to evaluate whether radon concentrations can be mitigated through appropriate ventilation and air exchange rates.

11.0 REFERENCES

California Department of Public Health. California Indoor Radon Test Results. February 2016.

Clark Seif Clark. Phase I Environmental Site Assessment, San Pedro High School, 1001 W. 15th Street, San Pedro, California, 90731. June 7, 2016a.

- PEA Equivalent Work Plan. Soil and Radon Sampling Plan (Task 2), San Pedro High School, 1001 West 15th Street, San Pedro, California, 90731. June 22, 2016b.

California Regional Water Quality Control Board, Los Angeles And Ventura Counties, Region 4, Interim Site Assessment and Cleanup Guidebook. May 1996.

Department of Toxic Substances Control. Office of Human and Ecological Risk. Human Health Risk Assessment Note Number: 3. June 2016.

- Preliminary Endangerment Assessment Guidance Manual, Cal/EPA DTSC. January 1994 (Interim Final – Revised October 2013).
- Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers, California Department of Toxic Substance Control (Cal-EPA DTSC). June 9, 2006.
- (accessed August 11, 2016). Determination of a Southern California Regional Background Arsenic Concentration in Soil. Retrieved from <http://www.dtsc.ca.gov/upload/Background-Arsenic.pdf>.
- Proposed Scope of Work for Preliminary Environmental Assessment Equivalent, San Pedro High School Comprehensive Modernization, San Pedro High School, 1001 West 15th Street, San Pedro, California. July 15, 2016.
- Proposed Scope of Work for Preliminary Environmental Assessment, Industrial Arts Building Replacement, San Pedro High School, 9229 Haskell Ave, Los Angeles, California. March 13, 2016b.



Los Angeles Unified School District Radon Zones (map). April 26, 2016a.

- Scope of Services, Preliminary Environmental Assessment Equivalent, San Pedro High School Comprehensive Modernization. July 8, 2016b.

Radon Testing Services. Radon Gas Survey — San Pedro High School, 1001 W. 15th Street, San Pedro, California 90731. August 12, 2016.

United States Environmental Protection Agency. Regions 3, 6, and 9. Regional Screening Levels for Chemical Contaminants at Superfund Sites. Retrieved from <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables-may-2016>. May 2016.

United States Geological Survey. 7 1/2-Minute Topographic Map of Torrance Quadrangle, California. 2012.

Figures



I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335 LAUSD San Pedro CA\Highway\FIGURE 1 SITE LOCATION MAP.FIGURE 1 LAUSD SAN PEDRO HIGH.CAD.dwg 3/30/2017 9:28:30 AM

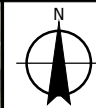
FIGURE 1
SITE LOCATION MAP
SAN PEDRO HIGH SCHOOL
1001 15TH STREET
SAN PEDRO, CALIFORNIA 90031

REQUESTED BY:	TS
DRAWN BY:	CC
DATE:	03/30/2017
PROJECT:	0888820335

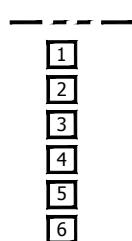
Creative thinking. Custom solutions.
800.588.7962 | www.ensafe.com

0 1,000 2,000
 SCALE IN FEET
 COORDINATE SYSTEM: NAD 1983
 UTM ZONE 11

I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C002_SOIL SAMPLING LAYOUT MAP FIGURE 2 LAUSD SAN PEDRO HIGH CA.dwg 5/11/2017 3:58:48 PM



LEGEND



APPROXIMATE SUBJECT PROPERTY BOUNDARY
 1 BUILDING AA-244
 2 BUILDING AA-347
 3 BUILDING AA-2384
 4 BUILDING AA-2383
 5 LUNCH SHELTER
 6 FLAMMABLE STORAGE



7 UNNAMED PORTABLE BUILDING
 8 SHOP BUILDING
 9 BUILDING AA-2082
 10 BUILDING BB-182
 11 UNNAMED CLASSROOM
 12 INDUSTRIAL ARTS BUILDING
 13 GIRLS GYMNASIUM

0 100 200

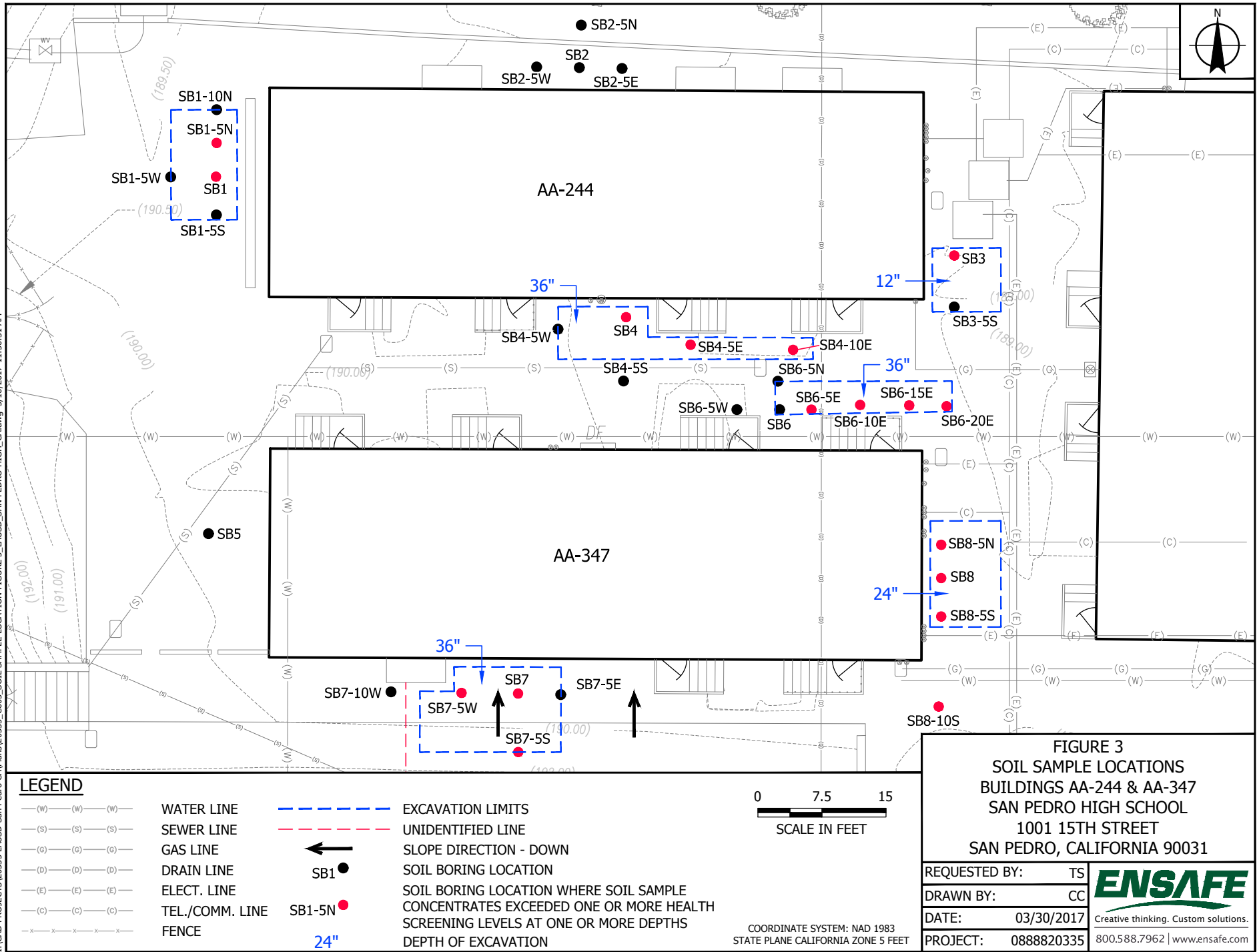
SCALE IN FEET
 COORDINATE SYSTEM: NAD 1983
 STATE PLANE CALIFORNIA ZONE 5 FEET

FIGURE 2
 SOIL SAMPLING LAYOUT MAP
 SAN PEDRO HIGH SCHOOL
 1001 15TH STREET
 SAN PEDRO, CALIFORNIA 90031

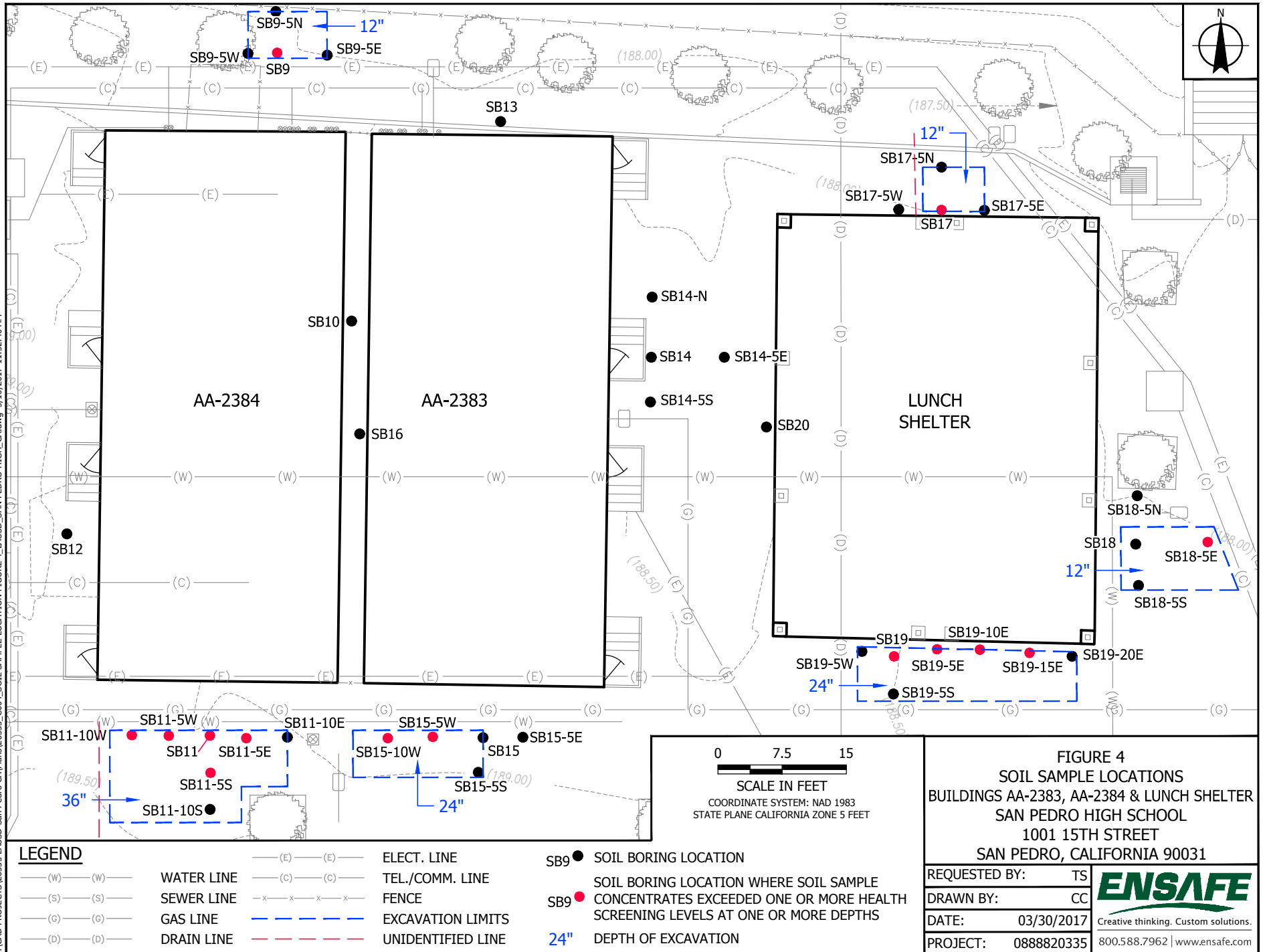
REQUESTED BY: TS
 DRAWN BY: CC
 DATE: 03/30/2017
 PROJECT: 0888820335

ENSAFE
 Creative thinking. Custom solutions.
 800.588.7962 | www.ensafe.com

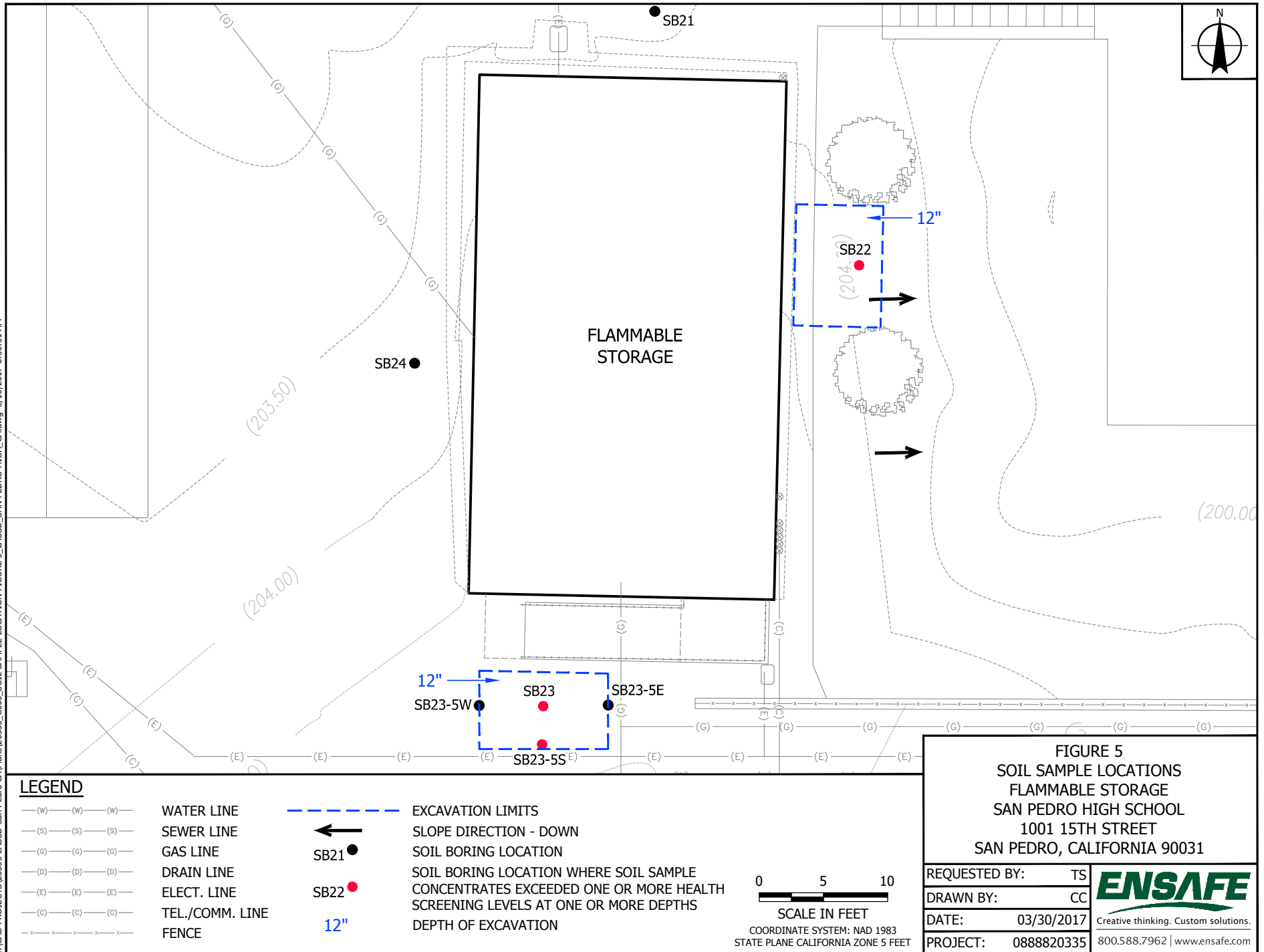
I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335 C003_SOIL SAMPLE LOCATION FIGURE 3.LAUSD SAN PEDRO HIGH.CAD.dwg 5/16/2017 11:50:31 AM



I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C004_SOIL SAMPLE LOCATION FIGURE 4.LAUSD SAN PEDRO HIGH.CAD.dwg 5/16/2017 11:52:40 AM

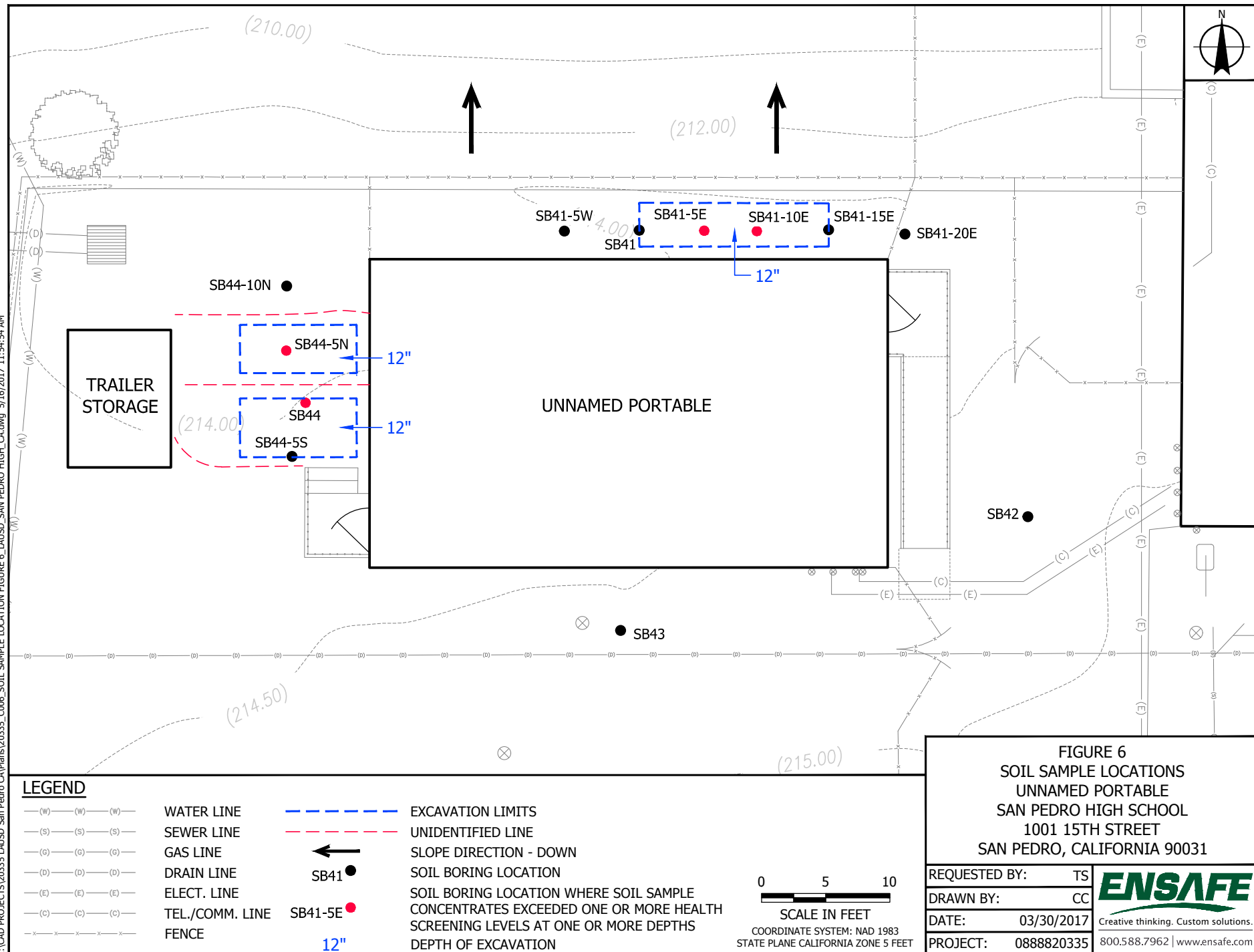


1: CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C005_SOIL SAMPLE LOCATION FIGURE 5.LAUSD SAN PEDRO HIGH CA.dwg 5/16/2017 8:30:51 AM

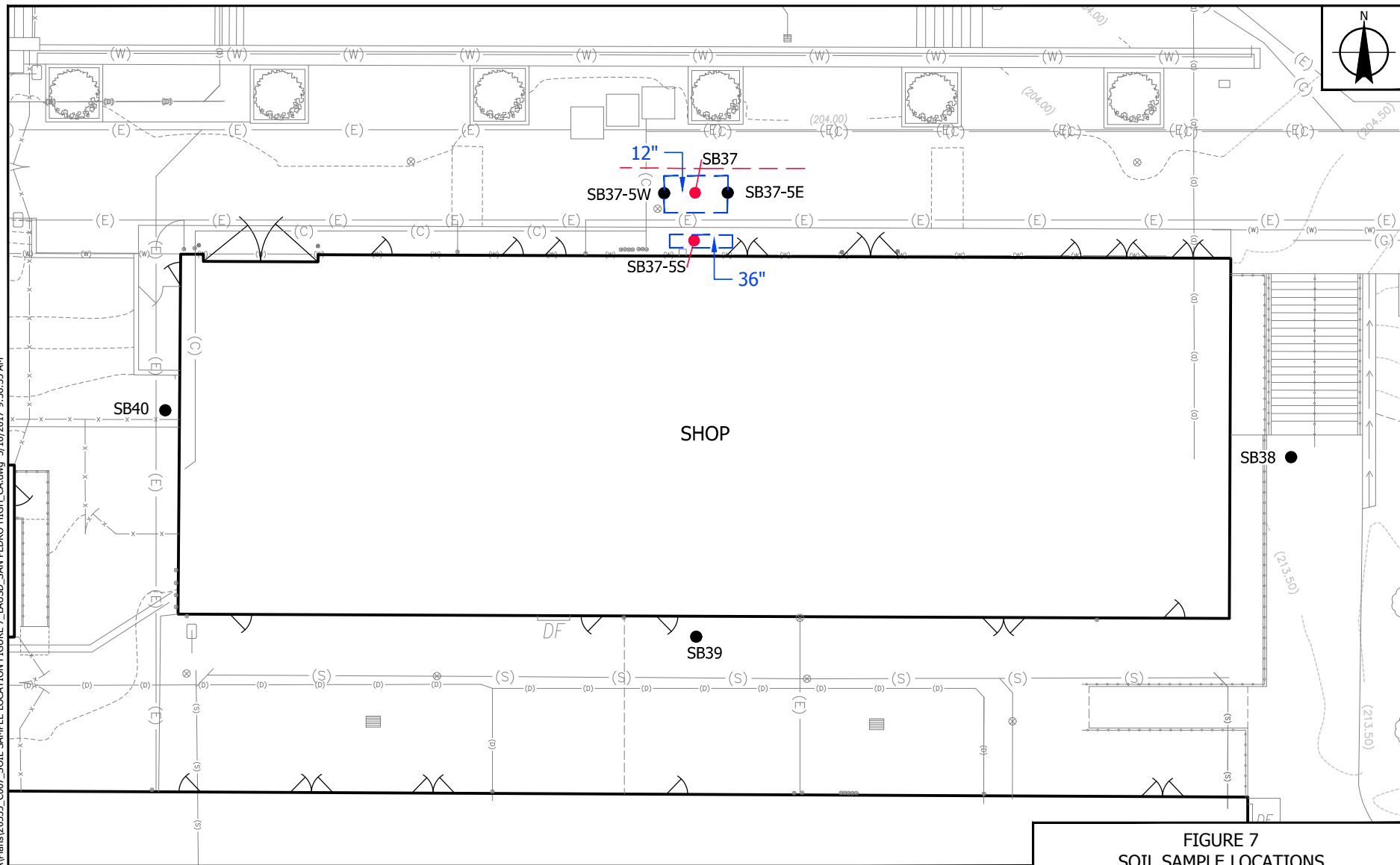


DATA SOURCES: P.A. ARCA ENGINEERING, INC., 500 East Carson Plaza Drive, Suite 201, Carson California 90746

I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C006_SOIL SAMPLE LOCATION FIGURE 6.LAUSD SAN PEDRO HIGH CA.dwg 5/16/2017 11:54:54 AM



1: CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C007_SOIL SAMPLE LOCATION FIGURE 7.LAUSD SAN PEDRO HIGH CA.dwg 5/16/2017 9:36:35 AM



LEGEND

— (W) — (W) —	WATER LINE	— — — — —	EXCAVATION LIMITS
— (S) — (S) —	SEWER LINE	— — — — —	UNIDENTIFIED LINE
— (G) — (G) —	GAS LINE	● SB37	SOIL BORING LOCATION
— (D) — (D) —	DRAIN LINE	● SB37	SOIL BORING LOCATION WHERE SOIL SAMPLE CONCENTRATES EXCEEDED ONE OR MORE HEALTH SCREENING LEVELS AT ONE OR MORE DEPTHS
— (E) — (E) —	ELECT. LINE	12"	DEPTH OF EXCAVATION
— (C) — (C) —	TEL./COMM. LINE		
- x - x - x - x -	FENCE		

0 10 20
SCALE IN FEET

COORDINATE SYSTEM: NAD 1983
STATE PLANE CALIFORNIA ZONE 5 FEET

FIGURE 7 SOIL SAMPLE LOCATIONS SHOP SAN PEDRO HIGH SCHOOL 1001 15TH STREET SAN PEDRO, CALIFORNIA 90031

REQUESTED BY: TS
DRAWN BY: CC
DATE: 03/30/2017
PROJECT: 0888820335

ENSAFE
Creative thinking. Custom solutions.
800.588.7962 | www.ensafe.com

I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C008_SOIL SAMPLE LOCATION FIGURE 8.LAUSD SAN PEDRO HIGH.CAD.dwg 5/16/2017 12:36:41 PM

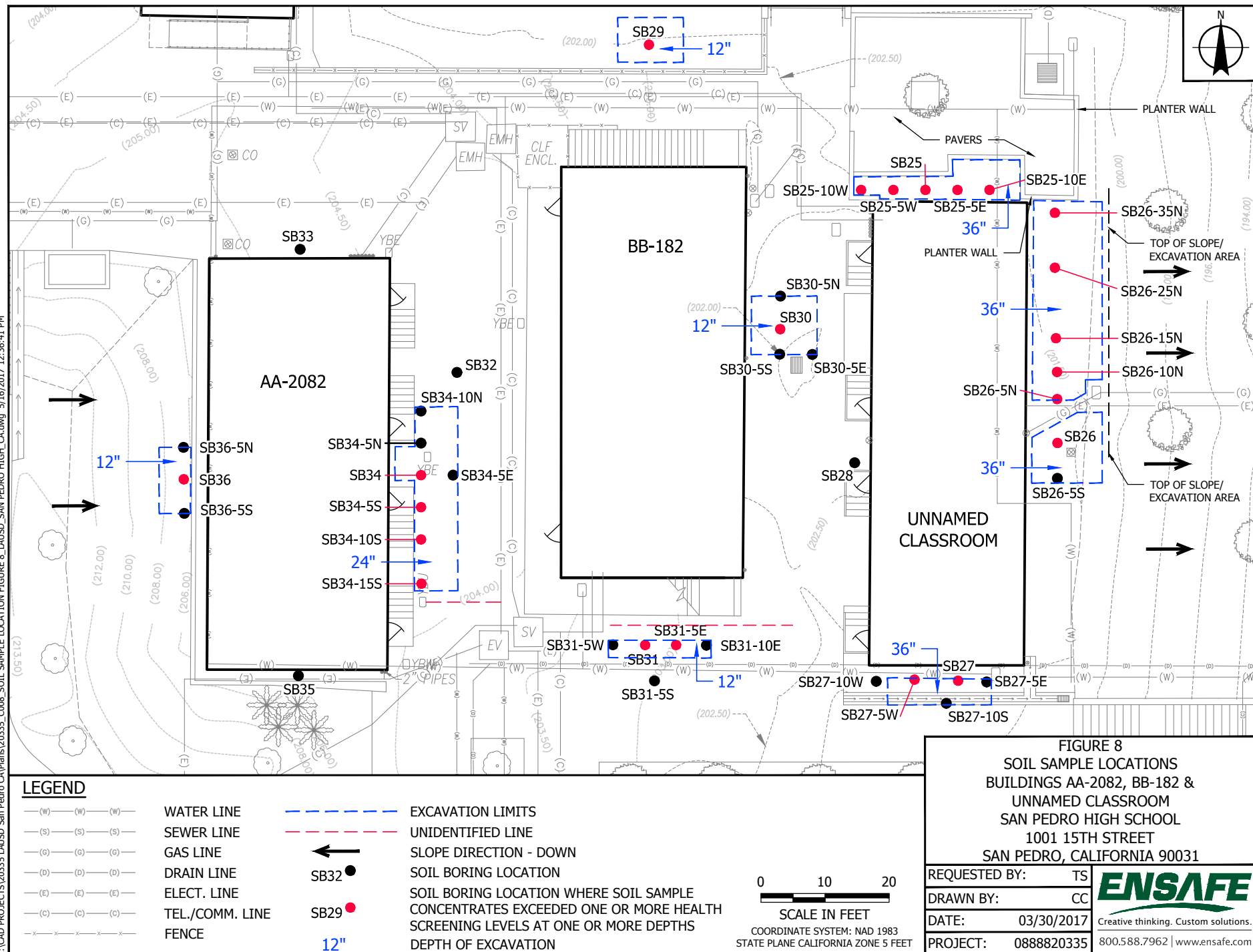
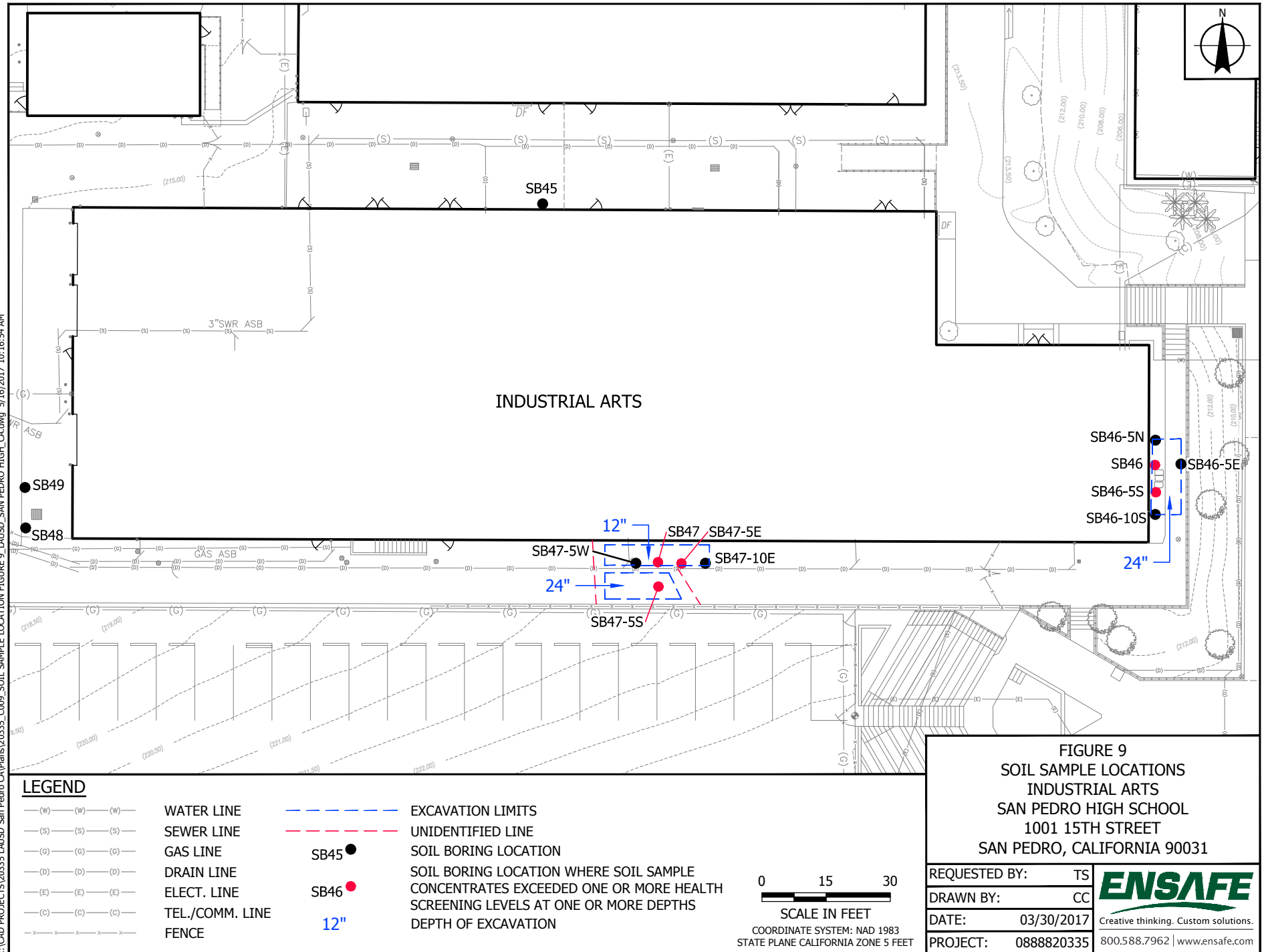


FIGURE 8
SOIL SAMPLE LOCATIONS
BUILDINGS AA-2082, BB-182 &
UNNAMED CLASSROOM
SAN PEDRO HIGH SCHOOL
1001 15TH STREET
SAN PEDRO, CALIFORNIA 90031

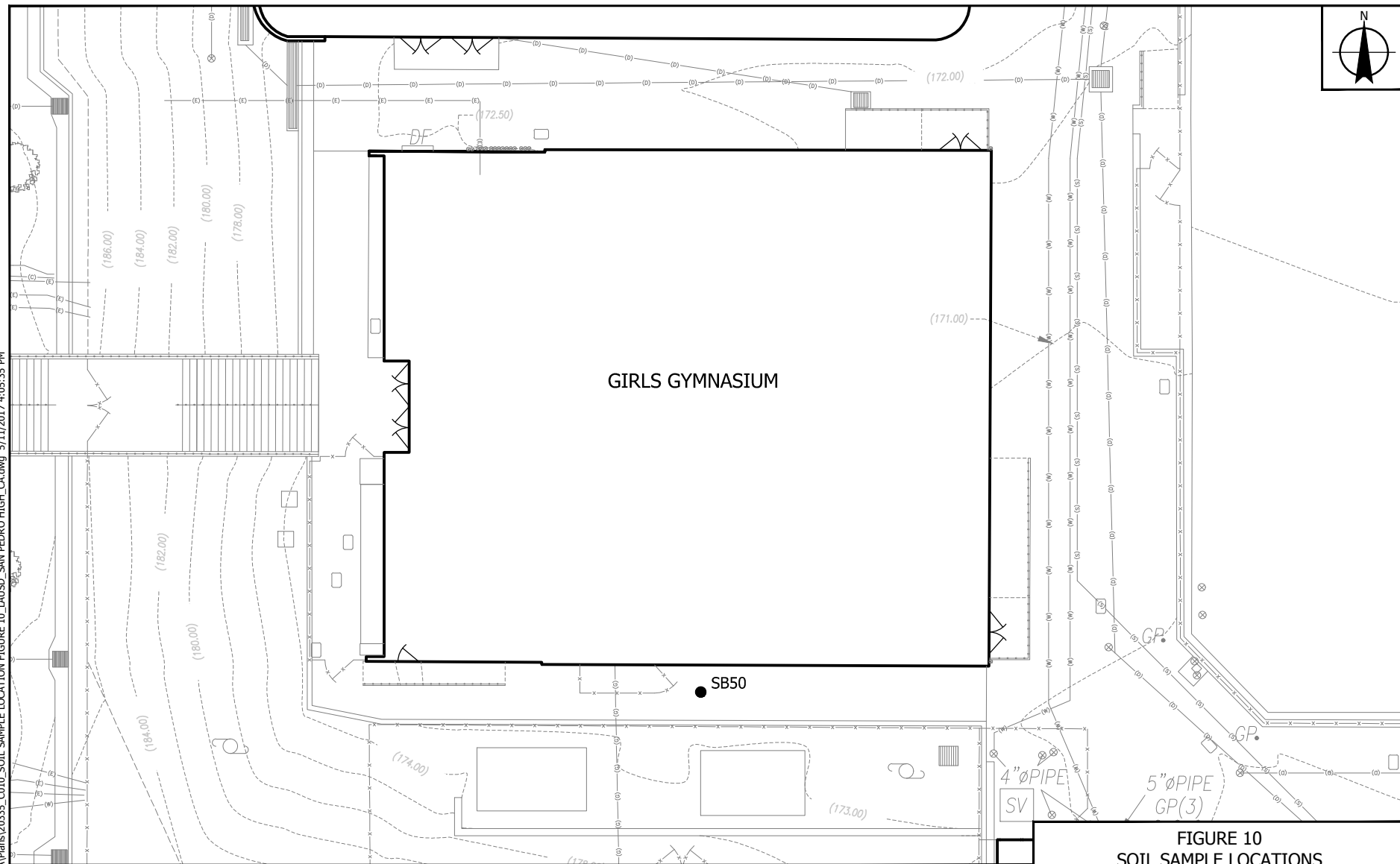
REQUESTED BY: TS
DRAWN BY: CC
DATE: 03/30/2017
PROJECT: 0888820335

ENSAFE
Creative thinking. Custom solutions.
800.588.7962 | www.ensafe.com

1: CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C009_SOIL SAMPLE LOCATION FIGURE 9_LAUSD SAN PEDRO HIGH CA.dwg 5/16/2017 10:16:54 AM



I:\CAD PROJECTS\20335 LAUSD San Pedro CA\Plans\20335_C010_SOIL SAMPLE LOCATION FIGURE 10_LAUDS_SAN PEDRO HIGH_CA.dwg 5/11/2017 4:05:35 PM



LEGEND

—(W)—(W)—(W)—	WATER LINE
—(S)—(S)—(S)—	SEWER LINE
—(G)—(G)—(G)—	GAS LINE
—(D)—(D)—(D)—	DRAIN LINE
—(E)—(E)—(E)—	ELECT. LINE
—(C)—(C)—(C)—	TEL./COMM. LINE
—X—X—X—X—X—	FENCE

SB1 ● SOIL BORING LOCATION

0 10 20

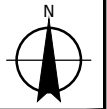
SCALE IN FEET

COORDINATE SYSTEM: NAD 1983
STATE PLANE CALIFORNIA ZONE 5 FEET

FIGURE 10
SOIL SAMPLE LOCATIONS
GIRLS GYMNASIUM
SAN PEDRO HIGH SCHOOL
1001 15TH STREET
SAN PEDRO, CALIFORNIA 90031

REQUESTED BY: TS
DRAWN BY: CC
DATE: 03/30/2017
PROJECT: 0888820335

ENSAFE
Creative thinking. Custom solutions.
800.588.7962 | www.ensafe.com



LEGEND

- APPROXIMATE SUBJECT PROPERTY BOUNDARY
- 1 ADMINISTRATION BUILDING
- 2 CLASSROOM BUILDING 1
- 3 PHYSICAL EDUCATION BUILDING
- 4 HOME ECONOMICS BUILDING
- 5 CLASSROOM BUILDING 2/SCIENCE (TESTED BY OTHERS)

0 100 200
 SCALE IN FEET
 COORDINATE SYSTEM: NAD 1983
 STATE PLANE CALIFORNIA ZONE 5 FEET

FIGURE 11
 RADON SAMPLING LAYOUT MAP
 SAN PEDRO HIGH SCHOOL
 1001 15TH STREET
 SAN PEDRO, CALIFORNIA 90031

REQUESTED BY:	TS	 Creative thinking. Custom solutions. 800.588.7962 www.ensafe.com
DRAWN BY:	CC	
DATE:	03/30/2017	
PROJECT:	0888820335	

Tables

Table 1
Summary of Arsenic and Lead in Soil Samples
Test Method EPA 6010B
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Title 22 Metals (mg/kg)	
				Arsenic	Lead
				7440-38-2	7439-92-1
AA-244 (Portable)					
SB1	SB1-00	0	08/01/2016	14	10
	SB1-12	12	08/01/2016	28	NA
	SB1-24	24	08/01/2016	4.7	NA
	SB1-5N-00	0	09/25/2016	15	NA
	SB1-5N-12	12	09/25/2016	10	NA
	SB1-10N-00	0	09/25/2016	9.0	NA
	SB1-5S-00	0	09/25/2016	7.5	NA
	SB1-5S-12	12	09/25/2016	10	NA
	SB1-5W-00	0	09/25/2016	10	NA
	SB1-5W-12	12	09/25/2016	7.3	NA
SB2	SB2-00	0	08/03/2016	12	59
	SB2-12	12	08/03/2016	8.1	NA
	SB2-5E-00	0	10/01/2016	6.1	NA
	SB2-5N-00	0	10/01/2016	8.7	NA
	SB2-5W-00	0	10/01/2016	3.3	NA
SB3	SB3-00	0	08/03/2016	11	110
	SB3-12	12	08/03/2016	NA	7.9
	SB3-5S-00	0	10/01/2016	NA	66
SB4	SB4-00	0	08/02/2016	26	4.4
	SB4-5E-00	0	09/25/2016	14	NA
	SB4-5E-12	12	09/25/2016	20	NA
	SB4-5E-24	24	09/25/2016	20	NA
	SB4-10E-00	0	09/25/2016	7.5	NA
	SB4-10E-12	12	09/25/2016	13	NA
	SB4-10E-24	24	09/25/2016	21	NA
	SB4-5S-00	0	09/25/2016	11	NA
	SB4-5W-00	0	09/25/2016	9.6	NA
AA-347 (Portable)					
SB5	SB5-00	0	08/02/2016	9.2	5.9
SB6	SB6-00	0	08/02/2016	12	4.2
	SB6-12	12	08/02/2016	9.0	NA
	SB6-5E-00	0	09/25/2016	14	NA
	SB6-5E-12	12	09/25/2016	14	NA
	SB6-5E-24	24	09/25/2016	15	NA
	SB6-10E-00	0	09/25/2016	15	NA
	SB6-15E-00	0	03/25/2017	6.8	NA
	D32517-DUP1	0	03/25/2017	6.3	NA
	SB6-15E-12	12	03/25/2017	13	NA
	SB6-15E-24	24	03/25/2017	10	NA
	SB6-20E-00	0	03/25/2017	10	NA
	SB6-20E-12	12	03/25/2017	14	NA
	SB6-5N-00	0	09/25/2016	12	NA
	SB6-5W-00	0	09/25/2016	7.0	NA
	SB7-00	0	08/03/2016	12	94
	SB7-12	12	08/03/2016	8.9	15
	SB7-5E-00	0	10/01/2016	12	5.8

Table 1
Summary of Arsenic and Lead in Soil Samples
Test Method EPA 6010B
San Pedro High School
1001 W. 15th St., San Pedro, CA

SB7	SB7-5S-00	0	10/01/2016	9.3	250
	SB7-5S-12	12	10/01/2016	NA	110
	SB7-5S-24	24	10/01/2016	NA	13
	SB7-5W-00	0	10/01/2016	12	220
	SB7-5W-12	12	10/01/2016	NA	7.2
	SB7-10W-00	0	10/01/2016	NA	13
SB8	SB8-00	0	08/03/2016	18	11
	SB8-12	12	08/03/2016	10	NA
	SB8-5N-00	0	10/01/2016	16	NA
	SB8-5N-12	12	10/01/2016	16	NA
	SB8-5S-00	0	10/01/2016	17	NA
	SB8-5S-12	12	10/01/2016	17	NA
	SB8-10S-00	0	10/01/2016	16	NA
AA-2384 (Portable)					
SB9	SB9-00	0	08/02/2016	12	170
	SB9-12	12	08/02/2016	11	7.4
	SB9-5E-00	0	10/02/2016	11	31
	SB9-5N-00	0	10/02/2016	11	28
	SB9-5W-00	0	10/02/2016	7.5	44
SB10	SB10-00	0	08/03/2016	11	7.6
SB11	SB11-00	0	08/03/2016	20	26
	SB11-12	12	08/03/2016	17	NA
	SB11-24	24	08/03/2016	13	NA
	SB11-5E-00	0	10/01/2016	25	NA
	SB11-5E-12	12	10/01/2016	19	NA
	SB11-5E-24	24	10/01/2016	18	NA
	SB11-10E-00	0	10/01/2016	10	NA
	SB11-5S-00	0	10/01/2016	5.4	NA
	SB11-5S-12	12	10/01/2016	25	NA
	SB11-5S-24	24	10/01/2016	16	NA
	SB11-10S-00	0	10/01/2016	11	NA
	SB11-5W-00	0	10/01/2016	11	NA
	SB11-5W-12	12	10/01/2016	20	NA
	SB11-5W-24	24	10/01/2016	20	NA
	SB11-10W-00	0	10/01/2016	18	NA
	DUP3A-100116	0	10/01/2016	11	NA
	SB11-10W-12	12	10/01/2016	15	NA
	SB11-10W-24	24	10/01/2016	17	NA
SB12	SB12-00	0	08/03/2016	8.4	9.9
AA-2383 (Portable)					
SB13	SB13-00	0	08/02/2016	5.7	46
SB14	SB14-00	0	08/03/2016	12	8.1
	SB14-5E-00	0	10/02/2016	12	NA
	SB14-5E-00	0	10/02/2016	12	NA
	SB14-5N-00	0	10/02/2016	12	NA
	SB14-5S-00	0	10/02/2016	11	NA
SB15	SB15-00	0	08/03/2016	12	15
	SB15-12	12	08/03/2016	9.9	NA
	SB15-5E-00	0	10/01/2016	12	NA
	SB15-5S-00	0	10/01/2016	12	NA
	SB15-5W-00	0	10/01/2016	26	NA

Table 1
Summary of Arsenic and Lead in Soil Samples
Test Method EPA 6010B
San Pedro High School
1001 W. 15th St., San Pedro, CA

	SB15-5W-12	12	10/01/2016	16	NA
	SB15-5W-24	24	10/01/2016	12	NA
	SB15-10W-00	0	10/01/2016	13	NA
SB16	SB16-00	0	08/03/2016	9.2	14
Lunch Shelter					
SB17	SB17-00	0	08/03/2016	11	110
	SB17-12	12	08/03/2016	NA	4.6
	SB17-5N-00	0	10/01/2016	NA	17
	SB17-5E-00	0	10/01/2016	NA	5.6
	SB17-5W-00	0	10/01/2016	NA	40
SB18	SB18-00	0	08/03/2016	12	13
	SB18-12	12	08/03/2016	5.2	NA
	SB18-5E-00	0	10/02/2016	18	NA
	SB18-5E-12	12	10/02/2016	6.3	NA
	SB18-5N-00	0	10/02/2016	9.9	NA
	SB18-5S-00	0	10/02/2016	7.7	NA
SB19	SB19-00	0	08/03/2016	15	5.5
	SB19-12	12	08/03/2016	7.5	NA
	SB19-5E-00	0	10/01/2016	14	NA
	SB19-5E-12	12	10/01/2016	12	NA
	SB19-10E-00	0	10/01/2016	15	NA
	SB19-10E-12	12	10/01/2016	11	NA
	SB19-15E-00	0	03/25/2017	10	NA
	D32517-DUP2	0	03/25/2017	7.6	NA
	SB19-15E-12	12	03/25/2017	13	NA
	SB19-15E-24	24	03/25/2017	8.1	NA
	SB19-20E-00	0	03/25/2017	7.4	NA
	SB19-20E-12	12	03/25/2017	8.5	NA
	SB19-20E-24	24	03/25/2017	7.8	NA
	SB19-5S-00	0	10/01/2016	ND (<2.0)	NA
	SB19-5W-00	0	10/01/2016	12	22
SB20	SB20-00	0	08/03/2016	8.7	23
Flammable Storage					
SB21	SB21-00	0	08/01/2016	9.3	9.4
SB22	SB22-00	0	08/01/2016	13	46
	SB22-12	12	08/01/2016	2.6	NA
SB23	SB23-00	0	08/01/2016	6.1	230
	SB23-12	12	08/01/2016	NA	5.5
	SB23-5E-00	0	09/25/2016	NA	3.3
	SB23-5S-00	0	09/25/2016	NA	110
	SB23-5S-12	12	09/25/2016	NA	10
	SB23-5W-00	0	09/25/2016	NA	4.0
SB24	SB24-00	0	08/01/2016	1.4	2.7
Unnamed Classroom					
	SB25-00	0	08/02/2016	20	78
	SB25-12	12	08/02/2016	17	NA
	SB25-24	24	08/02/2016	20	NA
	SB25-5E-00	0	09/24/2016	11	NA
	SB25-5E-12	12	09/24/2016	18	NA
	SB25-10E-00	0	09/24/2016	16	NA

Table 1
Summary of Arsenic and Lead in Soil Samples
Test Method EPA 6010B
San Pedro High School
1001 W. 15th St., San Pedro, CA

SB25	SB25-10E-12	12	09/24/2016	19	NA
	SB25-10E-24	24	09/24/2016	14	NA
	SB25-5W-00	0	09/24/2016	11	NA
	SB25-5W-12	12	09/24/2016	33	NA
	SB25-5W-24	24	09/24/2016	35	NA
	SB25-10W-00	0	09/24/2016	19	NA
	SB25-10W-12	12	09/24/2016	27	NA
	SB25-10W-24	24	09/24/2016	13	NA
SB26	SB26-00	0	08/02/2016	14	190
	SB26-12	12	08/02/2016	3.0	6.4
	SB26-5N-00	0	09/24/2016	16	100
	SB26-5N-12	12	09/24/2016	8.5	2.3
	SB26-10N-00	0	09/24/2016	16	51
	SB26-15N-00	0	03/25/2017	15	NA
	D32517-DUP3	0	03/25/2017	15	NA
	SB26-15N-12	12	03/25/2017	8.6	NA
	SB26-15N-24	24	03/25/2017	1.6	NA
	SB26-25N-00	0	03/25/2017	14	NA
	SB26-25N-12	12	03/25/2017	17	NA
	SB26-25N-24	24	03/25/2017	1.1	NA
	SB26-35N-00	0	03/25/2017	13	NA
	SB26-35N-12	12	03/25/2017	24	NA
	SB26-35N-24	24	03/25/2017	1.9	NA
	SB26-5S-00	0	09/24/2016	8.2	30
SB27	SB27-00	0	08/02/2016	45	10
	SB27-12	12	08/02/2016	30	NA
	SB27-24	24	08/02/2016	21	NA
	SB27-5E-00	0	09/24/2016	8.7	NA
	DUP2A-092416	0	09/24/2016	6.0	NA
	SB27-5E-12	12	09/24/2016	6.3	NA
	SB27-5E-24	24	09/24/2016	8.2	NA
	SB27-10S-00	0	09/24/2016	6.6	NA
	SB27-5W-00	0	09/24/2016	14	NA
	SB27-5W-12	12	09/24/2016	16	NA
	SB27-5W-24	24	09/24/2016	15	NA
SB28	SB27-10W-00	0	09/24/2016	8.4	NA
	SB27-10W-12	12	09/24/2016	8.9	NA
SB28	SB28-00	0	08/02/2016	8.0	60
BB-182 (Portable)					
SB29	SB29-00	0	08/01/2016	9.0	28
SB30	SB30-00	0	08/02/2016	5.0	44
SB31	SB31-00	0	08/02/2016	6.6	82
	SB31-12	12	08/02/2016	NA	23
	SB31-5E-00	0	09/24/2016	NA	130
	SB31-5E-12	12	09/24/2016	NA	5.8
	SB31-10E-00	0	09/24/2016	NA	46
	SB31-5S-00	0	09/24/2016	NA	14
SB32	SB31-5W-00	0	09/24/2016	NA	21
	SB32-00	0	08/01/2016	4.4	31
AA-2082 (Portable)					

Table 1
Summary of Arsenic and Lead in Soil Samples
Test Method EPA 6010B
San Pedro High School
1001 W. 15th St., San Pedro, CA

SB33	SB33-00	0	08/02/2016	7.0	5.6
SB34	SB34-00	0	08/01/2016	7.1	110
	SB34-12	12	08/01/2016	NA	13
	SB34-5N-00	0	09/24/2016	NA	77
	SB34-5E-00	0	09/24/2016	NA	26
	SB34-5S-00	0	09/24/2016	NA	200
	SB34-5S-12	12	09/24/2016	NA	17
	SB34-10S-00	0	09/24/2016	NA	150
	SB34-10S-12	12	09/24/2016	NA	92
	SB34-10S-24	24	09/24/2016	NA	15
	SB34-15S-00	0	03/25/2017	NA	140
	D32517-DUP4	0	03/25/2017	NA	120
	SB34-15S-12	12	03/25/2017	NA	6.7
	SB34-15S-24	24	03/25/2017	NA	40
SB35	SB35-00	0	08/01/2016	5.9	35
SB36	SB36-00	0	08/01/2016	0.75	190
	SB36-12	12	08/01/2016	NA	53
	SB36-5N-00	0	09/24/2016	NA	40
	SB36-5S-00	0	09/24/2016	NA	29
Shop					
SB37	SB37-00	0	08/01/2016	17	17
	SB37-12	12	08/01/2016	4.4	NA
	SB37-5E-00	0	10/01/2016	6.7	NA
	DUP1A-100116	0	10/01/2016	2.5	NA
	SB37-5S-00	0	10/01/2016	16	NA
	SB37-5S-12	12	10/01/2016	36	NA
	SB37-5S-24	0	10/01/2016	59	NA
	SB37-5W-00	0	10/01/2016	3.8	NA
SB38	SB38-00	0	08/02/2016	6.6	44
SB39	SB39-00	0	08/02/2016	4.7	21
SB40	SB40-00	0	08/02/2016	7.6	13
Unnamed Portable					
SB41	SB41-00	0	08/02/2016	12	13
	SB41-12	12	08/02/2016	8.0	NA
	SB41-5E-00	0	09/25/2016	14	NA
	SB41-5E-12	12	09/25/2016	11	NA
	SB41-10E-00	0	09/25/2016	15	NA
	SB41-10E-12	0	09/25/2016	9.9	NA
	SB41-15E-00	0	03/25/2017	11	NA
	SB41-15E-12	12	03/25/2017	7.0	NA
	SB41-15E-24	24	03/25/2017	7.7	NA
	SB41-20E-00	0	03/25/2017	6.8	NA
	SB41-20E-12	12	03/25/2017	7.1	NA
	SB41-20E-24	24	03/25/2017	6.8	NA
	SB41-5W-00	0	09/25/2016	9.9	NA
SB42	SB42-00	0	08/02/2016	3.9	4.0
SB43	SB43-00	0	08/02/2016	9.6	7.1
SB44	SB44-00	0	08/02/2016	17	11
	SB44-12	12	08/02/2016	8.2	NA
	SB44-5N-00	0	09/25/2016	14	NA

Table 1
Summary of Arsenic and Lead in Soil Samples
Test Method EPA 6010B
San Pedro High School
1001 W. 15th St., San Pedro, CA

SB44	SB44-5N-12	12	09/25/2016	8.5	NA
	SB44-10N-00	0	09/25/2016	11	NA
	SB44-5S-00	0	09/25/2016	12	NA
Industrial Arts					
SB45	SB45-00	0	08/02/2016	4.3	4.9
SB46	SB46-00	0	08/02/2016	23	180
	SB46-12	12	08/02/2016	7.2	80
	SB46-24	24	08/02/2016	NA	5.6
	SB46-5N-00	0	09/25/2016	12	24
	SB46-5N-12	12	09/25/2016	NA	7.8
	SB46-5E-00	0	09/25/2016	4.7	7.8
	DUP4A-092516	0	09/25/2016	5.1	NA
	SB46-5E-12	12	09/25/2016	NA	6.5
	SB46-5S-00	0	09/25/2016	9.9	19
	SB46-5S-12	12	09/25/2016	NA	110
	SB46-5S-24	24	09/25/2016	NA	6.2
	SB46-10S-00	0	09/25/2016	NA	79
SB47	SB47-00	0	08/02/2016	16	4.9
	SB47-12	12	08/02/2016	11	NA
	SB47-5E-00	0	10/02/2016	16	NA
	SB47-5E-12	12	10/02/2016	12	NA
	SB47-10E-00	0	09/25/2016	12	NA
	SB47-5S-00	0	10/02/2016	20	NA
	SB47-5S-12	12	10/02/2016	13	NA
	SB47-5S-24	24	10/02/2016	9.5	NA
	SB47-5W-00	0	10/02/2016	9.5	NA
SB48	DUP5A-100216	0	10/02/2016	9.5	NA
	SB48-00	0	08/02/2016	5.9	20
	SB48-12	12	08/02/2016	5.7	8.7
	SB48-24	24	08/02/2016	6.1	12
	SB48-48	48	08/02/2016	5.1	4.1
SB49	SB48-96	96	08/02/2016	3.9	2.0
	SB49-48	48	08/02/2016	NA	NA
	SB49-96	96	08/02/2016	6.5	3.3
DTSC Residential SL - Noncancer Endpoint				NA	80.00
DTSC Upper Bound Estimate (95th percentile) Background				12.00	-

Notes:

mg/kg - milligrams per kilogram

bgs - below ground surface

ND (<X) - denotes result was below the detection limit of X mg/kg

NA - denotes sample not analyzed

DUP - field duplicate

Red numbers indicate sample results above the health screening level.

1001 W. 15th St., San Pedro, CA

Notes:
mg/kg - milligrams per kilogram
bgs - below ground surface
ND (<X) - denotes result was below the detection limit of X μ g/kg
NA - denotes sample not analyzed
DUP - field duplicate
Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level

Table 2
Summary of Organochlorine Pesticides in Soil Samples
Test Method EPA 8081A
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Heptachlor	Heptachlor Epoxide	Methoxychlor	Toxaphene
				76-44-8	1024-57-3	72-43-5	8001-35-2
SB1	SB1-00	0	08/01/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB2	SB2-00	0	08/03/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB3	SB3-00	0	08/03/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
SB4	SB4-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB5	SB5-00	0	08/02/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB6	SB6-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB7	SB7-00	0	08/03/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB8	SB8-00	0	08/03/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB9	SB9-00	0	08/02/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB10	SB10-00	0	08/03/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB11	SB11-00	0	08/03/2016	ND (<0.0095)	ND (<0.0095)	ND (<0.0095)	ND (<0.95)
SB12	SB12-00	0	08/03/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB13	SB13-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB14	SB14-00	0	08/03/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
SB15	SB15-00	0	08/03/2016	ND (<0.042)	ND (<0.042)	ND (<0.042)	ND (<4.2)
SB16	SB16-00	0	08/03/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
SB17	SB17-00	0	08/03/2016	ND (<0.083)	ND (<0.083)	ND (<0.083)	ND (<8.3)
SB18	SB18-00	0	08/03/2016	ND (<0.0097)	ND (<0.0097)	ND (<0.0097)	ND (<0.97)
SB19	SB19-00	0	08/03/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
SB20	SB20-00	0	08/03/2016	ND (<0.079)	ND (<0.079)	ND (<0.079)	ND (<7.9)
SB21	SB21-00	0	08/01/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
SB22	SB22-00	0	08/01/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB23	SB23-00	0	08/01/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
SB24	SB24-00	0	08/01/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
SB25	SB25-00	0	08/02/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB25-12	12	08/02/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB25-5E-00	0	09/24/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
	SB25-5E-12	12	09/24/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB25-10E-00	0	09/24/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB25-10E-12	12	09/24/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB25-5W-00	0	09/24/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB26-00	0	08/02/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
SB26	SB26-12	12	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB26-5N-00	0	09/24/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB26-5S-00	0	09/24/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	DUP1A-092416	-	09/24/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB27	SB27-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB28	SB28-00	0	08/02/2016	ND (<0.0083)	ND (<0.0083)	ND (<0.0083)	ND (<0.83)
SB29	SB29-00	0	08/01/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB30	SB29-12	12	08/01/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB30-00	0	08/02/2016	ND (<0.039)	ND (<0.039)	ND (<0.039)	ND (<3.9)
	SB30-12	12	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
	SB30-5N-00	0	09/24/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
	SB30-5E-00	0	09/24/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB30-5S-00	0	09/24/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
SB31	SB31-00	0	08/02/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB31-12	12	08/02/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB31-5E-00	0	09/24/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB31-5E-12	12	09/24/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB31-10E-00	0	09/24/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB31-5S-00	0	09/24/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB31-5W-00	0	09/24/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
SB32	SB32-00	0	08/01/2016	ND (<0.00050)	0.0011	ND (<0.00050)	ND (<0.050)
SB33	SB33-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB34	SB34-00	0	08/01/2016	ND (<0.0010)	0.0020	ND (<0.0010)	ND (<0.10)
SB35	SB35-00	0	08/01/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB36	SB36-00	0	08/01/2016	ND (<0.0028)	ND (<0.0028)	ND (<0.0028)	ND (<0.28)
	SB36-12	12	08/01/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB36-5N-00	0	09/24/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB36-5S-00	0	09/24/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB37	SB37-00	0	08/01/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB38	SB38-00	0	08/02/2016	ND (<0.0010)	0.0031	ND (<0.0010)	ND (<0.10)
SB39	SB39-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB40	SB40-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB41	SB41-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB42	SB42-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB43	SB43-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB44	SB44-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB45	SB45-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB46-00	0	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
	SB46-12	12	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB46-5N-00	0	09/25/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	SB46-5E-00	0	09/25/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
	DUP4A-092516	-	09/25/2016	ND (<0.0010)	ND (<0.0010)	ND (<0.0010)	ND (<0.10)
SB47	SB46-5S-00	0	09/25/2016	ND (<0.0025)	ND (<0.0025)	ND (<0.0025)	ND (<0.25)
	SB47-00	0	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB48-00	0	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.50)
	SB48-12	12	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB48-24	24	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
SB48	SB48-48	48	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
	SB48-96	96	08/02/2016	ND (<0.00050)	ND (<0.00050)	ND (<0.00050)	ND (<0.050)
DTSC Residential SL - Cancer Endpoint				-	-	-	-
DTSC Residential SL - Noncancer Endpoint				-	-	-	-
Residential Region 9 RSL				0.13	0.07	320.00	0.49

Notes:
mg/kg - milligrams per kilogram
bgs - below ground surface
ND (<X) - denotes result was below the detection limit of X µg/kg
NA - denotes sample not analyzed
DUP - field duplicate
Region 9 RSL - Environmental Protection Agency (EPA) Regional Scree

Table 3
Summary of Polychlorinated Biphenyls (PCBs-Aroclors) in Soil Samples
Test Method EPA 8082
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Compounds (mg/kg)								Total PCB's (Summation)
				Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260		
				12674-11-2	11104-28-2	11141-16-5	53469-21-9	12672-29-6	11097-69-1	11096-82-5		
SB10	SB10-00	0	08/03/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
SB20	SB20-00	0	08/03/2016	ND (<0.16)	ND (<0.16)	ND (<0.16)	ND (<0.16)	ND (<0.16)	ND (<0.16)	ND (<0.16)	ND (<0.16)	
SB30	SB30-00	0	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
SB40	SB40-00	0	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
SB48	SB48-00	0	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
	SB48-12	12	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
	SB48-24	24	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
	SB48-48	48	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
	SB48-96	96	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
SB49	SB49-48	48	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
	SB49-96	96	08/02/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
SB50	SB50-00	0	08/03/2016	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	ND (<0.010)	
Residential Region 9 RSL				4.10	0.20	0.17	0.23	0.23	0.24	0.24	0.23	

Notes:

mg/kg - milligrams per kilogram

bgs - below ground surface

PCB - polychlorinated biphenyls

ND (<X) - denotes result was below the detection limit of X mg/kg

NA - denotes sample not analyzed

DUP - field duplicate

CHHSL - California Office of Environmental Health Hazard Assessment (OEHHA) Screening Level

Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level

Table 4
Summary of Total Petroleum Hydrocarbons in Soil Samples
Test Method EPA 8015B (M)
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Total Petroleum Hydrocarbons (mg/kg)		
				TPH - Gasoline	TPH - Diesel (FFP)	TPH - Motor Oil
Industrial Arts						
SB48	SB48-00	0	08/02/2016	ND (<20)	ND (<10)	40
	SB48-12	12	08/02/2016	ND (<20)	ND (<10)	17
	SB48-24	24	08/02/2016	ND (<20)	ND (<10)	ND (<20)
	SB48-48	48	08/02/2016	ND (<20)	ND (<10)	15
	SB48-96	96	08/02/2016	ND (<20)	ND (<10)	ND (<20)
SB49	SB49-48	48	08/02/2016	ND (<20)	ND (<10)	ND (<20)
	SB49-96	96	08/02/2016	ND (<20)	ND (<10)	ND (<20)
Residential Region 9 RSL(Aliphatic)				520.00	96.00	230000.00
Residential Region 9 RSL(Aromatic)				82.00	110.00	2500.00

Notes:

mg/kg - milligrams per kilogram

bgs - below ground surface

ND (<X) - denotes result was below the detection limit of X mg/kg

Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level

Table 5
Summary of Volatile Organic Compounds in Soil Samples
Test Method EPA 8260B
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-Trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-Chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene
				630-20-6	71-55-6	79-34-5	76-13-1	79-00-5	75-34-3	75-35-4	563-58-6	87-61-6	96-18-4	120-82-1	95-63-6	96-12-8	106-93-4	95-50-1
SB48	SB48-00	0	08/02/2016	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)
	SB48-12	12	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB48-24	24	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB48-48	48	08/02/2016	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)
	SB48-96	96	08/02/2016	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)
SB49	SB49-48	48	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB49-96	96	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
DTSC Residential SL - Cancer Endpoint				2.00	--	0.61	-	-	3.60	-	-	--	0.00	-	-	-	0.04	-
Residential Region 9 RSL				2.00	8100.00	0.60	40000.00	1.10	3.60	230.00	-	63.00	0.01	24.00	58.00	0.01	0.04	1800.00

Notes:
µg/kg - micrograms per kilogram
bgs - below ground surface
ND (<X) - denotes result was below the detection limit of X µg/kg
NA - denotes sample not analyzed
DUP - field duplicate
CHHSL - California Office of Environmental Health Hazard Assessment (OEHHA) Screening Level
Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level



Table 5
Summary of Volatile Organic Compounds in Soil Samples
Test Method EPA 8260B
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Volatile Organic Compounds														
				1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2-Dichloropropane	2-Chlorotoluene	4-Chlorotoluene	Benzene	Bromobenzene	Bromochloromethane	Bromodichloromethane	Bromoform	Bromomethane
				107-06-2	78-87-5	108-67-8	541-73-1	142-28-9	106-46-7	594-20-7	95-49-8	106-43-4	71-43-2	108-86-1	74-97-5	75-27-4	75-25-2	74-83-9
SB48	SB48-00	0	08/02/2016	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)
	SB48-12	12	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB48-24	24	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB48-48	48	08/02/2016	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)
	SB48-96	96	08/02/2016	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)
SB49	SB49-48	48	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB49-96	96	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
DTSC Residential SL - Cancer Endpoint				-	-	--	--	--	-	-	--	--	0.33	-	-	0.30	20.00	-
Residential Region 9 RSL				0.46	1.00	780.00	-	1600.00	2.60	-	1600.00	1600.00	1.20	290.00	150.00	0.29	19.00	6.80

Notes:

µg/kg - micrograms per kilogram

bgs - below ground surface

ND (<X) - denotes result was below the detection limit of X µg/kg

NA - denotes sample not analyzed

DUP - field duplicate

CHHSL - California Office of Environmental Health Hazard Assessment (OEHHA) Screening Level

Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level



Table 5
Summary of Volatile Organic Compounds in Soil Samples
Test Method EPA 8260B
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Volatile Organic Compounds (µg/kg)														
				c-1,2-Dichloroethene	c-1,3-Dichloropropene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	Dibromochloromethane	Dibromomethane	Dichlorodifluoromethane	Ethylbenzene	Hexachloro-1,3-Butadiene	Isopropylbenzene	Methylene Chloride	Methyl-t-Butyl Ether (MTBE)
				156-59-2	10061-01-5	56-23-5	108-90-7	75-00-3	67-66-3	74-87-3	124-48-1	74-95-3	75-71-8	100-41-4	87-68-3	98-82-8	75-09-2	1634-04-4
SB48	SB48-00	0	08/02/2016	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0089)	ND (<0.0045)
	SB48-12	12	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.010)	ND (<0.0050)
	SB48-24	24	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.010)	ND (<0.0050)
	SB48-48	48	08/02/2016	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0083)	ND (<0.0041)
	SB48-96	96	08/02/2016	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0085)	ND (<0.0043)
SB49	SB49-48	48	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.010)	ND (<0.0050)
	SB49-96	96	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.010)	ND (<0.0050)
DTSC Residential SL - Cancer Endpoint				--	-	0.10	-	-	-	-	0.95	-	-	-	1.20	-	1.90	-
Residential Region 9 RSL				160.00	-	0.65	280.00	14000.00	0.32	110.00	8.30	24.00	87.00	5.80	1.20	1900.00	57.00	47.00

Notes:

µg/kg - micrograms per kilogram

bgs - below ground surface

ND (<X) - denotes result was below the detection limit of X µg/kg

NA - denotes sample not analyzed

DUP - field duplicate

CHHSL - California Office of Environmental Health Hazard Assessment (OEHHA) Screening Level

Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level



Table 5
Summary of Volatile Organic Compounds in Soil Samples
Test Method EPA 8260B
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Napthalene	n-Butylbenzene	n-Propylbenzene	o-Xylene	p/m-Xylene	p-Isopropyltoluene	sec-Butylbenzene	Styrene	t-1,2-Dichloroethene	t-1,3-Dichloropropene	tert-Butylbenzene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane
				91-20-3	104-51-8	103-65-1	95-47-6	179601-23-1	99-87-6	135-98-8	100-42-5	156-60-5	10061-02-6	98-06-6	127-18-4	108-88-3	79-01-6	75-69-4
SB48	SB48-00	0	08/02/2016	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)	ND (<0.0045)
	SB48-12	12	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB48-24	24	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB48-48	48	08/02/2016	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)	ND (<0.0041)
	SB48-96	96	08/02/2016	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)	ND (<0.0043)
SB49	SB49-48	48	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
	SB49-96	96	08/02/2016	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)	ND (<0.0050)
DTSC Residential SL - Cancer Endpoint				-	--	-	-	-	-	--	-	--	-	--	0.60	--	-	--
Residential Region 9 RSL				3.80	3900.00	3800.00	650.00	-	-	7800.00	6000.00	1600.00	-	7800.00	24.00	4900.00	0.94	23000.00

Notes:
µg/kg - micrograms per kilogram
bgs - below ground surface
ND (<X) - denotes result was below the detection limit of X µg/kg
NA - denotes sample not analyzed
DUP - field duplicate
CHHSL - California Office of Environmental Health Hazard Assessment (OEHHA) Screening Level
Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level



Table 5
Summary of Volatile Organic Compounds in Soil Samples
Test Method EPA 8260B
San Pedro High School
1001 W. 15th St., San Pedro, CA

Location	Field Sample ID	Depth (feet bgs)	Date	Vinyl Chloride
				75-01-4
SB48	SB48-00	0	08/02/2016	ND (<0.0045)
	SB48-12	12	08/02/2016	ND (<0.0050)
	SB48-24	24	08/02/2016	ND (<0.0050)
	SB48-48	48	08/02/2016	ND (<0.0041)
	SB48-96	96	08/02/2016	ND (<0.0043)
SB49	SB49-48	48	08/02/2016	ND (<0.0050)
	SB49-96	96	08/02/2016	ND (<0.0050)
DTSC Residential SL - Cancer Endpoint				0.01
Residential Region 9 RSL				0.06

Notes:
µg/kg - micrograms per kilogram
bgs - below ground surface
ND (<X) - denotes result was below the detection limit of X µg/kg
NA - denotes sample not analyzed
DUP - field duplicate
CHHSL - California Office of Environmental Health Hazard Assessment (OEHHA) Screening Level
Region 9 RSL - Environmental Protection Agency (EPA) Regional Screening Level

Appendix A
CSC Preliminary Environmental Assessment Equivalent Work Plan



CLARK SEIF CLARK, INC.
HEALTH & SAFETY • ENGINEERING • ENVIRONMENTAL

June 22, 2016

Dane Robinson, P.G.
Site Assessment Project Manager
Contract Professional
Office of Environmental Health and Safety
Los Angeles Unified School District
333 South Beaudry Avenue, 21st Floor
Los Angeles, CA 90017

**Re: Work Authorization No. E-308102-2CSC
PEA Equivalent Workplan
Soil and Radon Sampling (Task 2)
San Pedro High School
1001 West 15th Street
San Pedro, CA 90731**

Dear Mr. Robinson:

Enclosed for your final review are the two Tables and a figure showing proposed soil sampling locations. The analyses and a brief description of the sampling locations are provided in the tables.

Please let me know if you have any questions or comments.

Sincerely,

Jeffrey L. Bannon, P.G.
Vice President, Environmental Services

Enclosures: Table 1– Soil Sampling & Analysis Plan; Table 2: Radon Sampling Plan; and, Figure 1 – Site Map with Proposed Soil Sample Locations

[illegible]

**Table 2: Radon Sampling Plan
San Pedro High School
1001 West 15th Street
San Pedro, CA 90731**

Building Description	Ground Floor Square Footage	Ground Floor Usage	Sampling Required
Two-Story Administration Building Constructed in 1937	19,500	1 Photography Classroom	Yes
		1 Photography Laboratory	Yes
		1 Ceramics Classroom	Yes
		1 File Storage Room	Yes
		1 Boiler Room	No
		1 Electrical Equipment Vault Room	Maybe ¹
		Unfinished, No Access Space (~10,000 ft ²)	Maybe ¹
Two Story Home Economics Building Constructed in 1937	8,125	1 Faculty Dining Room	Yes
		1 Student Cafeteria and Study Hall	Yes
		1 Kitchen	Yes
		Crawl Space	No
Two Story Classroom Building #1 Constructed in 1939	15,600	12 Classrooms	Yes
		Boys Restroom	No
		Girls Restroom	No
Single Story Physical Education Building Constructed in 1938	20,850	1 Basketball Court and Seating	Yes
		1 Dance Room	Yes
		2 Small Faculty Offices	Yes
		2 Small Waiting Rooms	Yes
		2 Locker Rooms	Yes
		2 Shower Rooms	Maybe ¹
		1 Equipment Storage Room	Yes
		No Crawl Space	No

Note 1: Contingency Sampling Locations: 4 if space will be re-purposed for occupancy

Total Sampling Locations: 28

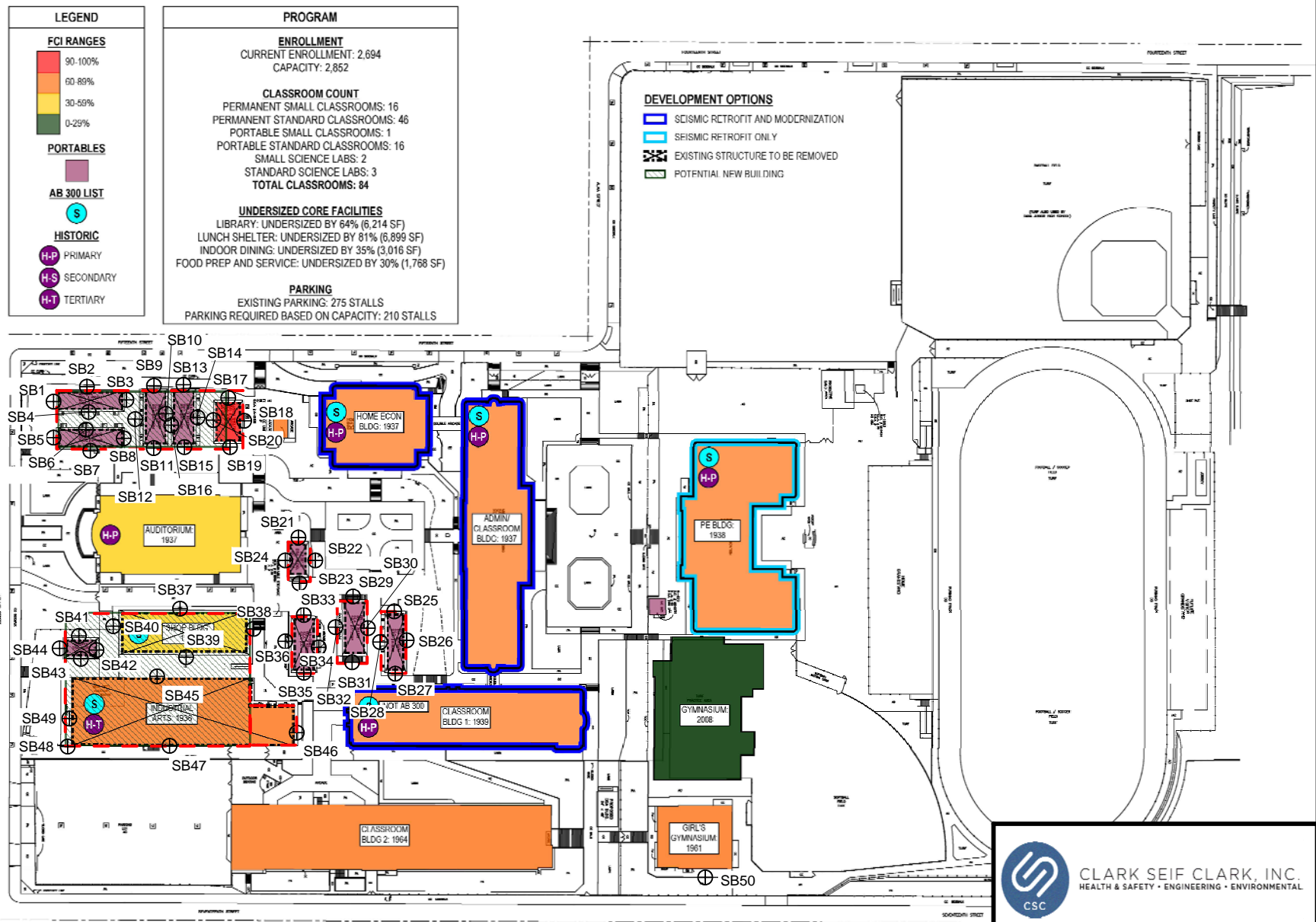
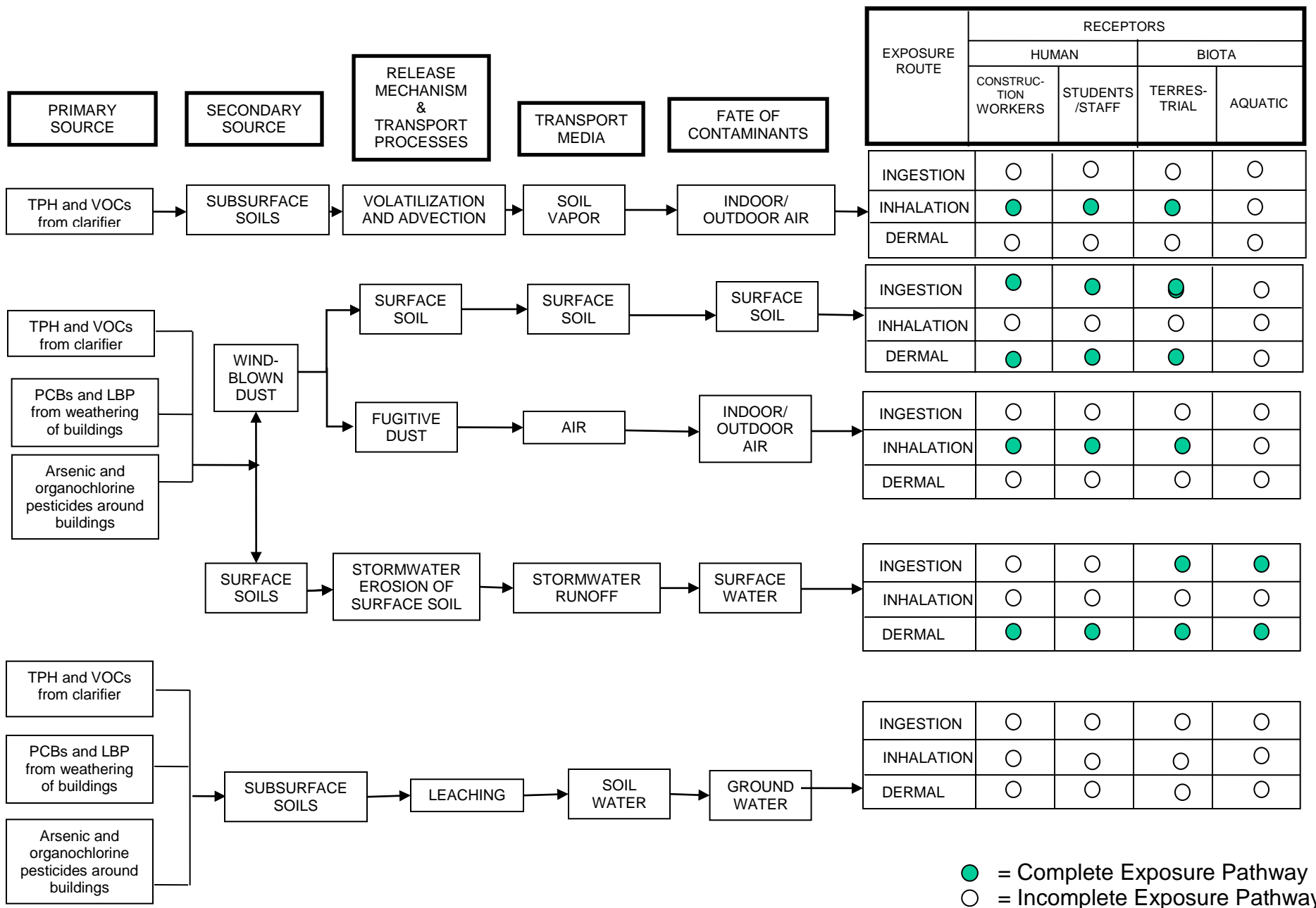


Figure 1 - Site Map

San Pedro High School
1001 West 15th Street, San Pedro

Appendix B
Conceptual Site Model Figure and Evaluation of Exposure Pathways Table



CONCEPTUAL SITE MODEL

FIGURE

B-1

CHECKED BY: TLS

Appendix B

PROJECT NO. 0888820335

DATE: May 2017

Appendix C
Waste Manifests

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number

NOT REQUIRED

2. Page 1 of

1

3. Emergency Response Phone

888-423-6060

4. Waste Tracking Number

0530320

5. Generator's Name and Mailing Address

Los Angeles Unified School District
333 S. Beaudry Ave., 21st Floor, Los Angeles, CA 90017

Generator's Phone:

213-241-3199

Generator's Site Address (if different than mailing address)

San Pedro High School
1001 W. 15th Street
San Pedro, CA 90731

6. Transporter 1 Company Name

American Integrated Services, Inc.

U.S. EPA ID Number

CAR000148338

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Crosby & Overton, Inc.
1630 W. 17th Street, Long Beach, CA 90813
562-432-5445

U.S. EPA ID Number

CAD028409019

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total
Quantity12. Unit
Wt./Vol.

No.

Type

1.
Non-Hazardous Waste, Liquid (Dacon Water)

1

DM

55 g

2.

3.

4.

13. Special Handling Instructions and Additional Information

Wear proper PPE while handling. Weight or volumes are approximate.

Profile #: 27678

Project #: 38293

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

15. International Shipments

☐ Import to U.S.☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

☐ Quantity☐ Type☐ Residue☐ Partial Rejection☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month D

Manifest

SOIL SAFE OF CA - TPST Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Transporter	Transport Truck #:	Facility #: A07	Approval Number: 46942	Load #: 01011
Generator's Name and Billing Address: Los Angeles Unified School District 333 S. Beaudry Ave., 21st Floor Los Angeles, CA 90017		Generator's Phone #:		Person to Contact:	
		FAX#:		Customer Account Number	
Consultant's Name and Billing Address:		Consultant's Phone #:		Person to Contact:	
		FAX#:		Customer Account Number	
Generation Site (Transport from): (name & address) San Pedro High School 1001 W. 15th Street San Pedro, CA 90731		Site Phone #:		Person to Contact:	
		FAX#:			
Designated Facility (Transport to): (name & address) Soil Safe 12328 Hibiscus Rd. Adelanto, California 92301-1700		Facility Phone #: (800) 862-8001		Person to Contact: Joe Provansal	
		FAX#: (760) 246-8004			
Transporter Name and Mailing Address: American Integrated Services, Inc. P.O. Box 92316 Long Beach, CA 90809-2316		Transporter's Phone #: (310) 522-1169		CAR000148338	
		Person to Contact: John Farmer		FAX#: (310) 522-0474	
				Customer Account Number 7704908	

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input checked="" type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>	3	SOIL			
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above:
AIS Project # 36283

Scale Ticket #

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐
Dane T. Robinson for
Signature and date: [Signature] Month: 2 Day: 17 Year: 17

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Eddo CALDERON
Signature and date: [Signature] Month: 2 Day: 17 Year: 17

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: J. Provansal
Signature and date:

Please print or type.

GENERATOR/CONSULTANTS COPY



62000

P.O. BOX 92316 LONG BEACH, CA. 90809
Office 310-522-1168 Fax 310-522-1182
24 Hour Emergency Hotline 888-423-6060

TRANSPORTATION WORK ORDER

CUSTOMER NAME: <u>E2MANAGE TECH</u>		JOB # <u>36293</u>	DATE: <u>2-17-17</u>
JOBSITE: <u>SAN PEDRO HIGH SCHOOL</u>		CONTACT:	
ADDRESS: <u>1004 W. 15TH ST.</u>		CUSTOMER P.O.:	
CITY: <u>SAN PEDRO, CA 90732</u>			
EQUIPMENT:		Manifest# :	Disposal Location:
<input type="checkbox"/> LOWBOY <input type="checkbox"/> ROLL - OFF <input type="checkbox"/> BOX VAN <input type="checkbox"/> VAC TRUCK <input type="checkbox"/> STAKE BED <input type="checkbox"/> _____		TRUCK # <u>521</u> TRAILER # _____ <u>0530320</u> <u>46942</u>	<u>CROSBY & OVERTON</u>
Bin #:	Pickup / Deliver ✓	Return / Destination ✓	BIN LINERS: <input type="checkbox"/> USED ___ How many <input type="checkbox"/> NOT USED
			Tarps: <input type="checkbox"/> Yes <input type="checkbox"/> No
On Site	DESCRIPTION		
Start Stop			
	<u>P/U 3 DRUMS NON-HAZ-WASTE (SOLIDS)</u>		
	<u>P/U 1 DRUM NON-HAZ-WASTE (LIQUID)</u>		
	<u>FOR DISPOSAL</u>		
REPORTING TIME	ENDING TIME	TOTAL TIME	DEDUCTIBLE TIME
			NET TIME

X

DRIVER

X

CUSTOMER SIGNATURE

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NOT REQUIRED	2. Page 1 of 1	3. Emergency Response Phone 888-423-6080	4. Waste Tracking Number 0533732	
5. Generator's Name and Mailing Address Long Beach Unified School District 333 S. Beaudry Ave., 21st Floor, Los Angeles, CA 90017			Generator's Site Address (if different than mailing address) San Pedro High School 1601 W. 15th Street San Pedro, CA 90731			
Generator's Phone: 213-241-3199						
6. Transporter 1 Company Name American Integrated Services, Inc.			U.S. EPA ID Number CAR000148338			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address Crosby & O'Brien, Inc. 1630 W. 17th Street, Long Beach, CA 90813 562-432-5445			U.S. EPA ID Number CAD026409019			
Facility's Phone:						
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
		No.	Type			
1. Non-Hazardous Waste, Liquid		1	DM	10	g	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information Wear proper PPE while handling. Weight or volumes are approximate. Profilas: 27678 Project #: 36293						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offoror's Printed/Typed Name David T. Robinson		Signature <i>[Signature]</i>			Month 05	Day 16
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			Year 17	
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Ben Burgos		Signature <i>[Signature]</i>			Month 5	Day 15
Transporter 2 Printed/Typed Name		Signature			Year 17	
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator) Month Day Year						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name		Signature			Month	Day Year

Manifest

SOIL SAFE OF CA - TPST Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: <i>Transportation</i>	Transport Truck #:	Facility #: <i>ALA</i>	Approval Number: 46942	Load #: <i>01012</i>				
Generator's Name and Billing Address: Los Angeles Unified School District 333 S. Beaudry Ave., 21st Floor Los Angeles, CA 90017			Generator's Phone #:						
			Person to Contact:						
			FAX#:		Customer Account Number				
Consultant's Name and Billing Address:			Consultant's Phone #:						
			Person to Contact:						
			FAX#:		Customer Account Number				
Generation Site (Transport from): (name & address) San Pedro High School 1001 W. 15th Street San Pedro, CA 90731			Site Phone #:						
			Person to Contact:						
			FAX#:						
Designated Facility (Transport to): (name & address) Soil Safe 12328 Hibiscus Rd. Adelanto, California 92301-1700			Facility Phone #: (800) 862-8001						
			Person to Contact: Jon Provansal						
			FAX#: (760) 246-8004						
Transporter Name and Mailing Address: American Integrated Services, Inc. P.O. Box 92316 Long Beach, CA 90809-2316			Transporter's Phone #: (310) 522-1106		CAR000148338				
			Person to Contact: John Farmer						
			FAX#: (310) 522-0474		Customer Account Number 7704608				
Description of Soil		Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight	
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>	1						
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>							
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>							
Sand <input type="checkbox"/> Organic <input type="checkbox"/>	0 - 10% <input type="checkbox"/>	Gas <input type="checkbox"/>							
Clay <input type="checkbox"/> Other <input type="checkbox"/>	10 - 20% <input type="checkbox"/>	Diesel <input type="checkbox"/>							
	20% - over <input type="checkbox"/>	Other <input type="checkbox"/>							
List any exception to items listed above: ALS Project # 38263					Scale Ticket #				
Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.									
Print or Type Name: Generator <input type="checkbox"/> Consultant <input type="checkbox"/>			Signature and date:			Month Day Year			
<i>Dane Robinson For LAUSD</i>			<i>Dane Robinson</i>			<i>05 15 17</i>			
Transporter	Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.								
	Print or Type Name:			Signature and date:			Month Day Year		
	<i>Ben Buigas</i>			<i>Ben Buigas</i>			<i>5 15 17</i>		
Recycling Facility	Discrepancies:								
	Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:								
	Print or Type Name:			Signature and date:					
	<i>J. Provansal</i>			<i>J. Provansal</i>					

Please print or type.

GENERATOR/CONSULTANTS COPY

Appendix D
Laboratory Analytical Results

Date of Report: 09/02/2016

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: 16-201-005
BCL Project: LAUSD - San Pedro HS
BCL Work Order: 1621610
Invoice ID: B243981, B245221

Enclosed are the results of analyses for samples received by the laboratory on 8/4/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	3
Laboratory / Client Sample Cross Reference.....	5

Sample Results

1621610-01 - WS-drum-comp	
Organochlorine Pesticides (EPA Method 8081A).....	6
Volatile Organic Analysis (EPA Method 8260B/5035).....	7
Total Petroleum Hydrocarbons.....	10
WET Test (STLC).....	11
Total Concentrations (TTLC).....	12
1621610-02 - WW-drum-comp	
Organochlorine Pesticides (EPA Method 8081A).....	13
Volatile Organic Analysis (EPA Method 8260B).....	14
Total Petroleum Hydrocarbons.....	17
Metals Analysis.....	18

Quality Control Reports

Organochlorine Pesticides (EPA Method 8081A)	
Method Blank Analysis.....	19
Laboratory Control Sample.....	21
Precision and Accuracy.....	22
Volatile Organic Analysis (EPA Method 8260B)	
Method Blank Analysis.....	23
Laboratory Control Sample.....	25
Precision and Accuracy.....	26
Volatile Organic Analysis (EPA Method 8260B/5035)	
Method Blank Analysis.....	27
Laboratory Control Sample.....	29
Precision and Accuracy.....	30
Total Petroleum Hydrocarbons	
Method Blank Analysis.....	31
Laboratory Control Sample.....	32
Precision and Accuracy.....	33
WET Test (STLC)	
Method Blank Analysis.....	34
Laboratory Control Sample.....	35
Precision and Accuracy.....	36
Total Concentrations (TTLC)	
Method Blank Analysis.....	37
Laboratory Control Sample.....	38
Precision and Accuracy.....	39
Metals Analysis	
Method Blank Analysis.....	41
Laboratory Control Sample.....	42
Precision and Accuracy.....	43

Notes

Notes and Definitions.....	45
----------------------------	----



Chain of Custody Form

Report To: Client: <u>ED Management</u>		Project #: <u>16-201-out</u>	
Attn:		Project Name: <u>CVSD - San Bern</u>	
Street Address: <u>5001 Airport Blvd</u>		City, State, Zip: <u>Long Beach CA</u>	
Phone: <u>562-740-1066</u>		Fax: <u>641/KL</u>	
Email Address: <u>estravasiak@edmt.com</u>		Work Order #: <u>16-21610</u>	
Sample #	Description	Date Sampled	Time Sampled
-1	WS - drum - comp	8/3/16	1458
-2	WW - drum - comp	8/3/16	1530
Analysis Requested			
Lead - EPA 8210 Asphalt - EPA 8210 OCPs - EPA 8210 PCBs - EPA 8210 TPH (gas dissolved) 8210 VOCs EPA 8210 CAS 21/100 Methyl			
Comments:			
Sample Matrix			
Soil <input checked="" type="checkbox"/> Sludge <input type="checkbox"/> Drinking Water <input type="checkbox"/> Ground Water <input type="checkbox"/> Waste Water <input type="checkbox"/> Other <input type="checkbox"/>			
Turnaround # of work days* <input type="checkbox"/> Yes <input type="checkbox"/> No			
Are there any tests with holding times less than or equal to 48 hours? <input type="checkbox"/> Yes <input type="checkbox"/> No			
* Standard Turnaround = 10 work days			
Notes			
CHK BY: <u>STRASIAK WA MT</u>			
SUB-OUT <input type="checkbox"/>			
Billing		Global ID (Needed for EDT)	
Client: <u>ED Management</u>		1. Received By: <u>John Ward</u> Date: <u>8/4/16</u> Time: <u>1235</u>	
Address: <u>5001 Airport Blvd</u>		2. Received By: <u>John Ward</u> Date: <u>8/4/16</u> Time: <u>1700</u>	
City: <u>Long Beach</u> State: <u>CA</u> Zip: <u>90801</u>		3. Received By: <u>John Ward</u> Date: <u>8/4/16</u> Time: <u>1900</u>	
Attn: <u>John Ward</u>		Date: <u>8/4/16</u> Time: <u>1900</u>	
PO#: <u>16-21610</u>		Date: <u>8/4/16</u> Time: <u>1900</u>	

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.bclabs.com



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621610 Page 2 of 2

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 Of 1							
Submission #: <u>16-21610</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID <u>2</u> YES <input type="checkbox"/> NO <input type="checkbox"/> <u>Sludge</u> W / (S) -1							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>Amber</u> Thermometer ID: <u>208</u>		Date/Time <u>8:4 1855</u>							
Temperature: (A) <u>0.0</u> °C / (C) <u>00</u> °C		Analyst Init <u>ARL</u>									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz			D								
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL			ABC								
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080 8081 066			E								
QT EPA 515.1/8150 8015 060			F								
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR			E								
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT			ABCO								
SUMMA CANISTER											

Comments: _____

Sample Numbering Completed By: WJ

Date/Time: 8-5-16 10:55

Rev 21 05/23/2016

IS:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMRECrev 20]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621610-01	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 14:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	WS-drum-comp	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621610-02	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 15:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	WW-drum-comp	Lab Matrix:	Water
	Sampled By:	---	Sample Type:	Wastewater

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621610-01		Client Sample Name: WS-drum-comp, 8/3/2016 2:58:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0012	mg/kg	0.0050	0.00083	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0014	mg/kg	0.0050	0.00078	EPA-8081A	1.0	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	77.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	49.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/09/16	08/11/16 21:02	HKS	GC-17	10	BZH0983

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621610-01		Client Sample Name: WS-drum-comp, 8/3/2016 2:58:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	0.0041	mg/kg	0.0050	0.0013	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	0.0027	mg/kg	0.0050	0.0013	EPA-8260B		J	1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621610-01		Client Sample Name: WS-drum-comp, 8/3/2016 2:58:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	0.0029	mg/kg	0.0050	0.0012	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	130	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621610-01		Client Sample Name: WS-drum-comp, 8/3/2016 2:58:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/08/16	08/08/16 10:17	ADC	MS-V2	1.082	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621610-01	Client Sample Name:	WS-drum-comp, 8/3/2016 2:58:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	40	10	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	20	2.4	EPA-8015B/FFP	ND		1
TPH - Motor Oil	130	mg/kg	40	13	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	37.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/09/16	08/16/16 15:33	AS1	GC-2	2	BZH1074

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

WET Test (STLC)

BCL Sample ID:	1621610-01	Client Sample Name:	WS-drum-comp, 8/3/2016 2:58:00PM					
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run #
Chromium	0.11	mg/L	0.10	0.0092	EPA-6010B	5.0		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/02/16 13:54	JRG	PE-OP2	1	BZI0197

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621610-01		Client Sample Name: WS-drum-comp, 8/3/2016 2:58:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	14	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	320	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.34	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	2.5	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	64	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.5	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	40	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	20	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.078	mg/kg	0.16	0.041	EPA-7471A	20	J	2
Molybdenum	4.2	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	51	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.47	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	130	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	80	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/08/16	08/08/16 15:42	JCC	PE-OP3	1	BZH0716
2	EPA-7471A	08/08/16	08/09/16 12:30	MEV	CETAC2	1.025	BZH0745

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621610-02		Client Sample Name: WW-drum-comp, 8/3/2016 3:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	ug/L	0.0050	0.0020	EPA-8081A	ND		1
alpha-BHC	ND	ug/L	0.0050	0.0018	EPA-8081A	ND		1
beta-BHC	ND	ug/L	0.0050	0.0038	EPA-8081A	ND		1
delta-BHC	ND	ug/L	0.0050	0.0017	EPA-8081A	ND		1
gamma-BHC (Lindane)	ND	ug/L	0.0050	0.0019	EPA-8081A	ND		1
Chlordane (Technical)	ND	ug/L	0.50	0.085	EPA-8081A	ND		1
4,4'-DDD	ND	ug/L	0.0050	0.0018	EPA-8081A	ND		1
4,4'-DDE	ND	ug/L	0.0050	0.0018	EPA-8081A	ND		1
4,4'-DDT	ND	ug/L	0.0050	0.0018	EPA-8081A	ND		1
Dieldrin	ND	ug/L	0.0050	0.0025	EPA-8081A	ND		1
Endosulfan I	ND	ug/L	0.0050	0.0027	EPA-8081A	ND		1
Endosulfan II	ND	ug/L	0.0050	0.0025	EPA-8081A	ND		1
Endosulfan sulfate	ND	ug/L	0.0050	0.0024	EPA-8081A	ND		1
Endrin	ND	ug/L	0.0050	0.0033	EPA-8081A	ND		1
Endrin aldehyde	ND	ug/L	0.010	0.0036	EPA-8081A	ND		1
Heptachlor	ND	ug/L	0.0050	0.0032	EPA-8081A	ND		1
Heptachlor epoxide	ND	ug/L	0.0050	0.0048	EPA-8081A	ND		1
Methoxychlor	ND	ug/L	0.0050	0.0035	EPA-8081A	ND		1
Toxaphene	ND	ug/L	2.0	0.20	EPA-8081A	ND		1
TCMX (Surrogate)	72.0	%	40 - 140 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	69.8	%	40 - 120 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/09/16	08/12/16 17:45	HKS	GC-17	1	BZH1274

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1621610-02		Client Sample Name: WW-drum-comp, 8/3/2016 3:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1621610-02		Client Sample Name: WW-drum-comp, 8/3/2016 3:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	0.13	ug/L	0.50	0.093	EPA-8260B	ND	J	1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	0.36	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	96.4	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.9	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	83.9	%	80 - 120 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1621610-02		Client Sample Name: WW-drum-comp, 8/3/2016 3:30:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/10/16	08/11/16 23:45	JPT	MS-V13	1	BZH1032

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621610-02	Client Sample Name:	WW-drum-comp, 8/3/2016 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	ug/L	5000	2000	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	ug/L	2000	340	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	ug/L	5000	660	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	55.3	%	37 - 134 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/10/16	08/15/16 21:00	AS1	GC-13	10	BZH1208

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Metals Analysis

BCL Sample ID: 1621610-02		Client Sample Name: WW-drum-comp, 8/3/2016 3:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Total Antimony	ND	ug/L	100	8.5	EPA-6010B	500000		1
Total Arsenic	56	ug/L	50	7.8	EPA-6010B	500000		1
Total Barium	1900	ug/L	10	3.5	EPA-6010B	10000000		1
Total Beryllium	2.8	ug/L	10	0.50	EPA-6010B	75000	J	1
Total Cadmium	17	ug/L	10	1.1	EPA-6010B	100000		1
Total Chromium	360	ug/L	10	1.1	EPA-6010B	2500000		1
Total Cobalt	46	ug/L	50	1.3	EPA-6010B	8000000	J	1
Total Copper	250	ug/L	10	1.1	EPA-6010B	2500000		1
Total Lead	110	ug/L	50	4.0	EPA-6010B	1000000		1
Total Mercury	0.62	ug/L	0.20	0.030	EPA-7470A	20000		2
Total Molybdenum	24	ug/L	50	1.2	EPA-6010B	3500000	J	1
Total Nickel	350	ug/L	10	2.0	EPA-6010B	2000000		1
Total Selenium	ND	ug/L	100	15	EPA-6010B	100000		1
Total Silver	3.3	ug/L	10	1.9	EPA-6010B	500000	J	1
Total Thallium	ND	ug/L	100	24	EPA-6010B	700000		3
Total Vanadium	620	ug/L	10	2.2	EPA-6010B	2400000		1
Total Zinc	580	ug/L	50	2.3	EPA-6010B	5000000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/10/16	08/11/16 15:54	JCC	PE-OP3	1	BZH0978
2	EPA-7470A	08/11/16	08/11/16 13:54	MEV	CETAC2	1	BZH1123
3	EPA-6010B	08/10/16	08/16/16 12:00	JCC	PE-OP3	1	BZH0978

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0983						
Aldrin	BZH0983-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZH0983-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZH0983-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZH0983-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZH0983-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZH0983-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZH0983-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZH0983-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZH0983-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZH0983-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZH0983-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZH0983-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZH0983-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZH0983-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZH0983-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZH0983-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZH0983-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZH0983-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZH0983-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZH0983-BLK1	82.7	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZH0983-BLK1	74.2	%	40 - 130 (LCL - UCL)		

QC Batch ID: BZH1274						
Aldrin	BZH1274-BLK1	ND	ug/L	0.0050	0.0020	
alpha-BHC	BZH1274-BLK1	ND	ug/L	0.0050	0.0018	
beta-BHC	BZH1274-BLK1	ND	ug/L	0.0050	0.0038	
delta-BHC	BZH1274-BLK1	ND	ug/L	0.0050	0.0017	
gamma-BHC (Lindane)	BZH1274-BLK1	ND	ug/L	0.0050	0.0019	
Chlordane (Technical)	BZH1274-BLK1	ND	ug/L	0.50	0.085	
4,4'-DDD	BZH1274-BLK1	ND	ug/L	0.0050	0.0018	
4,4'-DDE	BZH1274-BLK1	ND	ug/L	0.0050	0.0018	
4,4'-DDT	BZH1274-BLK1	ND	ug/L	0.0050	0.0018	
Dieldrin	BZH1274-BLK1	ND	ug/L	0.0050	0.0025	
Endosulfan I	BZH1274-BLK1	ND	ug/L	0.0050	0.0027	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1274						
Endosulfan II	BZH1274-BLK1	ND	ug/L	0.0050	0.0025	
Endosulfan sulfate	BZH1274-BLK1	ND	ug/L	0.0050	0.0024	
Endrin	BZH1274-BLK1	ND	ug/L	0.0050	0.0033	
Endrin aldehyde	BZH1274-BLK1	ND	ug/L	0.010	0.0036	
Heptachlor	BZH1274-BLK1	ND	ug/L	0.0050	0.0032	
Heptachlor epoxide	BZH1274-BLK1	ND	ug/L	0.0050	0.0048	
Methoxychlor	BZH1274-BLK1	ND	ug/L	0.0050	0.0035	
Toxaphene	BZH1274-BLK1	ND	ug/L	2.0	0.20	
TCMX (Surrogate)	BZH1274-BLK1	79.9	%	40 - 140 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZH1274-BLK1	83.9	%	40 - 120 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH0983										
Aldrin	BZH0983-BS1	LCS	0.0040593	0.0049180	mg/kg	82.5		70 - 130		
gamma-BHC (Lindane)	BZH0983-BS1	LCS	0.0041738	0.0049180	mg/kg	84.9		60 - 140		
4,4'-DDT	BZH0983-BS1	LCS	0.0039820	0.0049180	mg/kg	81.0		60 - 140		
Dieldrin	BZH0983-BS1	LCS	0.0042597	0.0049180	mg/kg	86.6		70 - 130		
Endrin	BZH0983-BS1	LCS	0.0050525	0.0049180	mg/kg	103		60 - 140		
Heptachlor	BZH0983-BS1	LCS	0.0040620	0.0049180	mg/kg	82.6		60 - 140		
TCMX (Surrogate)	BZH0983-BS1	LCS	0.0076066	0.0098361	mg/kg	77.3		20 - 130		
Decachlorobiphenyl (Surrogate)	BZH0983-BS1	LCS	0.013525	0.019672	mg/kg	68.8		40 - 130		
QC Batch ID: BZH1274										
Aldrin	BZH1274-BS1	LCS	0.11361	0.15000	ug/L	75.7		50 - 120		
gamma-BHC (Lindane)	BZH1274-BS1	LCS	0.11545	0.15000	ug/L	77.0		60 - 130		
4,4'-DDT	BZH1274-BS1	LCS	0.11863	0.15000	ug/L	79.1		60 - 130		
Dieldrin	BZH1274-BS1	LCS	0.13425	0.15000	ug/L	89.5		60 - 130		
Endrin	BZH1274-BS1	LCS	0.17158	0.15000	ug/L	114		60 - 130		
Heptachlor	BZH1274-BS1	LCS	0.10505	0.15000	ug/L	70.0		60 - 130		
TCMX (Surrogate)	BZH1274-BS1	LCS	0.25035	0.30000	ug/L	83.4		40 - 140		
Decachlorobiphenyl (Surrogate)	BZH1274-BS1	LCS	0.52894	0.60000	ug/L	88.2		40 - 120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0983		Used client sample: N									
Aldrin	MS	1616196-86	ND	0.0047024	0.0050676	mg/kg		92.8		50 - 140	
	MSD	1616196-86	ND	0.0040658	0.0050336	mg/kg	14.5	80.8	30	50 - 140	
gamma-BHC (Lindane)	MS	1616196-86	ND	0.0045311	0.0050676	mg/kg		89.4		50 - 140	
	MSD	1616196-86	ND	0.0041346	0.0050336	mg/kg	9.2	82.1	30	50 - 140	
4,4'-DDT	MS	1616196-86	ND	0.0037878	0.0050676	mg/kg		74.7		50 - 140	
	MSD	1616196-86	ND	0.0040356	0.0050336	mg/kg	6.3	80.2	30	50 - 140	
Dieldrin	MS	1616196-86	ND	0.0043645	0.0050676	mg/kg		86.1		40 - 140	
	MSD	1616196-86	ND	0.0044779	0.0050336	mg/kg	2.6	89.0	30	40 - 140	
Endrin	MS	1616196-86	ND	0.0046166	0.0050676	mg/kg		91.1		50 - 150	
	MSD	1616196-86	ND	0.0045685	0.0050336	mg/kg	1.0	90.8	30	50 - 150	
Heptachlor	MS	1616196-86	ND	0.0045145	0.0050676	mg/kg		89.1		60 - 140	
	MSD	1616196-86	ND	0.0041879	0.0050336	mg/kg	7.5	83.2	30	60 - 140	
TCMX (Surrogate)	MS	1616196-86	ND	0.0073537	0.010135	mg/kg		72.6		20 - 130	
	MSD	1616196-86	ND	0.0077577	0.010067	mg/kg	5.3	77.1		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1616196-86	ND	0.012964	0.020270	mg/kg		64.0		40 - 130	
	MSD	1616196-86	ND	0.012983	0.020134	mg/kg	0.1	64.5		40 - 130	
QC Batch ID: BZH1274		Used client sample: N									
Aldrin	MS	1616196-69	ND	0.11947	0.15000	ug/L		79.6		50 - 130	
	MSD	1616196-69	ND	0.12909	0.15000	ug/L	7.7	86.1	30	50 - 130	
gamma-BHC (Lindane)	MS	1616196-69	ND	0.11375	0.15000	ug/L		75.8		60 - 130	
	MSD	1616196-69	ND	0.12802	0.15000	ug/L	11.8	85.3	30	60 - 130	
4,4'-DDT	MS	1616196-69	ND	0.13168	0.15000	ug/L		87.8		60 - 130	
	MSD	1616196-69	ND	0.11184	0.15000	ug/L	16.3	74.6	30	60 - 130	
Dieldrin	MS	1616196-69	ND	0.14974	0.15000	ug/L		99.8		65 - 130	
	MSD	1616196-69	ND	0.11251	0.15000	ug/L	28.4	75.0	30	65 - 130	
Endrin	MS	1616196-69	ND	0.15804	0.15000	ug/L		105		60 - 130	
	MSD	1616196-69	ND	0.12951	0.15000	ug/L	19.8	86.3	30	60 - 130	
Heptachlor	MS	1616196-69	ND	0.10190	0.15000	ug/L		67.9		50 - 130	
	MSD	1616196-69	ND	0.12502	0.15000	ug/L	20.4	83.3	30	50 - 130	
TCMX (Surrogate)	MS	1616196-69	ND	0.22106	0.30000	ug/L		73.7		40 - 140	
	MSD	1616196-69	ND	0.23583	0.30000	ug/L	6.5	78.6		40 - 140	
Decachlorobiphenyl (Surrogate)	MS	1616196-69	ND	0.40668	0.60000	ug/L		67.8		40 - 120	
	MSD	1616196-69	ND	0.45106	0.60000	ug/L	10.3	75.2		40 - 120	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1032						
Benzene	BZH1032-BLK1	ND	ug/L	0.50	0.083	
Bromobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.13	
Bromochloromethane	BZH1032-BLK1	ND	ug/L	0.50	0.24	
Bromodichloromethane	BZH1032-BLK1	ND	ug/L	0.50	0.14	
Bromoform	BZH1032-BLK1	ND	ug/L	0.50	0.27	
Bromomethane	BZH1032-BLK1	ND	ug/L	1.0	0.25	
n-Butylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.11	
sec-Butylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.15	
tert-Butylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.13	
Carbon tetrachloride	BZH1032-BLK1	ND	ug/L	0.50	0.18	
Chlorobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.093	
Chloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.14	
Chloroform	BZH1032-BLK1	ND	ug/L	0.50	0.12	
Chloromethane	BZH1032-BLK1	ND	ug/L	0.50	0.14	
2-Chlorotoluene	BZH1032-BLK1	ND	ug/L	0.50	0.20	
4-Chlorotoluene	BZH1032-BLK1	ND	ug/L	0.50	0.15	
Dibromochloromethane	BZH1032-BLK1	ND	ug/L	0.50	0.13	
1,2-Dibromo-3-chloropropane	BZH1032-BLK1	ND	ug/L	1.0	0.44	
1,2-Dibromoethane	BZH1032-BLK1	ND	ug/L	0.50	0.16	
Dibromomethane	BZH1032-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichlorobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.072	
1,3-Dichlorobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.15	
1,4-Dichlorobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.062	
Dichlorodifluoromethane	BZH1032-BLK1	ND	ug/L	0.50	0.099	
1,1-Dichloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.17	
1,1-Dichloroethene	BZH1032-BLK1	ND	ug/L	0.50	0.18	
cis-1,2-Dichloroethene	BZH1032-BLK1	ND	ug/L	0.50	0.085	
trans-1,2-Dichloroethene	BZH1032-BLK1	ND	ug/L	0.50	0.15	
1,2-Dichloropropane	BZH1032-BLK1	ND	ug/L	0.50	0.13	
1,3-Dichloropropane	BZH1032-BLK1	ND	ug/L	0.50	0.086	
2,2-Dichloropropane	BZH1032-BLK1	ND	ug/L	0.50	0.13	
1,1-Dichloropropene	BZH1032-BLK1	ND	ug/L	0.50	0.085	
cis-1,3-Dichloropropene	BZH1032-BLK1	ND	ug/L	0.50	0.14	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1032						
trans-1,3-Dichloropropene	BZH1032-BLK1	ND	ug/L	0.50	0.079	
Ethylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.098	
Hexachlorobutadiene	BZH1032-BLK1	ND	ug/L	0.50	0.17	
Isopropylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.14	
p-Isopropyltoluene	BZH1032-BLK1	ND	ug/L	0.50	0.12	
Methylene chloride	BZH1032-BLK1	ND	ug/L	1.0	0.48	
Methyl t-butyl ether	BZH1032-BLK1	ND	ug/L	0.50	0.11	
Naphthalene	BZH1032-BLK1	ND	ug/L	0.50	0.36	
n-Propylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.11	
Styrene	BZH1032-BLK1	ND	ug/L	0.50	0.068	
1,1,1,2-Tetrachloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.18	
1,1,2,2-Tetrachloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.17	
Tetrachloroethene	BZH1032-BLK1	ND	ug/L	0.50	0.13	
Toluene	BZH1032-BLK1	ND	ug/L	0.50	0.093	
1,2,3-Trichlorobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.16	
1,2,4-Trichlorobenzene	BZH1032-BLK1	ND	ug/L	0.50	0.19	
1,1,1-Trichloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.11	
1,1,2-Trichloroethane	BZH1032-BLK1	ND	ug/L	0.50	0.16	
Trichloroethene	BZH1032-BLK1	ND	ug/L	0.50	0.085	
Trichlorofluoromethane	BZH1032-BLK1	ND	ug/L	0.50	0.13	
1,2,3-Trichloropropane	BZH1032-BLK1	ND	ug/L	1.0	0.24	
1,1,2-Trichloro-1,2,2-trifluoroethane	BZH1032-BLK1	ND	ug/L	0.50	0.15	
1,2,4-Trimethylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.12	
1,3,5-Trimethylbenzene	BZH1032-BLK1	ND	ug/L	0.50	0.12	
Vinyl chloride	BZH1032-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BZH1032-BLK1	ND	ug/L	1.0	0.36	
p- & m-Xylenes	BZH1032-BLK1	ND	ug/L	0.50	0.28	
o-Xylene	BZH1032-BLK1	ND	ug/L	0.50	0.082	
1,2-Dichloroethane-d4 (Surrogate)	BZH1032-BLK1	90.0	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BZH1032-BLK1	99.3	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BZH1032-BLK1	91.7	%	80 - 120 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH1032										
Benzene	BZH1032-BS1	LCS	23.640	25.000	ug/L	94.6		70 - 130		
Bromodichloromethane	BZH1032-BS1	LCS	23.810	25.000	ug/L	95.2		70 - 130		
Chlorobenzene	BZH1032-BS1	LCS	24.550	25.000	ug/L	98.2		70 - 130		
Chloroethane	BZH1032-BS1	LCS	22.890	25.000	ug/L	91.6		70 - 130		
1,4-Dichlorobenzene	BZH1032-BS1	LCS	24.390	25.000	ug/L	97.6		70 - 130		
1,1-Dichloroethane	BZH1032-BS1	LCS	23.360	25.000	ug/L	93.4		70 - 130		
1,1-Dichloroethene	BZH1032-BS1	LCS	24.680	25.000	ug/L	98.7		70 - 130		
Toluene	BZH1032-BS1	LCS	24.610	25.000	ug/L	98.4		70 - 130		
Trichloroethene	BZH1032-BS1	LCS	23.990	25.000	ug/L	96.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BZH1032-BS1	LCS	9.0800	10.000	ug/L	90.8		75 - 125		
Toluene-d8 (Surrogate)	BZH1032-BS1	LCS	9.9600	10.000	ug/L	99.6		80 - 120		
4-Bromofluorobenzene (Surrogate)	BZH1032-BS1	LCS	9.9000	10.000	ug/L	99.0		80 - 120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1032		Used client sample: N									
Benzene	MS	1621392-13	ND	24.340	25.000	ug/L		97.4		70 - 130	
	MSD	1621392-13	ND	26.020	25.000	ug/L	6.7	104	20	70 - 130	
Bromodichloromethane	MS	1621392-13	ND	24.820	25.000	ug/L		99.3		70 - 130	
	MSD	1621392-13	ND	26.020	25.000	ug/L	4.7	104	20	70 - 130	
Chlorobenzene	MS	1621392-13	ND	25.500	25.000	ug/L		102		70 - 130	
	MSD	1621392-13	ND	26.060	25.000	ug/L	2.2	104	20	70 - 130	
Chloroethane	MS	1621392-13	ND	22.960	25.000	ug/L		91.8		70 - 130	
	MSD	1621392-13	ND	24.670	25.000	ug/L	7.2	98.7	20	70 - 130	
1,4-Dichlorobenzene	MS	1621392-13	ND	25.570	25.000	ug/L		102		70 - 130	
	MSD	1621392-13	ND	26.000	25.000	ug/L	1.7	104	20	70 - 130	
1,1-Dichloroethane	MS	1621392-13	ND	24.480	25.000	ug/L		97.9		70 - 130	
	MSD	1621392-13	ND	25.820	25.000	ug/L	5.3	103	20	70 - 130	
1,1-Dichloroethene	MS	1621392-13	ND	25.430	25.000	ug/L		102		70 - 130	
	MSD	1621392-13	ND	26.930	25.000	ug/L	5.7	108	20	70 - 130	
Toluene	MS	1621392-13	ND	24.810	25.000	ug/L		99.2		70 - 130	
	MSD	1621392-13	ND	26.330	25.000	ug/L	5.9	105	20	70 - 130	
Trichloroethene	MS	1621392-13	ND	25.350	25.000	ug/L		101		70 - 130	
	MSD	1621392-13	ND	26.490	25.000	ug/L	4.4	106	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1621392-13	ND	8.9800	10.000	ug/L		89.8		75 - 125	
	MSD	1621392-13	ND	9.1600	10.000	ug/L	2.0	91.6		75 - 125	
Toluene-d8 (Surrogate)	MS	1621392-13	ND	10.010	10.000	ug/L		100		80 - 120	
	MSD	1621392-13	ND	9.9800	10.000	ug/L	0.3	99.8		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1621392-13	ND	9.9600	10.000	ug/L		99.6		80 - 120	
	MSD	1621392-13	ND	9.9100	10.000	ug/L	0.5	99.1		80 - 120	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0683						
Benzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Bromobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	BZH0683-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0683						
trans-1,3-Dichloropropene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
Ethylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	BZH0683-BLK1	ND	mg/kg	0.010	0.0024	
Methyl t-butyl ether	BZH0683-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2,2-Tetrachloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	BZH0683-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	BZH0683-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	BZH0683-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	BZH0683-BLK1	106	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BZH0683-BLK1	99.7	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BZH0683-BLK1	93.2	%	74 - 121 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH0683										
Benzene	BZH0683-BS1	LCS	0.11354	0.12500	mg/kg	90.8		70 - 130		
Bromodichloromethane	BZH0683-BS1	LCS	0.11447	0.12500	mg/kg	91.6		70 - 130		
Chlorobenzene	BZH0683-BS1	LCS	0.12155	0.12500	mg/kg	97.2		70 - 130		
Chloroethane	BZH0683-BS1	LCS	0.10075	0.12500	mg/kg	80.6		70 - 130		
1,4-Dichlorobenzene	BZH0683-BS1	LCS	0.12895	0.12500	mg/kg	103		70 - 130		
1,1-Dichloroethane	BZH0683-BS1	LCS	0.11517	0.12500	mg/kg	92.1		70 - 130		
1,1-Dichloroethene	BZH0683-BS1	LCS	0.10748	0.12500	mg/kg	86.0		70 - 130		
Toluene	BZH0683-BS1	LCS	0.11611	0.12500	mg/kg	92.9		70 - 130		
Trichloroethene	BZH0683-BS1	LCS	0.11696	0.12500	mg/kg	93.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BZH0683-BS1	LCS	0.046750	0.050000	mg/kg	93.5		70 - 121		
Toluene-d8 (Surrogate)	BZH0683-BS1	LCS	0.047020	0.050000	mg/kg	94.0		81 - 117		
4-Bromofluorobenzene (Surrogate)	BZH0683-BS1	LCS	0.049020	0.050000	mg/kg	98.0		74 - 121		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0683		Used client sample: N									
Benzene	MS	1616196-97	ND	0.12494	0.12500	mg/kg		100		70 - 130	
	MSD	1616196-97	ND	0.13073	0.12500	mg/kg	4.5	105	20	70 - 130	
Bromodichloromethane	MS	1616196-97	ND	0.12328	0.12500	mg/kg		98.6		70 - 130	
	MSD	1616196-97	ND	0.12695	0.12500	mg/kg	2.9	102	20	70 - 130	
Chlorobenzene	MS	1616196-97	ND	0.12421	0.12500	mg/kg		99.4		70 - 130	
	MSD	1616196-97	ND	0.11713	0.12500	mg/kg	5.9	93.7	20	70 - 130	
Chloroethane	MS	1616196-97	ND	0.11921	0.12500	mg/kg		95.4		70 - 130	
	MSD	1616196-97	ND	0.10552	0.12500	mg/kg	12.2	84.4	20	70 - 130	
1,4-Dichlorobenzene	MS	1616196-97	ND	0.12279	0.12500	mg/kg		98.2		70 - 130	
	MSD	1616196-97	ND	0.12234	0.12500	mg/kg	0.4	97.9	20	70 - 130	
1,1-Dichloroethane	MS	1616196-97	ND	0.12834	0.12500	mg/kg		103		70 - 130	
	MSD	1616196-97	ND	0.13022	0.12500	mg/kg	1.5	104	20	70 - 130	
1,1-Dichloroethene	MS	1616196-97	ND	0.12366	0.12500	mg/kg		98.9		70 - 130	
	MSD	1616196-97	ND	0.12127	0.12500	mg/kg	2.0	97.0	20	70 - 130	
Toluene	MS	1616196-97	ND	0.12465	0.12500	mg/kg		99.7		70 - 130	
	MSD	1616196-97	ND	0.12421	0.12500	mg/kg	0.4	99.4	20	70 - 130	
Trichloroethene	MS	1616196-97	ND	0.12137	0.12500	mg/kg		97.1		70 - 130	
	MSD	1616196-97	ND	0.12237	0.12500	mg/kg	0.8	97.9	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1616196-97	ND	0.053980	0.050000	mg/kg		108		70 - 121	
	MSD	1616196-97	ND	0.055330	0.050000	mg/kg	2.5	111		70 - 121	
Toluene-d8 (Surrogate)	MS	1616196-97	ND	0.051020	0.050000	mg/kg		102		81 - 117	
	MSD	1616196-97	ND	0.048980	0.050000	mg/kg	4.1	98.0		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1616196-97	ND	0.050760	0.050000	mg/kg		102		74 - 121	
	MSD	1616196-97	ND	0.050070	0.050000	mg/kg	1.4	100		74 - 121	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1074						
TPH - Gasoline	BZH1074-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	BZH1074-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BZH1074-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BZH1074-BLK1	82.6	%	20 - 145 (LCL - UCL)		
QC Batch ID: BZH1208						
TPH - Gasoline	BZH1208-BLK1	ND	ug/L	500	200	
TPH - Diesel (FFP)	BZH1208-BLK1	ND	ug/L	200	34	
TPH - Motor Oil	BZH1208-BLK1	ND	ug/L	500	66	
Tetracosane (Surrogate)	BZH1208-BLK1	71.5	%	37 - 134 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZH1074										
TPH - Diesel (FFP)	BZH1074-BS1	LCS	62.478	81.967	mg/kg	76.2		64 - 124		
Tetracosane (Surrogate)	BZH1074-BS1	LCS	2.9351	3.2787	mg/kg	89.5		20 - 145		
QC Batch ID: BZH1208										
TPH - Diesel (FFP)	BZH1208-BS1	LCS	1785.1	2500.0	ug/L	71.4		52 - 128		
Tetracosane (Surrogate)	BZH1208-BS1	LCS	73.755	100.00	ug/L	73.8		37 - 134		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1074		Used client sample: N									
TPH - Diesel (FFP)	MS	1621654-23	ND	73.027	83.612	mg/kg		87.3		52 - 131	
	MSD	1621654-23	ND	67.910	84.746	mg/kg	7.3	80.1	30	52 - 131	
Tetracosane (Surrogate)	MS	1621654-23	ND	2.7349	3.3445	mg/kg		81.8		20 - 145	
	MSD	1621654-23	ND	3.1502	3.3898	mg/kg	14.1	92.9		20 - 145	
QC Batch ID: BZH1208		Used client sample: N									
TPH - Diesel (FFP)	MS	1621392-31	ND	1922.1	2500.0	ug/L		76.9		50 - 127	
	MSD	1621392-31	ND	1912.6	2500.0	ug/L	0.5	76.5	24	50 - 127	
Tetracosane (Surrogate)	MS	1621392-31	ND	78.525	100.00	ug/L		78.5		37 - 134	
	MSD	1621392-31	ND	79.695	100.00	ug/L	1.5	79.7		37 - 134	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 09/02/2016 17:21 Project: LAUSD - San Pedro HS Project Number: 16-201-005 Project Manager: Travis Stravasnik
--	---

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<div>QC Batch ID: BZI0197</div>						
Chromium	BZI0197-BLK1	ND	mg/L	0.10	0.0092	

E2 Managetech	Reported: 09/02/2016 17:21
5001 Airport Plaza Drive, Suite 260	Project: LAUSD - San Pedro HS
Long Beach, CA 90815	Project Number: 16-201-005
	Project Manager: Travis Stravasnik

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

								Control Limits		
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
QC Batch ID: BZI0197										
Chromium	BZI0197-BS1	LCS	20.360	20.000	mg/L	102		85 - 115		

E2 Managetech	Reported: 09/02/2016 17:21
5001 Airport Plaza Drive, Suite 260	Project: LAUSD - San Pedro HS
Long Beach, CA 90815	Project Number: 16-201-005
	Project Manager: Travis Stravasnik

WET Test (STLC)

Quality Control Report - Precision & Accuracy

										<u>Control Limits</u>	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZI0197		Used client sample: Y - Description: WS-drum-comp, 08/03/2016 14:58									
Chromium	DUP	1621610-01	0.11120	0.11626		mg/L	4.5		20		
	MS	1621610-01	0.11120	18.744	20.408	mg/L		91.3		75 - 125	
	MSD	1621610-01	0.11120	19.829	20.408	mg/L	5.6	96.6	20	75 - 125	

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0716						
Antimony	BZH0716-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	BZH0716-BLK1	ND	mg/kg	1.0	0.40	
Barium	BZH0716-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	BZH0716-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	BZH0716-BLK1	ND	mg/kg	0.50	0.052	
Chromium	BZH0716-BLK1	0.054955	mg/kg	0.50	0.050	J
Cobalt	BZH0716-BLK1	ND	mg/kg	2.5	0.098	
Copper	BZH0716-BLK1	ND	mg/kg	1.0	0.050	
Lead	BZH0716-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	BZH0716-BLK1	ND	mg/kg	2.5	0.050	
Nickel	BZH0716-BLK1	ND	mg/kg	0.50	0.15	
Selenium	BZH0716-BLK1	ND	mg/kg	1.0	0.98	
Silver	BZH0716-BLK1	ND	mg/kg	0.50	0.067	
Thallium	BZH0716-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	BZH0716-BLK1	ND	mg/kg	0.50	0.11	
Zinc	BZH0716-BLK1	0.17494	mg/kg	2.5	0.087	J
QC Batch ID: BZH0745						
Mercury	BZH0745-BLK1	ND	mg/kg	0.16	0.041	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZH0716										
Antimony	BZH0716-BS1	LCS	102.41	100.00	mg/kg	102		75 - 125		
Arsenic	BZH0716-BS1	LCS	9.6440	10.000	mg/kg	96.4		75 - 125		
Barium	BZH0716-BS1	LCS	102.69	100.00	mg/kg	103		75 - 125		
Beryllium	BZH0716-BS1	LCS	9.9797	10.000	mg/kg	99.8		75 - 125		
Cadmium	BZH0716-BS1	LCS	10.221	10.000	mg/kg	102		75 - 125		
Chromium	BZH0716-BS1	LCS	107.92	100.00	mg/kg	108		75 - 125		
Cobalt	BZH0716-BS1	LCS	102.30	100.00	mg/kg	102		75 - 125		
Copper	BZH0716-BS1	LCS	99.448	100.00	mg/kg	99.4		75 - 125		
Lead	BZH0716-BS1	LCS	101.66	100.00	mg/kg	102		75 - 125		
Molybdenum	BZH0716-BS1	LCS	104.66	100.00	mg/kg	105		75 - 125		
Nickel	BZH0716-BS1	LCS	108.24	100.00	mg/kg	108		75 - 125		
Selenium	BZH0716-BS1	LCS	9.8527	10.000	mg/kg	98.5		75 - 125		
Silver	BZH0716-BS1	LCS	9.8934	10.000	mg/kg	98.9		75 - 125		
Thallium	BZH0716-BS1	LCS	112.09	100.00	mg/kg	112		75 - 125		
Vanadium	BZH0716-BS1	LCS	107.48	100.00	mg/kg	107		75 - 125		
Zinc	BZH0716-BS1	LCS	101.34	100.00	mg/kg	101		75 - 125		
QC Batch ID: BZH0745										
Mercury	BZH0745-BS1	LCS	0.80400	0.80000	mg/kg	100		80 - 120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0716		Used client sample: Y - Description: WS-drum-comp, 08/03/2016 14:58									
Antimony	DUP	1621610-01	ND	ND		mg/kg			20		
	MS	1621610-01	ND	40.808	100.00	mg/kg		40.8		16 - 119	
	MSD	1621610-01	ND	40.983	100.00	mg/kg	0.4	41.0	20	16 - 119	
Arsenic	DUP	1621610-01	13.893	11.002		mg/kg	23.2		20		Q01
	MS	1621610-01	13.893	22.199	10.000	mg/kg		83.1		75 - 125	
	MSD	1621610-01	13.893	22.500	10.000	mg/kg	1.3	86.1	20	75 - 125	
Barium	DUP	1621610-01	323.76	345.25		mg/kg	6.4		20		
	MS	1621610-01	323.76	413.26	100.00	mg/kg		89.5		75 - 125	
	MSD	1621610-01	323.76	412.89	100.00	mg/kg	0.1	89.1	20	75 - 125	
Beryllium	DUP	1621610-01	0.33924	0.35493		mg/kg	4.5		20		J
	MS	1621610-01	0.33924	9.1659	10.000	mg/kg		88.3		75 - 125	
	MSD	1621610-01	0.33924	8.9182	10.000	mg/kg	2.7	85.8	20	75 - 125	
Cadmium	DUP	1621610-01	2.5434	2.7792		mg/kg	8.9		20		
	MS	1621610-01	2.5434	12.297	10.000	mg/kg		97.5		75 - 125	
	MSD	1621610-01	2.5434	11.987	10.000	mg/kg	2.5	94.4	20	75 - 125	
Chromium	DUP	1621610-01	64.057	64.077		mg/kg	0.0		20		
	MS	1621610-01	64.057	159.35	100.00	mg/kg		95.3		75 - 125	
	MSD	1621610-01	64.057	153.17	100.00	mg/kg	4.0	89.1	20	75 - 125	
Cobalt	DUP	1621610-01	4.5393	4.4698		mg/kg	1.5		20		
	MS	1621610-01	4.5393	88.205	100.00	mg/kg		83.7		75 - 125	
	MSD	1621610-01	4.5393	83.761	100.00	mg/kg	5.2	79.2	20	75 - 125	
Copper	DUP	1621610-01	39.743	38.292		mg/kg	3.7		20		
	MS	1621610-01	39.743	153.45	100.00	mg/kg		114		75 - 125	
	MSD	1621610-01	39.743	147.00	100.00	mg/kg	4.3	107	20	75 - 125	
Lead	DUP	1621610-01	19.973	23.547		mg/kg	16.4		20		
	MS	1621610-01	19.973	128.15	100.00	mg/kg		108		75 - 125	
	MSD	1621610-01	19.973	104.56	100.00	mg/kg	20.3	84.6	20	75 - 125	Q02
Molybdenum	DUP	1621610-01	4.1573	3.8808		mg/kg	6.9		20		
	MS	1621610-01	4.1573	91.530	100.00	mg/kg		87.4		75 - 125	
	MSD	1621610-01	4.1573	87.510	100.00	mg/kg	4.5	83.4	20	75 - 125	
Nickel	DUP	1621610-01	51.143	50.514		mg/kg	1.2		20		
	MS	1621610-01	51.143	144.65	100.00	mg/kg		93.5		75 - 125	
	MSD	1621610-01	51.143	134.16	100.00	mg/kg	7.5	83.0	20	75 - 125	
Selenium	DUP	1621610-01	ND	1.1273		mg/kg			20		
	MS	1621610-01	ND	9.6169	10.000	mg/kg		96.2		75 - 125	
	MSD	1621610-01	ND	9.2405	10.000	mg/kg	4.0	92.4	20	75 - 125	
Silver	DUP	1621610-01	0.47255	0.51662		mg/kg	8.9		20		
	MS	1621610-01	0.47255	10.986	10.000	mg/kg		105		75 - 125	
	MSD	1621610-01	0.47255	10.514	10.000	mg/kg	4.4	100	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									<u>Control Limits</u>		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0716		Used client sample: Y - Description: WS-drum-comp, 08/03/2016 14:58									
Thallium	DUP	1621610-01	ND	ND		mg/kg			20		
	MS	1621610-01	ND	85.275	100.00	mg/kg		85.3		75 - 125	
	MSD	1621610-01	ND	83.271	100.00	mg/kg	2.4	83.3	20	75 - 125	
Vanadium	DUP	1621610-01	126.45	120.52		mg/kg	4.8		20		
	MS	1621610-01	126.45	217.72	100.00	mg/kg		91.3		75 - 125	
	MSD	1621610-01	126.45	213.13	100.00	mg/kg	2.1	86.7	20	75 - 125	
Zinc	DUP	1621610-01	80.210	84.507		mg/kg	5.2		20		
	MS	1621610-01	80.210	235.91	100.00	mg/kg		156		75 - 125	Q03
	MSD	1621610-01	80.210	157.12	100.00	mg/kg	40.1	76.9	20	75 - 125	Q02
QC Batch ID: BZH0745		Used client sample: N									
Mercury	DUP	1620666-01	ND	ND		mg/kg			20		
	MS	1620666-01	ND	0.81381	0.79365	mg/kg		103		80 - 120	
	MSD	1620666-01	ND	0.81365	0.79365	mg/kg	0.0	103	20	80 - 120	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Metals Analysis

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0978						
Total Antimony	BZH0978-BLK1	ND	ug/L	100	8.5	
Total Arsenic	BZH0978-BLK1	ND	ug/L	50	7.8	
Total Barium	BZH0978-BLK1	ND	ug/L	10	3.5	
Total Beryllium	BZH0978-BLK1	ND	ug/L	10	0.50	
Total Cadmium	BZH0978-BLK1	ND	ug/L	10	1.1	
Total Chromium	BZH0978-BLK1	ND	ug/L	10	1.1	
Total Cobalt	BZH0978-BLK1	ND	ug/L	50	1.3	
Total Copper	BZH0978-BLK1	ND	ug/L	10	1.1	
Total Lead	BZH0978-BLK1	ND	ug/L	50	4.0	
Total Molybdenum	BZH0978-BLK1	ND	ug/L	50	1.2	
Total Nickel	BZH0978-BLK1	ND	ug/L	10	2.0	
Total Selenium	BZH0978-BLK1	ND	ug/L	100	15	
Total Silver	BZH0978-BLK1	ND	ug/L	10	1.9	
Total Thallium	BZH0978-BLK1	ND	ug/L	100	24	
Total Vanadium	BZH0978-BLK1	ND	ug/L	10	2.2	
Total Zinc	BZH0978-BLK1	ND	ug/L	50	2.3	
QC Batch ID: BZH1123						
Total Mercury	BZH1123-BLK1	ND	ug/L	0.20	0.030	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Metals Analysis

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZH0978										
Total Antimony	BZH0978-BS1	LCS	399.41	400.00	ug/L	99.9		85 - 115		
Total Arsenic	BZH0978-BS1	LCS	196.41	200.00	ug/L	98.2		85 - 115		
Total Barium	BZH0978-BS1	LCS	399.80	400.00	ug/L	100		85 - 115		
Total Beryllium	BZH0978-BS1	LCS	187.03	200.00	ug/L	93.5		85 - 115		
Total Cadmium	BZH0978-BS1	LCS	190.43	200.00	ug/L	95.2		85 - 115		
Total Chromium	BZH0978-BS1	LCS	199.32	200.00	ug/L	99.7		85 - 115		
Total Cobalt	BZH0978-BS1	LCS	196.91	200.00	ug/L	98.5		85 - 115		
Total Copper	BZH0978-BS1	LCS	364.73	400.00	ug/L	91.2		85 - 115		
Total Lead	BZH0978-BS1	LCS	396.30	400.00	ug/L	99.1		85 - 115		
Total Molybdenum	BZH0978-BS1	LCS	201.79	200.00	ug/L	101		85 - 115		
Total Nickel	BZH0978-BS1	LCS	399.13	400.00	ug/L	99.8		85 - 115		
Total Selenium	BZH0978-BS1	LCS	201.72	200.00	ug/L	101		85 - 115		
Total Silver	BZH0978-BS1	LCS	91.718	100.00	ug/L	91.7		85 - 115		
Total Thallium	BZH0978-BS1	LCS	419.35	400.00	ug/L	105		85 - 115		
Total Vanadium	BZH0978-BS1	LCS	200.26	200.00	ug/L	100		85 - 115		
Total Zinc	BZH0978-BS1	LCS	465.09	500.00	ug/L	93.0		85 - 115		
QC Batch ID: BZH1123										
Total Mercury	BZH1123-BS1	LCS	1.0100	1.0000	ug/L	101		85 - 115		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Metals Analysis

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0978		Used client sample: N									
Total Antimony	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	441.58	400.00	ug/L		110		75 - 125	
	MSD	1621550-01	ND	414.53	400.00	ug/L	6.3	104	20	75 - 125	
Total Arsenic	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	218.49	200.00	ug/L		109		75 - 125	
	MSD	1621550-01	ND	206.85	200.00	ug/L	5.5	103	20	75 - 125	
Total Barium	DUP	1621550-01	162.79	151.53		ug/L	7.2		20		
	MS	1621550-01	162.79	586.72	400.00	ug/L		106		75 - 125	
	MSD	1621550-01	162.79	549.03	400.00	ug/L	6.6	96.6	20	75 - 125	
Total Beryllium	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	201.39	200.00	ug/L		101		75 - 125	
	MSD	1621550-01	ND	191.42	200.00	ug/L	5.1	95.7	20	75 - 125	
Total Cadmium	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	206.39	200.00	ug/L		103		75 - 125	
	MSD	1621550-01	ND	195.18	200.00	ug/L	5.6	97.6	20	75 - 125	
Total Chromium	DUP	1621550-01	ND	15.338		ug/L			20		
	MS	1621550-01	ND	208.26	200.00	ug/L		104		75 - 125	
	MSD	1621550-01	ND	197.59	200.00	ug/L	5.3	98.8	20	75 - 125	
Total Cobalt	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	203.61	200.00	ug/L		102		75 - 125	
	MSD	1621550-01	ND	192.00	200.00	ug/L	5.9	96.0	20	75 - 125	
Total Copper	DUP	1621550-01	6.5042	6.9717		ug/L	6.9		20		J
	MS	1621550-01	6.5042	395.55	400.00	ug/L		97.3		75 - 125	
	MSD	1621550-01	6.5042	381.15	400.00	ug/L	3.7	93.7	20	75 - 125	
Total Lead	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	414.07	400.00	ug/L		104		75 - 125	
	MSD	1621550-01	ND	389.41	400.00	ug/L	6.1	97.4	20	75 - 125	
Total Molybdenum	DUP	1621550-01	5.5475	5.1426		ug/L	7.6		20		J
	MS	1621550-01	5.5475	220.57	200.00	ug/L		108		75 - 125	
	MSD	1621550-01	5.5475	208.78	200.00	ug/L	5.5	102	20	75 - 125	
Total Nickel	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	399.67	400.00	ug/L		99.9		75 - 125	
	MSD	1621550-01	ND	386.50	400.00	ug/L	3.4	96.6	20	75 - 125	
Total Selenium	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	218.67	200.00	ug/L		109		75 - 125	
	MSD	1621550-01	ND	203.52	200.00	ug/L	7.2	102	20	75 - 125	
Total Silver	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	99.375	100.00	ug/L		99.4		75 - 125	
	MSD	1621550-01	ND	94.624	100.00	ug/L	4.9	94.6	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Metals Analysis

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0978		Used client sample: N									
Total Thallium	DUP	1621550-01	ND	ND		ug/L			20		
	MS	1621550-01	ND	421.07	400.00	ug/L		105		75 - 125	
	MSD	1621550-01	ND	396.39	400.00	ug/L	6.0	99.1	20	75 - 125	
Total Vanadium	DUP	1621550-01	2.8936	4.5683		ug/L	44.9		20		J,A02
	MS	1621550-01	2.8936	215.39	200.00	ug/L		106		75 - 125	
	MSD	1621550-01	2.8936	205.66	200.00	ug/L	4.6	101	20	75 - 125	
Total Zinc	DUP	1621550-01	160.30	155.91		ug/L	2.8		20		
	MS	1621550-01	160.30	630.35	500.00	ug/L		94.0		75 - 125	
	MSD	1621550-01	160.30	587.89	500.00	ug/L	7.0	85.5	20	75 - 125	
QC Batch ID: BZH1123		Used client sample: N									
Total Mercury	DUP	1621864-02	ND	ND		ug/L			20		
	MS	1621864-02	ND	1.1075	1.0000	ug/L		111		70 - 130	
	MSD	1621864-02	ND	1.0600	1.0000	ug/L	4.4	106	20	70 - 130	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 09/02/2016 17:21
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Date of Report: 10/13/2016

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: 16-201-005
BCL Project: LAUSD - San Pedro HS
BCL Work Order: 1621628
Invoice ID: B243736, B245309, B249069

Enclosed are the results of analyses for samples received by the laboratory on 8/4/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	5
Laboratory / Client Sample Cross Reference.....	17

Sample Results

1621628-01 - SB1-00	
Organochlorine Pesticides (EPA Method 8081A).....	25
Total Concentrations (TTLC).....	26
1621628-02 - SB1-12	
Total Concentrations (TTLC).....	27
1621628-03 - SB1-24	
Total Concentrations (TTLC).....	28
1621628-04 - SB2-00	
Organochlorine Pesticides (EPA Method 8081A).....	29
Total Concentrations (TTLC).....	30
1621628-05 - SB2-12	
Total Concentrations (TTLC).....	31
1621628-07 - SB3-00	
Organochlorine Pesticides (EPA Method 8081A).....	32
Total Concentrations (TTLC).....	33
1621628-08 - SB3-12	
Total Concentrations (TTLC).....	34
1621628-10 - SB4-00	
Organochlorine Pesticides (EPA Method 8081A).....	35
Total Concentrations (TTLC).....	36
1621628-11 - SB5-00	
Organochlorine Pesticides (EPA Method 8081A).....	37
Total Concentrations (TTLC).....	38
1621628-14 - SB6-00	
Organochlorine Pesticides (EPA Method 8081A).....	39
Total Concentrations (TTLC).....	40
1621628-15 - SB6-12	
Total Concentrations (TTLC).....	41
1621628-16 - SB7-00	
Organochlorine Pesticides (EPA Method 8081A).....	42
Total Concentrations (TTLC).....	43
1621628-17 - SB7-12	
Total Concentrations (TTLC).....	44
1621628-19 - SB8-00	
Organochlorine Pesticides (EPA Method 8081A).....	45
Total Concentrations (TTLC).....	46
1621628-20 - SB8-12	
Total Concentrations (TTLC).....	47
1621628-21 - SB9-00	
Organochlorine Pesticides (EPA Method 8081A).....	48
Total Concentrations (TTLC).....	49
1621628-22 - SB9-12	
Total Concentrations (TTLC).....	50
1621628-24 - SB10-00	
Organochlorine Pesticides (EPA Method 8081A).....	51
PCB Analysis (EPA Method 8082).....	52
Total Concentrations (TTLC).....	53
1621628-27 - SB11-00	
Organochlorine Pesticides (EPA Method 8081A).....	54
Total Concentrations (TTLC).....	55

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

1621628-28 - SB11-12	
Total Concentrations (TTLC).....	56
1621628-29 - SB11-24	
Total Concentrations (TTLC).....	57
1621628-30 - SB12-00	
Organochlorine Pesticides (EPA Method 8081A).....	58
Total Concentrations (TTLC).....	59
1621628-32 - SB13-00	
Organochlorine Pesticides (EPA Method 8081A).....	60
Total Concentrations (TTLC).....	61
1621628-35 - SB14-00	
Organochlorine Pesticides (EPA Method 8081A).....	62
Total Concentrations (TTLC).....	63
1621628-36 - SB15-00	
Organochlorine Pesticides (EPA Method 8081A).....	64
Total Concentrations (TTLC).....	65
1621628-37 - SB15-12	
Total Concentrations (TTLC).....	66
1621628-39 - SB16-00	
Organochlorine Pesticides (EPA Method 8081A).....	67
Total Concentrations (TTLC).....	68
1621628-41 - SB17-00	
Organochlorine Pesticides (EPA Method 8081A).....	69
Total Concentrations (TTLC).....	70
1621628-42 - SB17-12	
Total Concentrations (TTLC).....	71
1621628-44 - SB18-00	
Organochlorine Pesticides (EPA Method 8081A).....	72
Total Concentrations (TTLC).....	73
1621628-45 - SB18-12	
Total Concentrations (TTLC).....	74
1621628-47 - SB19-00	
Organochlorine Pesticides (EPA Method 8081A).....	75
Total Concentrations (TTLC).....	76
1621628-48 - SB19-12	
Total Concentrations (TTLC).....	77
1621628-50 - SB20-00	
Organochlorine Pesticides (EPA Method 8081A).....	78
PCB Analysis (EPA Method 8082).....	79
Total Concentrations (TTLC).....	80
1621628-53 - SB21-00	
Organochlorine Pesticides (EPA Method 8081A).....	81
Total Concentrations (TTLC).....	82

Quality Control Reports

Organochlorine Pesticides (EPA Method 8081A)	
Method Blank Analysis.....	83
Laboratory Control Sample.....	85
Precision and Accuracy.....	86
PCB Analysis (EPA Method 8082)	
Method Blank Analysis.....	87
Laboratory Control Sample.....	88
Precision and Accuracy.....	89
Total Concentrations (TTLC)	
Method Blank Analysis.....	90

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

	Laboratory Control Sample.....	91
	Precision and Accuracy.....	92
Notes		
	Notes and Definitions.....	93



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 1 of 12

16-21628

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information		Sample Matrix		Analysis Requested	
Name: E2Manageteck, Inc.		Phone: office: 562-740-1060			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS			
Attn: Travis Stravasnik (tstrasvasnik@e2mt.com)		Project #: 16-201-005			
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#			
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold					
Lab#	Sample ID	# of Containers	Date	Time	
-1	SB1-00	1	8/1/2016	1554	
-2	SB1-12	1	8/1/2016	1556	
-3	SB1-24	1	8/1/2016	1600	
-4	SB2-00	1	8/3/2016	0724	
-5	SB2-12	1	8/3/2016	0729	
-6	SB2-24	1	8/3/2016	0741	
-7	SB3-00	1	8/3/2016	0747	
-8	SB3-12	1	8/3/2016	0749	
-9	SB3-24	1	8/3/2016	0755	
-10	SB4-00	1	8/2/2016	1628	
Relinquished By: [Signature]		Received By: [Signature]		Date and Time: 8/4/16 1440	
Relinquished By: [Signature]		Received By: [Signature]		Date and Time: 8-4-16 1700	
Relinquished By: [Signature]		Received By: [Signature]		Date and Time: 8-4-16 1900	

CHK BY: [Signature]

DISTRIBUTION: [Signature]

SUB-OUT: [Signature]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918				CHAIN OF CUSTODY															
Project Information		Sample Matrix				Analysis Requested															
Name: E2Managetechn, Inc.		Phone: office: 562-740-1060				Water		Lead - EPA Method 6010B		Arsenic - EPA Method 6010B		Organochlorine Pesticides - EPA Method 8081		Polychlorinated Biphenyls - EPA Method 8082		TPH (gas, diesel, oil) - EPA Method 8015		VOCs - EPA Method 8260B		CAM 22/22 Metals	
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS				Soil		X		X		X		X		X		X		X	
Attn: Travis Stravasnik (tstrasvasnik@e2mt.com)		Project #: 16-201-005				X		X		X		X		X		X		X		X	
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#				X		X		X		X		X		X		X		X	
Comments: Normal Turnaround Time: Surface samples (-00) are to be tested initially, deeper samples (-12 and -24) on hold																					
Lab#	Sample ID	# of Containers	Date	Time																	
-11	SBS-00	1	8/2/2016	1611	X																
-12	SBS-12	1	8/2/2016	1615	X																
-13	SBS-24	1	8/2/2016	1617	X																
-14	SBS-00	1	8/2/2016	1654	X																
-15	SBS-12	1	8/2/2016	1659	X																
-16	SBS-00	1	8/3/2016	0851	X																
-17	SBS-12	1	8/3/2016	0856	X																
-18	SBS-24	1	8/3/2016	0901	X																
-19	SBS-00	1	8/3/2016	0830	X																
-20	SBS-12	1	8/3/2016	0843	X																
Relinquished By: [Signature]		Received By: [Signature]				Date and Time: 8/4/16		1440													
Relinquished By: [Signature]		Received By: [Signature]				Date and Time: 8/4/16		1700													
Relinquished By: [Signature]		Received By: [Signature]				Date and Time: 8/4/16		1900													

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information				Sample Matrix	Analysis Requested
Name: E2Manageteck, Inc.		Phone: office: 562-740-1060			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS			
Attn: Travis Stravasnik (tstrasvasnik@e2mnt.com)		Project #: 16-201-005			
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#			
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold					
Lab#	Sample ID	# of Containers	Date	Time	Soil
- 21	SB9-00	1	8/2/2016	1726	X
- 22	SB9-12	1	8/2/2016	1729	X
- 23	SB9-24	1	8/2/2016	1731	X
- 24	SB10-00	1	8/3/2016	0935	X
- 25	SB10-12	1	8/3/2016	0940	X
- 26	SB10-24	1	8/3/2016	0943	X
- 27	SB11-00	1	8/3/2016	0919	X
- 28	SB11-12	1	8/3/2016	0922	X
- 29	SB11-24	1	8/3/2016	0926	X
- 30	SB12-00	1	8/3/2016	0804	X
- 31	SB12-12	1	8/3/2016	0810	X
Relinquished By: [Signature]				Date and Time: 8/4/16 1448	
Relinquished By: [Signature]				Date and Time: 8/4/16 1700	
Relinquished By: [Signature]				Date and Time: 8-4-16 1900	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Page 8 of 93

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY																
Project Information			Sample Matrix	Analysis Requested																
Name:	EZManagetechn, Inc.	Phone:	Office: 562-740-1060																	
Address:	5001 Airport Plaza Dr, # 260, Long Beach, CA 90815	Project:	LAUSD - San Pedro HS																	
Attn:	Travis Stravasinik (tstravasinik@e2mt.com)	Project #:	16-201-005																	
Sampler(s):	Kevin Lin; Gabriela Valenzuela	PO#																		
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold																				
Lab#	Sample ID	# of Containers	Date	Time	Soil	Water	Lead - EPA Method 6010B	Arsenic - EPA Method 6010B	Organochlorine Pesticides - EPA Method 8081	Polychlorinated Biphenyls - EPA Method 8082	TPH (gas, diesel, oil) - EPA Method 8015	VOCs - EPA Method 8260B	CAM 22/122 Metals							
-44	SB18-00	1	8/3/2016	1241	X		X	X	X											
-45	SB18-12	1	8/3/2016	1244	X		X	X	X											
-46	SB18-24	1	8/3/2016	1246	X		X	X	X											
-47	SB19-00	1	8/3/2016	1142	X		X	X	X											
-48	SB19-12	1	8/3/2016	1146	X		X	X	X											
-49	SB19-24	1	8/3/2016	1150	X		X	X	X											
-50	SB20-00	✓	8/3/2016	1126	X		X	X	X	X										
-51	SB20-12	✓	8/3/2016	1130	X		X	X	X	X										
-52	SB20-24	✓	8/3/2016	1133	X		X	X	X	X										
-53	SB21-00	✓	8/1/2016	1310	X		X	X	X	X										
-54	SB21-12	✓	8/1/2016	1314	X		X	X	X	X										
-55	SB21-24	1	8/1/2016	1316	X		X	X	X	X										
Relinquished By:	<i>[Signature]</i>	Received By:	<i>[Signature]</i>	Date and Time: 8/4/16 1440																
Relinquished By:	<i>[Signature]</i>	Received By:	<i>[Signature]</i>	Date and Time: 8/4/16 1700																
Relinquished By:	<i>[Signature]</i>	Received By:	<i>[Signature]</i>	Date and Time: 8/4/16 1900																



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 6 of 12

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 Of 2							
Submission #: 16-21628											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>			Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			Other <input type="checkbox"/> (Specify) _____		W <input type="checkbox"/> S <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input type="checkbox"/> Containers: <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received		Emissivity: 0.95 Container: 61615 Thermometer ID: 208		Date/Time 8:4 1855							
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Temperature: (A) 0.5 °C / (C) 0.5 °C		Analyst Init ARL							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		4	5	6	14	15	16	17	18	19	20
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____						Date/Time: 8/5/16 1235					
Sample Numbering Completed By: <u>ARL</u>						Rev 21 05/23/2016					
A = Actual / C = Corrected						[S:\WPDoc\WordPerfect\LAB_DOC\SI\FORMS\SIAMRECrev 20]					



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 7 of 12

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>2</u> of <u>7</u>							
Submission #: <u>16-21628</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / <u>S</u>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>GLASS</u> Thermometer ID: <u>208</u>		Date/Time <u>8:4</u> <u>1855</u>							
Temperature: (A) <u>0.5</u> °C / (C) <u>0.5</u> °C		Analyst Init <u>ARL</u>									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>27</u> <u>28</u> <u>29</u> <u>32</u> <u>33</u> <u>34</u> <u>35</u> <u>36</u> <u>37</u> <u>38</u>									
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: <u>8/5/16</u> <u>1235</u> Rev 21 05/23/2016									
Sample Numbering Completed By: <u>CAA</u>		[S:\WPDoc\WordPerfect\LAB_DOC\SF\FORMS\CSAMRECrev 20]									
A = Actual / C = Corrected											

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 8 of 12

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>3</u> of <u>7</u>							
Submission #: <u>16-21628</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <u>W</u> <u>I</u> <u>S</u>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals <u>Ice Chest</u> <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ <u>Intact?</u> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <u>Intact?</u> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>Clear</u> Thermometer ID: <u>208</u> Temperature: (A) <u>0.5</u> °C / (C) <u>0.5</u> °C		Date/Time <u>8-4-1855</u> Analyst Init <u>ARL</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		39	40	41	42	43	44	45	46	47	48
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: <u>8/5/16 1235</u>				Rev 21 05/23/2016					
Sample Numbering Completed By: <u>CRA</u>						[S:\WPDoc\Word\Perfect\LAB_DOC\IFORMS\SAMRECrev 20]					
A = Actual / C = Corrected											



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 9 of 12

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>4</u> Of <u>7</u>							
Submission #: <u>16-21628</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <u>WIS</u>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ <small>Intact? Yes <input type="checkbox"/> No <input type="checkbox"/></small>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
<input checked="" type="checkbox"/> COC Received <input type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>CLW 91611</u> Thermometer ID: <u>208</u>		Date/Time <u>8-4-1855</u> Analyst Init <u>ARL</u>							
Temperature: (A) <u>0.5</u> °C / (C) <u>0.5</u> °C											
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>79</u>	<u>50</u>	<u>51</u>	<u>52</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
<u>8oz / 16oz / 32oz AR</u> <u>SOIL SLEEVE</u>		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>						
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____						Date/Time: <u>8/5/16</u> <u>1235</u>		Rev 21 06/23/2016			
Sample Numbering Completed By: <u>COA</u>								[S:\WPDoc\WordPerfect\LA8_00CS\FORMS\AMRECrev 20]			
A = Actual / C = Corrected											

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 10 of 12

BC LABORATORIES INC. COOLER RECEIPT FORM

Submission #: 16-21628

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify) _____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify) _____

FREE LIQUID
YES ☐ NO ☒
W S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____

Custody Seals
Ice Chest ☒ Containers ☒
Intact? Yes ☒ No ☐ Intact? Yes ☒ No ☐ None ☐ Comments: _____

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received
☒ YES ☐ NO

Emissivity: 0.95 Container: A clear glass Thermometer ID: 208 Date/Time 8/4/85
Temperature: (A) 3.1 °C (C) 3.1 °C Analyst Init ARL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	10	53	54	55	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____

Sample Numbering Completed By: _____

Date/Time: 8/5/16 1235

Rev 21 05/23/2016
[S:\WPDoc\WordPerfect\LAB\DOCS\FORMS\SAMRECrev 20]

Δ = Actual / C = Corrected

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 11 of 12

COOLER RECEIPT FORM		Page <u>6</u> of <u>7</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
BC LABORATORIES INC.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Submission #: <u>16-21628</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Custody Seals: Ice Chest <input type="checkbox"/> Containers: <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>CLM</u> Thermometer ID: <u>208</u> Date/Time: <u>8-4-1855</u> Temperature: (A) <u>0.0</u> °C / (C) <u>0.0</u> °C Analyst Init: <u>ARC</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
SAMPLE NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SAMPLE CONTAINERS	<table border="1"><thead><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th></tr></thead><tbody><tr><td>QT PE UNPRES</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4oz / 8oz / 16oz PE UNPRES</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2oz Cr⁶</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT INORGANIC CHEMICAL METALS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT CYANIDE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT NITROGEN FORMS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT TOTAL SULFIDE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2oz. NITRATE / NITRITE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT TOTAL ORGANIC CARBON</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT CHEMICAL OXYGEN DEMAND</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PIA PHENOLICS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml VOA VIAL TRAVEL BLANK</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml VOA VIAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 1664</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT ODOR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>RADIOLOGICAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>BACTERIOLOGICAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40 ml VOA VIAL- 504</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 508/608/8080</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 515.1/8150</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 525</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 525 TRAVEL BLANK</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml EPA 547</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml EPA 531.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8oz EPA 548</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 549</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 8015M</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 8270</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8oz / 16oz / 32oz AMBER</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td><td>A</td></tr><tr><td>8oz / 16oz / 32oz JAR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SOIL SLEEVE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PCB VIAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PLASTIC BAG</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TEDLAR BAG</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FERROUS IRON</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ENCORE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SMART KIT</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SUMMA CANISTER</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>												1	2	3	4	5	6	7	8	9	10	11	12	13	14	QT PE UNPRES														4oz / 8oz / 16oz PE UNPRES														2oz Cr ⁶														QT INORGANIC CHEMICAL METALS														INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz														PT CYANIDE														PT NITROGEN FORMS														PT TOTAL SULFIDE														2oz. NITRATE / NITRITE														PT TOTAL ORGANIC CARBON														PT CHEMICAL OXYGEN DEMAND														PIA PHENOLICS														40ml VOA VIAL TRAVEL BLANK														40ml VOA VIAL														QT EPA 1664														PT ODOR														RADIOLOGICAL														BACTERIOLOGICAL														40 ml VOA VIAL- 504														QT EPA 508/608/8080														QT EPA 515.1/8150														QT EPA 525														QT EPA 525 TRAVEL BLANK														40ml EPA 547														40ml EPA 531.1														8oz EPA 548														QT EPA 549														QT EPA 8015M														QT EPA 8270														8oz / 16oz / 32oz AMBER	A	A	A	A	A	A	A	A	A	A	A	A	A	8oz / 16oz / 32oz JAR														SOIL SLEEVE														PCB VIAL														PLASTIC BAG														TEDLAR BAG														FERROUS IRON														ENCORE														SMART KIT														SUMMA CANISTER													
1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
QT PE UNPRES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
4oz / 8oz / 16oz PE UNPRES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2oz Cr ⁶																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT INORGANIC CHEMICAL METALS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PT CYANIDE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PT NITROGEN FORMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PT TOTAL SULFIDE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2oz. NITRATE / NITRITE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PT TOTAL ORGANIC CARBON																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PT CHEMICAL OXYGEN DEMAND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PIA PHENOLICS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
40ml VOA VIAL TRAVEL BLANK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
40ml VOA VIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 1664																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PT ODOR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
RADIOLOGICAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
BACTERIOLOGICAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
40 ml VOA VIAL- 504																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 508/608/8080																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 515.1/8150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 525																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 525 TRAVEL BLANK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
40ml EPA 547																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
40ml EPA 531.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
8oz EPA 548																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 549																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 8015M																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
QT EPA 8270																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
8oz / 16oz / 32oz AMBER	A	A	A	A	A	A	A	A	A	A	A	A	A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
8oz / 16oz / 32oz JAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SOIL SLEEVE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PCB VIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
PLASTIC BAG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
TEDLAR BAG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
FERROUS IRON																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
ENCORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SMART KIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
SUMMA CANISTER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Comments: _____		Date/Time: <u>8/5/16 1235</u>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Sample Numbering Completed By: <u>COA</u>		Rev 21 05/23/2016 [S:\WPDoc\WordPerfect\LAB\DOCS\FORMS\SAMRECrev 20]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621628 Page 12 of 12

COOLER RECEIPT FORM		Page <u>7</u> of <u>7</u>
BC LABORATORIES INC.		
Submission #: <u>16-21628</u>		
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____
		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>644</u> Thermometer ID: <u>208</u> Date/Time: <u>8.4.1855</u> Temperature: (A) <u>0.0</u> °C / (C) <u>0.0</u> °C Analyst Init: <u>ARL</u>
SAMPLE CONTAINERS		SAMPLE NUMBERS
		<u>22</u> <u>23</u> <u>24</u> <u>25</u> <u>26</u> <u>30</u> <u>31</u> <u>8</u> <u>9</u> <u>10</u>
QT PE UNPRES		
4oz / 8oz / 16oz PE UNPRES		
2oz Cr ⁶		
QT INORGANIC CHEMICAL METALS		
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz		
PT CYANIDE		
PT NITROGEN FORMS		
PT TOTAL SULFIDE		
2oz. NITRATE / NITRITE		
PT TOTAL ORGANIC CARBON		
PT CHEMICAL OXYGEN DEMAND		
PIA PHENOLICS		
40ml VOA VIAL TRAVEL BLANK		
40ml VOA VIAL		
QT EPA 1664		
PT ODOR		
RADIOLOGICAL		
BACTERIOLOGICAL		
40 ml VOA VIAL- 504		
QT EPA 508/608/8080		
QT EPA 515.1/8150		
QT EPA 525		
QT EPA 525 TRAVEL BLANK		
40ml EPA 547		
40ml EPA 531.1		
8oz EPA 548		
QT EPA 549		
QT EPA 8015M		
QT EPA 8270		
8oz / 16oz / 32oz AMBER		<u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u> <u>A</u>
8oz / 16oz / 32oz JAR		
SOIL SLEEVE		
PCB VIAL		
PLASTIC BAG		
TEDLAR BAG		
FERROUS IRON		
ENCORE		
SMART KIT		
SUMMA CANISTER		
Comments: _____		Date/Time: <u>8/5/16 1235</u>
Sample Numbering Completed By: <u>LBA</u>		Rev 21 05/23/2016 (S:\WPDec\WordPerfect\LAB_DOC\FORMS\ISAMRECrev 20)

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-01	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 15:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-02	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 15:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-03	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 16:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-04	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 07:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-05	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 07:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-06	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 07:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-07	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 07:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-08	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 07:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-09	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 07:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-10	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 16:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-11	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 16:11
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB5-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-12	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 16:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB5-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-13	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 16:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB5-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-14	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 16:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-15	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 16:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-16	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 08:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-17	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 08:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-18	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-19	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 08:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-20	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 08:43
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-21	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 17:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-22	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 17:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-23	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 17:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-24	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB10-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-25	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB10-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-26	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:43
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB10-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-27	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:19
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-28	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-29	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-30	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 08:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB12-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-31	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB12-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-32	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 17:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB13-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-33	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 17:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB13-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-34	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 18:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB13-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-35	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-36	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 10:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-37	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 10:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-38	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 10:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-39	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB16-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-40	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 09:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB16-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-41	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 12:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-42	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 12:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-43	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 12:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-44	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 12:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-45	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 12:44
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-46	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 12:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-47	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-48	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-49	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621628-50	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB20-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-51	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB20-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-52	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 11:33
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB20-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-53	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 13:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB21-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-54	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 13:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB21-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621628-55	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 13:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB21-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-01		Client Sample Name: SB1-00, 8/1/2016 3:54:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	0.00063	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.0013	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.00053	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.00014	mg/kg	0.00050	0.000070	EPA-8081A	8.0	J	1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	74.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	67.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	RunDate/Time	Analyst	Instrument	Dilution	QCBatch ID
1	EPA-8081A	08/10/16	08/12/16 18:57	HKS	GC-17	1.003	BZH1159

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-01	Client Sample Name:	SB1-00, 8/1/2016 3:54:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	10	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 15:05	JCC	PE-OP3	2	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-02	Client Sample Name:	SB1-12, 8/1/2016 3:56:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	28	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 10:51	JCC	PE-OP3	5	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-03	Client Sample Name:	SB1-24, 8/1/2016 4:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	4.7	mg/kg	2.0	0.80	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:23	JCC	PE-OP3	1.887	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-04		Client Sample Name: SB2-00, 8/3/2016 7:24:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.017	mg/kg	0.050	0.0015	EPA-8081A	2.5	J	1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.00066	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0011	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	72.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	59.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 21:08	HKS	GC-17	1.014	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-04	Client Sample Name:	SB2-00, 8/3/2016 7:24:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	59	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:28	JCC	PE-OP3	0.917	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-05	Client Sample Name:	SB2-12, 8/3/2016 7:29:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.1	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:12	JCC	PE-OP3	4.808	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-07		Client Sample Name: SB3-00, 8/3/2016 7:47:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.022	mg/kg	0.25	0.0075	EPA-8081A	2.5	J,A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0026	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0029	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	79.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	61.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 22:35	HKS	GC-17	5.034	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-07	Client Sample Name:	SB3-00, 8/3/2016 7:47:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	110	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:06	JCC	PE-OP3	1.835	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-08	Client Sample Name:	SB3-12, 8/3/2016 7:49:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	7.9	mg/kg	12	1.4	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:14	JCC	PE-OP3	4.854	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-10		Client Sample Name: SB4-00, 8/2/2016 4:28:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	68.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	60.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 19:12	HKS	GC-17	1.007	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-10	Client Sample Name:	SB4-00, 8/2/2016 4:28:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	26	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	4.4	mg/kg	5.0	0.56	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:07	JCC	PE-OP3	1.942	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-11		Client Sample Name: SB5-00, 8/2/2016 4:11:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	71.3	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	54.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 21:37	HKS	GC-17	2.013	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621628-11		Client Sample Name: SB5-00, 8/2/2016 4:11:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	9.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	5.9	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:32	JCC	PE-OP3	0.980	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-14		Client Sample Name: SB6-00, 8/2/2016 4:54:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	71.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	61.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 19:26	HKS	GC-17	1.010	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-14	Client Sample Name:	SB6-00, 8/2/2016 4:54:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	4.2	mg/kg	12	1.4	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:10	JCC	PE-OP3	4.902	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-15	Client Sample Name:	SB6-12, 8/2/2016 4:59:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.0	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:15	JCC	PE-OP3	4.808	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-16		Client Sample Name: SB7-00, 8/3/2016 8:51:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	73.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	61.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 19:41	HKS	GC-17	1.007	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-16	Client Sample Name:	SB7-00, 8/3/2016 8:51:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	94	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:11	JCC	PE-OP3	1.835	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-17	Client Sample Name:	SB7-12, 8/3/2016 8:56:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	8.9	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	15	mg/kg	12	1.4	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:17	JCC	PE-OP3	4.673	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-19		Client Sample Name: SB8-00, 8/3/2016 8:30:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	0.00069	mg/kg	0.0010	0.00016	EPA-8081A	1.0	J,A10	1
Dieldrin	ND	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	69.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	58.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 22:06	HKS	GC-17	2.013	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621628-19		Client Sample Name: SB8-00, 8/3/2016 8:30:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	18	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	11	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:13	JCC	PE-OP3	1.887	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-20	Client Sample Name:	SB8-12, 8/3/2016 8:43:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:19	JCC	PE-OP3	4.902	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-21		Client Sample Name: SB9-00, 8/2/2016 5:26:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.0080	mg/kg	0.10	0.0030	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.0027	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0028	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0051	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.0011	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	52.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	41.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 22:21	HKS	GC-17	2.007	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-21	Client Sample Name:	SB9-00, 8/2/2016 5:26:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	170	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:38	JCC	PE-OP3	0.926	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-22	Client Sample Name:	SB9-12, 8/2/2016 5:29:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	7.4	mg/kg	12	1.4	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:20	JCC	PE-OP3	4.673	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-24		Client Sample Name: SB10-00, 8/3/2016 9:35:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	68.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	60.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 21:52	HKS	GC-17	2.020	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621628-24	Client Sample Name:	SB10-00, 8/3/2016 9:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	63.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/10/16	08/11/16 13:22	HKS	GC-15	1.007	BZH1085

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-24	Client Sample Name:	SB10-00, 8/3/2016 9:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	7.6	mg/kg	12	1.4	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:14	JCC	PE-OP3	4.902	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-27		Client Sample Name: SB11-00, 8/3/2016 9:19:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0095	0.0010	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0095	0.0012	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0095	0.0013	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0095	0.0011	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0095	0.00065	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.95	0.028	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0095	0.0016	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0095	0.0016	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0024	mg/kg	0.0095	0.0015	EPA-8081A	1.0	J,A10	1
Dieldrin	ND	mg/kg	0.0095	0.0013	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0095	0.0017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0095	0.0021	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0095	0.0019	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0095	0.0017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0095	0.0018	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0095	0.0011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0095	0.0015	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0095	0.0021	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.95	0.025	EPA-8081A	5	A10	1
TCMX (Surrogate)	49.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	44.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 22:50	HKS	GC-17	18.987	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-27	Client Sample Name:	SB11-00, 8/3/2016 9:19:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	26	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:16	JCC	PE-OP3	1.869	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-28	Client Sample Name:	SB11-12, 8/3/2016 9:22:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:22	JCC	PE-OP3	4.587	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-29	Client Sample Name:	SB11-24, 8/3/2016 9:26:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:13	JCC	PE-OP3	5	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-30		Client Sample Name: SB12-00, 8/3/2016 8:04:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.00051	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	95.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	56.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 20:54	HKS	GC-17	1.007	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621628-30		Client Sample Name: SB12-00, 8/3/2016 8:04:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	8.4	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	9.9	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:20	JCC	PE-OP3	1.980	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-32		Client Sample Name: SB13-00, 8/2/2016 5:49:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.00017	mg/kg	0.00050	0.000078	EPA-8081A	1.0	J	1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	103	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	80.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 21:23	HKS	GC-17	1.017	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-32	Client Sample Name:	SB13-00, 8/2/2016 5:49:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	5.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	46	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:48	JCC	PE-OP3	0.917	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-35		Client Sample Name: SB14-00, 8/3/2016 11:12:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	51.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	45.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 23:04	HKS	GC-17	10.101	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-35	Client Sample Name:	SB14-00, 8/3/2016 11:12:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	8.1	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:22	JCC	PE-OP3	1.961	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-36		Client Sample Name: SB15-00, 8/3/2016 10:10:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.042	0.0046	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.042	0.0053	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.042	0.0059	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.042	0.0049	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.042	0.0028	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	4.2	0.12	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.042	0.0071	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0071	mg/kg	0.042	0.0069	EPA-8081A	1.0	J,A10	1
4,4'-DDT	ND	mg/kg	0.042	0.0065	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.042	0.0058	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.042	0.0072	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.042	0.0092	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.042	0.0082	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.042	0.0072	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.042	0.0081	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.042	0.0048	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.042	0.0065	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.042	0.0092	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	4.2	0.11	EPA-8081A	5	A10	1
TCMX (Surrogate)	85.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	79.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 00:17	HKS	GC-17	83.333	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-36	Client Sample Name:	SB15-00, 8/3/2016 10:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	15	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:23	JCC	PE-OP3	1.961	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-37	Client Sample Name:	SB15-12, 8/3/2016 10:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.9	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:24	JCC	PE-OP3	4.630	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-39		Client Sample Name: SB16-00, 8/3/2016 9:51:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0020	mg/kg	0.0050	0.00078	EPA-8081A	1.0	J,A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	102	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	74.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 00:32	HKS	GC-17	10.135	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621628-39		Client Sample Name: SB16-00, 8/3/2016 9:51:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	9.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	14	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:52	JCC	PE-OP3	1	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-41		Client Sample Name: SB17-00, 8/3/2016 12:00:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.083	0.0092	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.083	0.011	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.083	0.012	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.083	0.0098	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.083	0.0057	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	8.3	0.25	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.083	0.014	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.083	0.014	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.083	0.013	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.083	0.012	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.083	0.014	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.083	0.018	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.083	0.016	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.083	0.014	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.083	0.016	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.083	0.0095	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.083	0.013	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.083	0.018	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	8.3	0.22	EPA-8081A	5	A10	1
TCMX (Surrogate)	97.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	83.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 00:46	HKS	GC-17	166.67	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-41	Client Sample Name:	SB17-00, 8/3/2016 12:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	110	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:53	JCC	PE-OP3	0.971	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-42	Client Sample Name:	SB17-12, 8/3/2016 12:04:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	4.6	mg/kg	12	1.4	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:32	JCC	PE-OP3	4.762	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-44		Client Sample Name: SB18-00, 8/3/2016 12:41:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0097	0.0011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0097	0.0012	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0097	0.0014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0097	0.0011	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0097	0.00066	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.97	0.029	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0097	0.0017	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0097	0.0016	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0097	0.0015	EPA-8081A	1.0	A10	1
Dieldrin	0.0014	mg/kg	0.0097	0.0014	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0097	0.0017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0097	0.0021	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0097	0.0019	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0097	0.0017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0097	0.0019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0097	0.0011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0097	0.0015	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0097	0.0021	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.97	0.025	EPA-8081A	5	A10	1
TCMX (Surrogate)	38.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	28.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 01:01	HKS	GC-17	19.481	BZH1159

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-44	Client Sample Name:	SB18-00, 8/3/2016 12:41:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	13	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:24	JCC	PE-OP3	1.869	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-45	Client Sample Name:	SB18-12, 8/3/2016 12:44:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	5.2	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:34	JCC	PE-OP3	4.808	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-47		Client Sample Name: SB19-00, 8/3/2016 11:42:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	76.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	54.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 01:15	HKS	GC-17	10.033	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-47	Client Sample Name:	SB19-00, 8/3/2016 11:42:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	5.5	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:26	JCC	PE-OP3	1.905	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621628-48	Client Sample Name:	SB19-12, 8/3/2016 11:46:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.5	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/06/16 11:35	JCC	PE-OP3	4.673	BZI0155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-50		Client Sample Name: SB20-00, 8/3/2016 11:26:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.079	0.0087	EPA-8081A	1.4	A10	1
alpha-BHC	0.023	mg/kg	0.079	0.010	EPA-8081A		J,A10	1
beta-BHC	ND	mg/kg	0.079	0.011	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.079	0.0093	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.079	0.0054	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	7.9	0.24	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.079	0.013	EPA-8081A	1.0	A10	1
4,4'-DDE	0.015	mg/kg	0.079	0.013	EPA-8081A	1.0	J,A10	1
4,4'-DDT	ND	mg/kg	0.079	0.012	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.079	0.011	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.079	0.014	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.079	0.017	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.079	0.016	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.079	0.014	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.079	0.015	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.079	0.0090	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.079	0.012	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.079	0.017	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	7.9	0.21	EPA-8081A	5	A10	1
TCMX (Surrogate)	73.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	54.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 01:30	HKS	GC-17	157.89	BZH1159

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621628-50	Client Sample Name:	SB20-00, 8/3/2016 11:26:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.16	0.062	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.16	0.11	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.16	0.12	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.16	0.066	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.16	0.11	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.16	0.051	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.16	0.046	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.16	0.079	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	78.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/10/16	08/11/16 13:33	HKS	GC-15	15.789	BZH1085

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-50	Client Sample Name:	SB20-00, 8/3/2016 11:26:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	8.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	23	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:57	JCC	PE-OP3	0.926	BZH0819

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621628-53		Client Sample Name: SB21-00, 8/1/2016 1:10:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	73.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	65.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 05:16	HKS	GC-17	10.101	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621628-53	Client Sample Name:	SB21-00, 8/1/2016 1:10:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	9.3	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	9.4	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 14:07	JCC	PE-OP3	0.980	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1159						
Aldrin	BZH1159-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZH1159-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZH1159-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZH1159-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZH1159-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZH1159-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZH1159-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZH1159-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZH1159-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZH1159-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZH1159-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZH1159-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZH1159-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZH1159-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZH1159-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZH1159-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZH1159-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZH1159-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZH1159-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZH1159-BLK1	74.9	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZH1159-BLK1	83.3	%	40 - 130 (LCL - UCL)		

QC Batch ID: BZH1163						
Aldrin	BZH1163-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZH1163-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZH1163-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZH1163-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZH1163-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZH1163-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZH1163-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZH1163-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZH1163-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZH1163-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZH1163-BLK1	ND	mg/kg	0.00050	0.000087	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1163						
Endosulfan II	BZH1163-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZH1163-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZH1163-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZH1163-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZH1163-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZH1163-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZH1163-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZH1163-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZH1163-BLK1	82.1	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZH1163-BLK1	59.7	%	40 - 130 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZH1159										
Aldrin	BZH1159-BS1	LCS	0.0043220	0.0049342	mg/kg	87.6		70 - 130		
gamma-BHC (Lindane)	BZH1159-BS1	LCS	0.0043128	0.0049342	mg/kg	87.4		60 - 140		
4,4'-DDT	BZH1159-BS1	LCS	0.0039803	0.0049342	mg/kg	80.7		60 - 140		
Dieldrin	BZH1159-BS1	LCS	0.0046490	0.0049342	mg/kg	94.2		70 - 130		
Endrin	BZH1159-BS1	LCS	0.0046480	0.0049342	mg/kg	94.2		60 - 140		
Heptachlor	BZH1159-BS1	LCS	0.0041230	0.0049342	mg/kg	83.6		60 - 140		
TCMX (Surrogate)	BZH1159-BS1	LCS	0.0085092	0.0098684	mg/kg	86.2		20 - 130		
Decachlorobiphenyl (Surrogate)	BZH1159-BS1	LCS	0.017328	0.019737	mg/kg	87.8		40 - 130		
QC Batch ID: BZH1163										
Aldrin	BZH1163-BS1	LCS	0.0052031	0.0050847	mg/kg	102		70 - 130		
gamma-BHC (Lindane)	BZH1163-BS1	LCS	0.0051997	0.0050847	mg/kg	102		60 - 140		
4,4'-DDT	BZH1163-BS1	LCS	0.0052251	0.0050847	mg/kg	103		60 - 140		
Dieldrin	BZH1163-BS1	LCS	0.0057444	0.0050847	mg/kg	113		70 - 130		
Endrin	BZH1163-BS1	LCS	0.0058603	0.0050847	mg/kg	115		60 - 140		
Heptachlor	BZH1163-BS1	LCS	0.0049976	0.0050847	mg/kg	98.3		60 - 140		
TCMX (Surrogate)	BZH1163-BS1	LCS	0.0099081	0.010169	mg/kg	97.4		20 - 130		
Decachlorobiphenyl (Surrogate)	BZH1163-BS1	LCS	0.016056	0.020339	mg/kg	78.9		40 - 130		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1159		Used client sample: N									
Aldrin	MS	1616196-94	ND	0.0042485	0.0049505	mg/kg		85.8		50 - 140	
	MSD	1616196-94	ND	0.0040934	0.0049669	mg/kg	3.7	82.4	30	50 - 140	
gamma-BHC (Lindane)	MS	1616196-94	ND	0.0044416	0.0049505	mg/kg		89.7		50 - 140	
	MSD	1616196-94	ND	0.0042444	0.0049669	mg/kg	4.5	85.5	30	50 - 140	
4,4'-DDT	MS	1616196-94	ND	0.0038974	0.0049505	mg/kg		78.7		50 - 140	
	MSD	1616196-94	ND	0.0036705	0.0049669	mg/kg	6.0	73.9	30	50 - 140	
Dieldrin	MS	1616196-94	ND	0.0044416	0.0049505	mg/kg		89.7		40 - 140	
	MSD	1616196-94	ND	0.0041179	0.0049669	mg/kg	7.6	82.9	30	40 - 140	
Endrin	MS	1616196-94	ND	0.0045409	0.0049505	mg/kg		91.7		50 - 150	
	MSD	1616196-94	ND	0.0041606	0.0049669	mg/kg	8.7	83.8	30	50 - 150	
Heptachlor	MS	1616196-94	ND	0.0041528	0.0049505	mg/kg		83.9		60 - 140	
	MSD	1616196-94	ND	0.0039295	0.0049669	mg/kg	5.5	79.1	30	60 - 140	
TCMX (Surrogate)	MS	1616196-94	ND	0.0080475	0.0099010	mg/kg		81.3		20 - 130	
	MSD	1616196-94	ND	0.0080917	0.0099338	mg/kg	0.5	81.5		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1616196-94	ND	0.017001	0.019802	mg/kg		85.9		40 - 130	
	MSD	1616196-94	ND	0.016305	0.019868	mg/kg	4.2	82.1		40 - 130	
QC Batch ID: BZH1163		Used client sample: N									
Aldrin	MS	1616196-97	ND	0.0055010	0.0050505	mg/kg		109		50 - 140	
	MSD	1616196-97	ND	0.0054963	0.0050167	mg/kg	0.1	110	30	50 - 140	
gamma-BHC (Lindane)	MS	1616196-97	ND	0.0054205	0.0050505	mg/kg		107		50 - 140	
	MSD	1616196-97	ND	0.0053301	0.0050167	mg/kg	1.7	106	30	50 - 140	
4,4'-DDT	MS	1616196-97	ND	0.0042822	0.0050505	mg/kg		84.8		50 - 140	
	MSD	1616196-97	ND	0.0051559	0.0050167	mg/kg	18.5	103	30	50 - 140	
Dieldrin	MS	1616196-97	ND	0.0048360	0.0050505	mg/kg		95.8		40 - 140	
	MSD	1616196-97	ND	0.0047946	0.0050167	mg/kg	0.9	95.6	30	40 - 140	
Endrin	MS	1616196-97	ND	0.0049037	0.0050505	mg/kg		97.1		50 - 150	
	MSD	1616196-97	ND	0.0049987	0.0050167	mg/kg	1.9	99.6	30	50 - 150	
Heptachlor	MS	1616196-97	ND	0.0053572	0.0050505	mg/kg		106		60 - 140	
	MSD	1616196-97	ND	0.0052759	0.0050167	mg/kg	1.5	105	30	60 - 140	
TCMX (Surrogate)	MS	1616196-97	ND	0.0082145	0.010101	mg/kg		81.3		20 - 130	
	MSD	1616196-97	ND	0.0083254	0.010033	mg/kg	1.3	83.0		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1616196-97	ND	0.017217	0.020202	mg/kg		85.2		40 - 130	
	MSD	1616196-97	ND	0.017654	0.020067	mg/kg	2.5	88.0		40 - 130	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1085						
PCB-1016	BZH1085-BLK1	ND	mg/kg	0.010	0.0039	
PCB-1221	BZH1085-BLK1	ND	mg/kg	0.010	0.0072	
PCB-1232	BZH1085-BLK1	ND	mg/kg	0.010	0.0074	
PCB-1242	BZH1085-BLK1	ND	mg/kg	0.010	0.0042	
PCB-1248	BZH1085-BLK1	ND	mg/kg	0.010	0.0070	
PCB-1254	BZH1085-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	BZH1085-BLK1	ND	mg/kg	0.010	0.0029	
Total PCB's (Summation)	BZH1085-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	BZH1085-BLK1	75.0	%	40 - 120 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

								Control Limits		
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
QC Batch ID: BZH1085										
PCB-1016	BZH1085-BS1	LCS	0.091333	0.083333	mg/kg	110		60 - 120		
PCB-1260	BZH1085-BS1	LCS	0.091333	0.083333	mg/kg	110		60 - 120		
Decachlorobiphenyl (Surrogate)	BZH1085-BS1	LCS	0.017000	0.020000	mg/kg	85.0		40 - 120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1085		Used client sample: N									
PCB-1016	MS	1616196-93	ND	0.090169	0.084746	mg/kg		106		60 - 120	
	MSD	1616196-93	ND	0.091060	0.082781	mg/kg	1.0	110	30	60 - 120	
PCB-1260	MS	1616196-93	ND	0.095593	0.084746	mg/kg		113		60 - 120	
	MSD	1616196-93	ND	0.094040	0.082781	mg/kg	1.6	114	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	1616196-93	ND	0.017627	0.020339	mg/kg		86.7		40 - 120	
	MSD	1616196-93	ND	0.017881	0.019868	mg/kg	1.4	90.0		40 - 120	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0819						
Arsenic	BZH0819-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZH0819-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZH0821						
Arsenic	BZH0821-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZH0821-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZI0155						
Arsenic	BZI0155-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZI0155-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZJ0692						
Arsenic	BZJ0692-BLK1	ND	mg/kg	1.0	0.40	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZH0819										
Arsenic	BZH0819-BS1	LCS	11.044	10.000	mg/kg	110		75 - 125		
Lead	BZH0819-BS1	LCS	104.74	100.00	mg/kg	105		75 - 125		
QC Batch ID: BZH0821										
Arsenic	BZH0821-BS1	LCS	10.512	10.000	mg/kg	105		75 - 125		
Lead	BZH0821-BS1	LCS	102.54	100.00	mg/kg	103		75 - 125		
QC Batch ID: BZI0155										
Arsenic	BZI0155-BS1	LCS	9.2939	10.000	mg/kg	92.9		75 - 125		
Lead	BZI0155-BS1	LCS	98.106	100.00	mg/kg	98.1		75 - 125		
QC Batch ID: BZJ0692										
Arsenic	BZJ0692-BS1	LCS	9.3750	10.000	mg/kg	93.7		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0819		Used client sample: Y - Description: SB1-00, 08/01/2016 15:54									
Arsenic	DUP	1621628-01	14.066	15.433		mg/kg	9.3		20		
	MS	1621628-01	14.066	22.673	10.000	mg/kg		86.1		75 - 125	
	MSD	1621628-01	14.066	25.252	10.000	mg/kg	10.8	112	20	75 - 125	
Lead	DUP	1621628-01	10.062	11.757		mg/kg	15.5		20		
	MS	1621628-01	10.062	98.041	100.00	mg/kg		88.0		75 - 125	
	MSD	1621628-01	10.062	96.285	100.00	mg/kg	1.8	86.2	20	75 - 125	
QC Batch ID: BZH0821		Used client sample: Y - Description: SB42-00, 08/02/2016 09:17									
Arsenic	DUP	1621629-59	3.9172	4.1006		mg/kg	4.6		20		
	MS	1621629-59	3.9172	13.201	10.000	mg/kg		92.8		75 - 125	
	MSD	1621629-59	3.9172	13.189	10.000	mg/kg	0.1	92.7	20	75 - 125	
Lead	DUP	1621629-59	3.9637	4.3101		mg/kg	8.4		20		
	MS	1621629-59	3.9637	91.799	100.00	mg/kg		87.8		75 - 125	
	MSD	1621629-59	3.9637	93.773	100.00	mg/kg	2.1	89.8	20	75 - 125	
QC Batch ID: BZI0155		Used client sample: Y - Description: SB1-12, 08/01/2016 15:56									
Arsenic	DUP	1621628-02	28.330	15.050		mg/kg	61.2		20		Q01
	MS	1621628-02	28.330	33.046	10.000	mg/kg		47.2		75 - 125	Q03
	MSD	1621628-02	28.330	29.778	10.000	mg/kg	10.4	14.5	20	75 - 125	Q03
Lead	DUP	1621628-02	4.2873	4.0321		mg/kg	6.1		20		J
	MS	1621628-02	4.2873	93.488	100.00	mg/kg		89.2		75 - 125	
	MSD	1621628-02	4.2873	93.660	100.00	mg/kg	0.2	89.4	20	75 - 125	
QC Batch ID: BZJ0692		Used client sample: Y - Description: SB11-24, 08/03/2016 09:26									
Arsenic	DUP	1621628-29	13.082	13.494		mg/kg	3.1		20		
	MS	1621628-29	13.082	18.455	10.000	mg/kg		53.7		75 - 125	Q03
	MSD	1621628-29	13.082	18.267	10.000	mg/kg	1.0	51.9	20	75 - 125	Q03

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 10/13/2016 14:42
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
A10	Detection and quantitation limits were raised due to matrix interference.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Date of Report: 11/18/2016

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: 16-201-005
BCL Project: LAUSD - San Pedro HS
BCL Work Order: 1621629
Invoice ID: B243980, B245310, B249070, B252369

Enclosed are the results of analyses for samples received by the laboratory on 8/4/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	6
Laboratory / Client Sample Cross Reference.....	24

Sample Results

1621629-01 - SB22-00	
Organochlorine Pesticides (EPA Method 8081A).....	36
Total Concentrations (TTLC).....	37
1621629-02 - SB22-12	
Total Concentrations (TTLC).....	38
1621629-04 - SB23-00	
Organochlorine Pesticides (EPA Method 8081A).....	39
WET Test (STLC).....	40
TCLP Toxicity.....	41
Total Concentrations (TTLC).....	42
1621629-05 - SB23-12	
Total Concentrations (TTLC).....	43
1621629-07 - SB24-00	
Organochlorine Pesticides (EPA Method 8081A).....	44
Total Concentrations (TTLC).....	45
1621629-10 - SB25-00	
Organochlorine Pesticides (EPA Method 8081A).....	46
Total Concentrations (TTLC).....	47
1621629-11 - SB25-12	
Organochlorine Pesticides (EPA Method 8081A).....	48
Total Concentrations (TTLC).....	49
1621629-12 - SB25-24	
Total Concentrations (TTLC).....	50
1621629-13 - SB26-00	
Organochlorine Pesticides (EPA Method 8081A).....	51
Total Concentrations (TTLC).....	52
1621629-14 - SB26-12	
Organochlorine Pesticides (EPA Method 8081A).....	53
Total Concentrations (TTLC).....	54
1621629-16 - SB27-00	
Organochlorine Pesticides (EPA Method 8081A).....	55
Total Concentrations (TTLC).....	56
1621629-17 - SB27-12	
Total Concentrations (TTLC).....	57
1621629-18 - SB27-24	
Total Concentrations (TTLC).....	58
1621629-19 - SB28-00	
Organochlorine Pesticides (EPA Method 8081A).....	59
Total Concentrations (TTLC).....	60
1621629-22 - SB29-00	
Organochlorine Pesticides (EPA Method 8081A).....	61
Total Concentrations (TTLC).....	62
1621629-23 - SB29-12	
Organochlorine Pesticides (EPA Method 8081A).....	63
1621629-25 - SB30-00	
Organochlorine Pesticides (EPA Method 8081A).....	64
Organochlorine Pesticides (EPA Method 8081A) (TCLP Extract).....	65
PCB Analysis (EPA Method 8082).....	66
Total Concentrations (TTLC).....	67
1621629-26 - SB30-12	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Table of Contents

Organochlorine Pesticides (EPA Method 8081A).....	68
1621629-28 - SB31-00	
Organochlorine Pesticides (EPA Method 8081A).....	69
Total Concentrations (TTLC).....	70
1621629-29 - SB31-12	
Organochlorine Pesticides (EPA Method 8081A).....	71
Total Concentrations (TTLC).....	72
1621629-31 - SB32-00	
Organochlorine Pesticides (EPA Method 8081A).....	73
Total Concentrations (TTLC).....	74
1621629-34 - SB33-00	
Organochlorine Pesticides (EPA Method 8081A).....	75
Total Concentrations (TTLC).....	76
1621629-35 - SB34-00	
Organochlorine Pesticides (EPA Method 8081A).....	77
Total Concentrations (TTLC).....	78
1621629-36 - SB34-12	
Total Concentrations (TTLC).....	79
1621629-38 - SB35-00	
Organochlorine Pesticides (EPA Method 8081A).....	80
Total Concentrations (TTLC).....	81
1621629-41 - SB36-00	
Organochlorine Pesticides (EPA Method 8081A).....	82
Total Concentrations (TTLC).....	83
1621629-42 - SB36-12	
Organochlorine Pesticides (EPA Method 8081A).....	84
Total Concentrations (TTLC).....	85
1621629-44 - SB37-00	
Organochlorine Pesticides (EPA Method 8081A).....	86
Total Concentrations (TTLC).....	87
1621629-45 - SB37-12	
Total Concentrations (TTLC).....	88
1621629-47 - SB38-00	
Organochlorine Pesticides (EPA Method 8081A).....	89
Total Concentrations (TTLC).....	90
1621629-50 - SB39-00	
Organochlorine Pesticides (EPA Method 8081A).....	91
Total Concentrations (TTLC).....	92
1621629-53 - SB40-00	
Organochlorine Pesticides (EPA Method 8081A).....	93
PCB Analysis (EPA Method 8082).....	94
Total Concentrations (TTLC).....	95
1621629-56 - SB41-00	
Organochlorine Pesticides (EPA Method 8081A).....	96
Total Concentrations (TTLC).....	97
1621629-57 - SB41-12	
Total Concentrations (TTLC).....	98
1621629-59 - SB42-00	
Organochlorine Pesticides (EPA Method 8081A).....	99
Total Concentrations (TTLC).....	100
1621629-62 - SB43-00	
Organochlorine Pesticides (EPA Method 8081A).....	101
Total Concentrations (TTLC).....	102
1621629-65 - SB44-00	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Organochlorine Pesticides (EPA Method 8081A).....	103
Total Concentrations (TTLC).....	104
1621629-66 - SB44-12	
Total Concentrations (TTLC).....	105
1621629-68 - SB45-00	
Organochlorine Pesticides (EPA Method 8081A).....	106
Total Concentrations (TTLC).....	107
1621629-71 - SB46-00	
Organochlorine Pesticides (EPA Method 8081A).....	108
Total Concentrations (TTLC).....	109
1621629-72 - SB46-12	
Organochlorine Pesticides (EPA Method 8081A).....	110
Total Concentrations (TTLC).....	111
1621629-73 - SB46-24	
Total Concentrations (TTLC).....	112
1621629-74 - SB47-00	
Organochlorine Pesticides (EPA Method 8081A).....	113
Total Concentrations (TTLC).....	114
1621629-75 - SB47-12	
Total Concentrations (TTLC).....	115
1621629-76 - SB48-00	
Organochlorine Pesticides (EPA Method 8081A).....	116
PCB Analysis (EPA Method 8082).....	117
Volatile Organic Analysis (EPA Method 8260B/5035).....	118
Total Petroleum Hydrocarbons.....	121
Total Concentrations (TTLC).....	122
1621629-77 - SB48-12	
Organochlorine Pesticides (EPA Method 8081A).....	123
PCB Analysis (EPA Method 8082).....	124
Volatile Organic Analysis (EPA Method 8260B/5035).....	125
Total Petroleum Hydrocarbons.....	128
Total Concentrations (TTLC).....	129
1621629-78 - SB48-24	
Organochlorine Pesticides (EPA Method 8081A).....	130
PCB Analysis (EPA Method 8082).....	131
Volatile Organic Analysis (EPA Method 8260B/5035).....	132
Total Petroleum Hydrocarbons.....	135
Total Concentrations (TTLC).....	136
1621629-79 - SB48-48	
Organochlorine Pesticides (EPA Method 8081A).....	137
PCB Analysis (EPA Method 8082).....	138
Volatile Organic Analysis (EPA Method 8260B/5035).....	139
Total Petroleum Hydrocarbons.....	142
Total Concentrations (TTLC).....	143
1621629-80 - SB48-96	
Organochlorine Pesticides (EPA Method 8081A).....	144
PCB Analysis (EPA Method 8082).....	145
Volatile Organic Analysis (EPA Method 8260B/5035).....	146
Total Petroleum Hydrocarbons.....	149
Total Concentrations (TTLC).....	150
1621629-81 - SB49-48	
PCB Analysis (EPA Method 8082).....	151
Volatile Organic Analysis (EPA Method 8260B/5035).....	152
Total Petroleum Hydrocarbons.....	155

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Table of Contents

1621629-82 - SB49-96	
PCB Analysis (EPA Method 8082).....	156
Volatile Organic Analysis (EPA Method 8260B/5035).....	157
Total Petroleum Hydrocarbons.....	160
Total Concentrations (TTLC).....	161
1621629-83 - SB50-00	
PCB Analysis (EPA Method 8082).....	162
Quality Control Reports	
Organochlorine Pesticides (EPA Method 8081A)	
Method Blank Analysis.....	163
Laboratory Control Sample.....	165
Precision and Accuracy.....	166
Organochlorine Pesticides (EPA Method 8081A) (TCLP Extract)	
Method Blank Analysis.....	168
Laboratory Control Sample.....	169
Precision and Accuracy.....	170
PCB Analysis (EPA Method 8082)	
Method Blank Analysis.....	171
Laboratory Control Sample.....	172
Precision and Accuracy.....	173
Volatile Organic Analysis (EPA Method 8260B/5035)	
Method Blank Analysis.....	174
Laboratory Control Sample.....	176
Precision and Accuracy.....	177
Total Petroleum Hydrocarbons	
Method Blank Analysis.....	178
Laboratory Control Sample.....	179
Precision and Accuracy.....	180
WET Test (STLC)	
Method Blank Analysis.....	181
Laboratory Control Sample.....	182
Precision and Accuracy.....	183
TCLP Toxicity	
Method Blank Analysis.....	184
Laboratory Control Sample.....	185
Precision and Accuracy.....	186
Total Concentrations (TTLC)	
Method Blank Analysis.....	187
Laboratory Control Sample.....	188
Precision and Accuracy.....	189
Notes	
Notes and Definitions.....	190



16-21629

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information		Sample Matrix		Analysis Requested	
Name: E2Manageteck, Inc.		Phone: office: 562-740-1060			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS			
Attn: Travis Stravanski (tstravanski@e2mt.com)		Project #: 16-201-005			
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#			
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold					
Lab#	Sample ID	# of Containers	Date	Time	
-1	SB22-00	1	8/1/2016	1214	X
-2	SB22-12	1	8/1/2016	1221	X
-3	SB22-24	1	8/1/2016	1234	X
-4	SB23-00	1	8/1/2016	1135	X
-5	SB23-12	1	8/1/2016	1140	X
-6	SB23-24	1	8/1/2016	1145	X
-7	SB24-00	1	8/1/2016	1102	X
-8	SB24-12	1	8/1/2016	1107	X
-9	SB24-24	1	8/1/2016	1111	X
-10	SB25-00	1	8/2/2016	1450	X
-11	SB25-12	1	8/2/2016	1454	X
-12	SB25-24	1	8/2/2016	1500	X
Relinquished By: [Signature]					Received By: [Signature]
Relinquished By: [Signature]					Received By: [Signature]
Relinquished By: [Signature]					Received By: [Signature]

Analysis Requested	Lead - EPA Method 6010B	Arsenic - EPA Method 6010B	Organochlorine Pesticides - EPA Method 8081	Polychlorinated Biphenyls - EPA Method 8082	TPH (gas, diesel, oil) - EPA Method 8015	VOCs - EPA Method 8260B	CAM 22/122 Metals
Water	X	X	X	X	X	X	X
Soil	X	X	X	X	X	X	X

CHK BY: [Signature] DISTRIBUTION: [Signature] SUB-OUT: [Signature]

Date and Time: 8/14/16 1440
Date and Time: 8/17/16 1700
Date and Time: 8-16/16 1900



Chain of Custody and Cooler Receipt Form for 1621629 Page 2 of 18

16-21629

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information		Sample Matrix		Analysis Requested	
Name: E2Managetechn, Inc.		Phone: office: 562-740-1060			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS			
Attn: Travis Stravanski (tstravanski@e2mt.com)		Project #: 16-201-005			
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#			
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold					
Lab#	Sample ID	# of Containers	Date	Time	
-13	SB26-00	1	8/2/2016	1521	
-14	SB26-12	1	8/2/2016	1527	
-15	SB26-24	1	8/2/2016	1529	
-16	SB27-00	1	8/2/2016	1515	
-17	SB27-12	1	8/2/2016	1517	
-18	SB27-24	1	8/2/2016	1518	
-19	SB28-00	1	8/2/2016	1420	
-20	SB28-12	1	8/2/2016	1425	
-21	SB28-24	1	8/2/2016	1431	
-22	SB29-00	1	8/1/2016	1345	
-23	SB29-12	1	8/1/2016	1350	
-24	SB29-24	1	8/1/2016	1400	
Relinquished By:		Received By:		Date and Time: 8/4/16 1440	
Relinquished By:		Received By:		Date and Time: 8/4/16 1700	
Relinquished By:		Received By:		Date and Time: 8/4/16 1900	

16-21929

Page 8 of 190

6-21629

Page 9 of 190



16-21629

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information		Sample Matrix		Analysis Requested	
Name: E2Managetechn, Inc.		Phone: office: 562-740-1060			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS			
Attn: Travis Stravanski (tstravanski@e2mt.com)		Project #: 16-201-005			
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#			
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold					
Lab#	Sample ID	# of Containers	Date	Time	
-47	S838-00	1	8/2/2016	0800	X
-48	S838-12	1	8/2/2016	0804	X
-49	S838-24	1	8/2/2016	0807	X
-50	S839-00	1	8/2/2016	0828	X
-51	S839-12	1	8/2/2016	0833	X
-52	S839-24	1	8/2/2016	0836	X
-53	S840-00	1	8/2/2016	0720	X
-54	S840-12	1	8/2/2016	0723	X
-55	S840-24	1	8/2/2016	0725	X
-56	S841-00	1	8/2/2016	1034	X
-57	S841-12	1	8/2/2016	1038	X
-58	S841-24	1	8/2/2016	1041	X
Relinquished By: [Signature]					Date and Time: 8/4/16 1440
Relinquished By: [Signature]					Date and Time: 8/4/16 1700
Relinquished By: [Signature]					Date and Time: 8/4/16 1900

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



16-21629

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information		Sample Matrix		Analysis Requested	
Name: E2Manageteck, Inc.		Phone: office: 562-740-1060			
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Project: LAUSD - San Pedro HS			
Attn: Travis Stravanski (tstravanski@e2mt.com)		Project #: 16-201-005			
Sampler(s): Kevin Lin; Gabriela Valenzuela		PO#			
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold					
Lab#	Sample ID	# of Containers	Date	Time	
-59	SB42-00	1	8/2/2016	0917	X
-60	SB42-12	1	8/2/2016	0923	X
-61	SB42-24	1	8/2/2016	0929	X
-62	SB43-00	1	8/2/2016	0945	X
-63	SB43-12	1	8/2/2016	0955	X
-64	SB43-24	1	8/2/2016	1001	X
-65	SB44-00	1	8/2/2016	1016	X
-66	SB44-12	1	8/2/2016	1020	X
-67	SB44-24	1	8/2/2016	1023	X
-68	SB45-00	1	8/2/2016	0900	X
-69	SB45-12	1	8/2/2016	0905	X
-70	SB45-24	1	8/2/2016	0908	X
Relinquished By: [Signature]					Date and Time: 8/4/16 1946
Relinquished By: [Signature]					Date and Time: 8/4/16 1700
Relinquished By: [Signature]					Date and Time: 8/4/16 1900



16-21629

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY													
Project Information				Sample Matrix		Analysis Requested											
Name: EZManageteck, Inc.				Phone: office: 562-740-1060													
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815				Project: LAUSD - San Pedro HS													
Attn: Travis Stravassnik (tstravassnik@e2mt.com)				Project #: 16-201-005													
Sampler(s): Kevin Lin; Gabriela Valenzuela				PO#													
Comments: Normal Turnaround Time; Surface samples (-00) are to be tested initially; deeper samples (-12 and -24) on hold																	
** Sample SB48: TEST surface sample for lead arsenic, OCPs, PCBs, TPH, VOCs; HOLD middle samples (-12 and -24); TEST deeper samples (-48 and -96) for PCBs, TPH, VOCs**																	
Lab#	Sample ID	# of Containers	Date	Time	Soil	Water	Lead - EPA Method 6010B	Arsenic - EPA Method 6010B	Organochlorine Pesticides - EPA Method 8081	Polychlorinated Biphenyls - EPA Method 8082	TPH (gas, diesel, oil) - EPA Method 8015	VOCs - EPA Method 8260B	CAM 22/T22 Metals				
-71	SB46-00	1	8/2/2016	1156	X		X	X	X	X							
-72	SB46-12	1	8/2/2016	1204	X		X	X	X	X							
-73	SB46-24	1	8/2/2016	1207	X		X	X	X	X							
-74	SB47-00	1	8/2/2016	1155	X		X	X	X	X							
-75	SB47-12	1	8/2/2016	1200	X		X	X	X	X							
-76	SB48-00	5	8/2/2016	1230	X		X	X	X	X	X	X					
-77	SB48-12	5	8/2/2016	1237	X		X	X	X	X	X	X					
-78	SB48-24	5	8/2/2016	1245	X		X	X	X	X	X	X					
-79	SB48-48	5	8/2/2016	1313	X		X	X	X	X	X	X					
-80	SB48-96	5	8/2/2016	1346	X		X	X	X	X	X	X					
-81	SB49-48	5	8/2/2016	1245	X						X	X					
-82	SB49-96	5	8/2/2016	1320	X						X	X					
Relinquished By:	Received By:		Date and Time: 8/4/16 1440														
Relinquished By:	Received By:		Date and Time: 8/4/16 1760														
Relinquished By:	Received By:		Date and Time: 8/4/16 1900														

[illegible]



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 9 of 18

COOLER RECEIPT FORM													
Page 1 Of 10													
BC LABORATORIES INC.													
Submission #: 16-21629													
SHIPPING INFORMATION						SHIPPING CONTAINER			FREE LIQUID				
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>						Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>				
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify)						Other <input type="checkbox"/> (Specify)			W 15				
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/>						Comments:							
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/>						None <input type="checkbox"/> Comments:							
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>						Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>							
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/>						Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO						Emissivity: 0.95 Container: 6000 Thermometer ID: 208						Date/Time: 8-4-1855	
						Temperature: (A) 0.0 °C / (C) 0.0 °C						Analyst Init: ARC	
SAMPLE NUMBERS													
1 2 3 4 5 6 10 11 12 13													
QT PE UNPRES													
4oz / 8oz / 16oz PE UNPRES													
2oz Cr ⁶													
QT INORGANIC CHEMICAL METALS													
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz													
PT CYANIDE													
PT NITROGEN FORMS													
PT TOTAL SULFIDE													
2oz. NITRATE / NITRITE													
PT TOTAL ORGANIC CARBON													
PT CHEMICAL OXYGEN DEMAND													
PIA PHENOLICS													
40ml VOA VIAL TRAVEL BLANK													
40ml VOA VIAL													
QT EPA 1664													
PT ODOR													
RADIOLOGICAL													
BACTERIOLOGICAL													
40 ml VOA VIAL- 504													
QT EPA 508/608/8080													
QT EPA 515.1/8150													
QT EPA 525													
QT EPA 525 TRAVEL BLANK													
40ml EPA 547													
40ml EPA 531.1													
8oz EPA 548													
QT EPA 549													
QT EPA 8015M													
QT EPA 8270													
8oz / 16oz / 32oz AMBER													
8oz / 16oz / 32oz JAR													
SOIL SLEEVE													
PCB VIAL													
PLASTIC BAG													
TEDLAR BAG													
FERROUS IRON													
ENCORE													
SMART KIT													
SUMMA CANISTER													
A A A A A A A A A A A													
Comments: COA													
Sample Numbering Completed By: _____													
Date/Time: 8/5/16 1235													
Rev 21 05/23/2016													
[S:\WPDoc\WordPerfect\Lab\DOCS\FORMS\ISAMRECrev 20]													

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 10 of 18

COOLER RECEIPT FORM

Page 2 of 10

BC LABORATORIES INC.

Submission #: 16-21629

SHIPPING INFORMATION

Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☒ Other ☐ (Specify)

SHIPPING CONTAINER

Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)

FREE LIQUID

YES ☐ NO ☒ W S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals

Ice Chest ☒ Containers: ☐ None ☒ Comments:

All samples received? Yes ☐ No ☒ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received

YES ☒ NO ☐

Emissivity: 0.95 Container: 6045 Thermometer ID: 208 Date/Time 8:4 1855

Temperature: (A) 0.0 °C / (C) 0.0 °C Analyst Init ARL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	14	15	16	17	18	19	20	21	22	23
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER	A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: JAA

Date/Time: 8/5/16 1235

Rev 21 05/23/2016

[S:\WPDoc\WordPerfect\LAB\DOCS\FORMS\ISAMRECrev 20]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 11 of 18

COOLER RECEIPT FORM		Page 3 of 10								
BC LABORATORIES INC.										
Submission #: 16-21629										
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____								
		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W S								
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____										
Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>										
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: 208 Thermometer ID: 208 Date/Time 8:4 1855 Temperature: (A) 0.0 °C / (C) 0.0 °C Analyst Init ARC								
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	24	25	29	30	44	45	46	47	48	49
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										
Comments: _____		Date/Time: 8/5/16 1235								
Sample Numbering Completed By: _____		Rev 21 05/23/2016 [S:\WPDoc\WordPerfect\Lab\DOCS\FORMS\SAMREC\rev 20]								

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 12 of 18

COOLER RECEIPT FORM

Page 4 of 10

BC LABORATORIES INC.

Submission #: 16-21629

SHIPPING INFORMATION

Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☒ Other ☐ (Specify)

SHIPPING CONTAINER

Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify)

FREE LIQUID

YES ☐ NO ☒ W S

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments:

Intact? Yes ☐ No ☒ Intact? Yes ☐ No ☒

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received YES ☒ NO ☐

Emissivity: 0.95 Container: 6000 Thermometer ID: 208 Date/Time 8:4 1855

Temperature: (A) 0.0 °C / (C) 0.0 °C Analyst Init ARL

SAMPLE CONTAINERS	SAMPLE NUMBERS											
	56	57	58	76	77	78	79	80	81	82		
QT PE UNPRES												
4oz / 8oz / 16oz PE UNPRES												
2oz Cr ⁶												
QT INORGANIC CHEMICAL METALS												
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz												
PT CYANIDE												
PT NITROGEN FORMS												
PT TOTAL SULFIDE												
2oz. NITRATE / NITRITE												
PT TOTAL ORGANIC CARBON												
PT CHEMICAL OXYGEN DEMAND												
PIA PHENOLICS												
40ml VOA VIAL TRAVEL BLANK												
40ml VOA VIAL												
QT EPA 1664												
PT ODOR												
RADIOLOGICAL												
BACTERIOLOGICAL												
40 ml VOA VIAL- 504												
QT EPA 508/608/8080												
QT EPA 515.1/8150												
QT EPA 525												
QT EPA 525 TRAVEL BLANK												
40ml EPA 547												
40ml EPA 531.1												
8oz EPA 548												
QT EPA 549												
QT EPA 8015M												
QT EPA 8270												
8oz / 16oz / 32oz AMBER												
8oz / 16oz / 32oz JAR	A	A	A	E	E	E	E	E	E	E	E	E
SOIL SLEEVE												
PCB VIAL												
PLASTIC BAG												
TEDLAR BAG												
FERROUS IRON												
ENCORE												
SMART KIT												
SUMMA CANISTER												

Comments: CDA

Sample Numbering Completed By: CDA

Date/Time: 8/5/16 1235

Rev 21 05/23/2016

(S:\WPDoc\Word\Perfect\LA8_DOCS\FORMS\ISAMRECrev 20)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 13 of 18

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 13 of 18							
Submission #: 16-21629		SHIPPING INFORMATION		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>							
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	W/S							
BC Lab Field Service <input checked="" type="checkbox"/>	Other <input type="checkbox"/> (Specify)		Ice Chest <input type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/>		Comments:									
Custody Seals: Ice Chest <input type="checkbox"/>		Containers: <input type="checkbox"/>		None <input type="checkbox"/> Comments:							
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: A clear 1/2 gal Thermometer ID: 208		Date/Time 8.4.1855							
		Temperature: (A) 3.1 °C (C) 3.1 °C		Analyst Init ARC							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		7	8	9	25	26	27	31	32	33	34
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments:		Date/Time: 8/5/16 1235									
Sample Numbering Completed By: [Signature]		Rev 21 05/23/2016									
A = Actual / C = Corrected		[S:\WPDoc\WordPerfect\LAB_DOC\FORMS\SAMRECrev 201									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 14 of 18

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 14 of 18							
Submission #: 16-21629		SHIPPING INFORMATION		SHIPPING CONTAINER							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Emissivity: 0.95 Container: A clear Thermometer ID: 208							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Temperature: (A) 3.1 (C) 3.1 °C		Date/Time 8.4.1855 Analyst Init ARL							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		35	36	37	38	39	40	41	42	43	50
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: 8/5/16 1235									
Sample Numbering Completed By: ODA		Rev 21 05/23/2016									
A = Actual / C = Corrected		(S:\WPDoc\WordPerfect\LAB\DOCS\FORMS\SAMRECrev 20)									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 15 of 18

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 15 of 18							
Submission #: <u>16-21629</u>		SHIPPING INFORMATION		SHIPPING CONTAINER							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W 1 S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers: <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>ALUMINUM</u> Thermometer ID: <u>208</u>		Date/Time: <u>8-4-1855</u>							
		Temperature: (A) <u>3.1</u> °C (C) <u>3.1</u> °C		Analyst Init: <u>ARL</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>51 52 53 54 55 59 60 61 68 69</u>									
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		<u>A A A A A A A A A A</u>									
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: <u>8/5/16 12:35</u>		Rev 21 05/23/2016							
Sample Numbering Completed By: <u>AAA</u>				[S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMRECrev 20]							
A = Actual / C = Corrected											

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 16 of 18

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 16 of 18			
Submission #: 16-21629		SHIPPING INFORMATION		SHIPPING CONTAINER			
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>			
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		Custody Seals: Ice Chest <input type="checkbox"/> Containers: <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____					
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>					
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: A 600 9/16/17 Thermometer ID: 208		Date/Time 8:4 1855			
		Temperature: (A) 3.1 8.8 1 (C) 3.1 °C		Analyst Init ARL			
SAMPLE CONTAINERS		SAMPLE NUMBERS					
		70 71 72 73 74 75 76 77 78 79					
QT PE UNPRES							
4oz / 8oz / 16oz PE UNPRES							
2oz Cr ⁶							
QT INORGANIC CHEMICAL METALS							
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz							
PT CYANIDE							
PT NITROGEN FORMS							
PT TOTAL SULFIDE							
2oz. NITRATE / NITRITE							
PT TOTAL ORGANIC CARBON							
PT CHEMICAL OXYGEN DEMAND							
PIA PHENOLICS							
40ml VOA VIAL TRAVEL BLANK							
40ml VOA VIAL							
QT EPA 1664							
PT ODOR							
RADIOLOGICAL							
BACTERIOLOGICAL							
40 ml VOA VIAL- 504							
QT EPA 508/608/8080							
QT EPA 515.1/8150							
QT EPA 525							
QT EPA 525 TRAVEL BLANK							
40ml EPA 547							
40ml EPA 531.1							
8oz EPA 548							
QT EPA 549							
QT EPA 8015M							
QT EPA 8270							
8oz / 16oz / 32oz AMBER		A A A A A A					
8oz / 16oz / 32oz JAR							
SOIL SLEEVE							
PCB VIAL							
PLASTIC BAG							
TEDLAR BAG							
FERROUS IRON							
ENCORE		A>D A>D A>D A>D					
SMART KIT							
SUMMA CANISTER							
Comments: _____		Date/Time: 8/5/16 1235		Rev 21 05/23/2016			
Sample Numbering Completed By: OOA				(S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMRECrev 20)			
A = Actual / C = Corrected							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 of 10							
Submission #: 16-21629		SHIPPING INFORMATION		SHIPPING CONTAINER							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Ice Chest <input type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W / S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		Custody Seals: Ice Chest <input type="checkbox"/> Containers: <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Emissivity: 0.95 Container: 16oz / 8oz / 16oz Thermometer ID: 208		Date/Time: 8/4/15							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Temperature: (A) 3.1 °C (C) 3.1 °C		Analyst Init: ARL							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		80 81 82 4 5 6 7 8 9 10									
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: 8/5/15 12:35									
Sample Numbering Completed By: JDA		Rev 21 05/23/2016									
A = Actual / C = Corrected		13000000WordPerfectLAB.DOCXFORMSISAMREv 201									



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1621629 Page 18 of 18

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 18 of 18							
Submission #: 16-21629											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input checked="" type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: 62-11 Thermometer ID: 208		Date/Time 8:4 1855							
		Temperature: (A) 0.5 °C / (C) 0.5 °C		Analyst Init ARL							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		62	63	64	65	66	67	83	84	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A		
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: 8/5/16 1235									
Sample Numbering Completed By: [Signature]		Rev 21 06/23/2016									
A = Actual / C = Corrected		[S:\WP\Doc\Word\BactLab_00CSIFORMS\SAMRECrev 20]									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-01	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 12:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB22-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-02	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 12:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB22-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-03	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 12:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB22-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-04	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 11:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-05	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 11:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-06	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 11:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-07	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 11:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB24-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-08	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 11:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB24-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-09	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 11:11
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB24-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-10	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-11	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-12	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-13	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-14	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-15	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-16	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-17	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-18	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 15:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-19	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB28-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-20	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB28-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-21	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB28-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-22	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 13:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB29-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-23	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 13:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB29-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-24	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 14:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB29-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-25	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-26	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-27	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-28	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-29	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-30	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 14:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-31	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB32-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-32	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB32-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-33	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB32-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-34	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 07:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB33-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-35	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-36	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-37	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-38	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 08:53
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB35-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-39	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 08:57
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB35-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-40	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB35-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-41	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 08:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-42	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 08:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-43	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 09:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-44	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 14:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-45	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 14:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-46	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/01/2016 14:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-47	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 08:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB38-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-48	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 08:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB38-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-49	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 08:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB38-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-50	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 08:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB39-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-51	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 08:33
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB39-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-52	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 08:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB39-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-53	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 07:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB40-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-54	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 07:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB40-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-55	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 07:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB40-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-56	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-57	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:38
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-58	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-59	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB42-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-60	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB42-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-61	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB42-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-62	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB43-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-63	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB43-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-64	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB43-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-65	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-66	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-67	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 10:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-68	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB45-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-69	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB45-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-70	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 09:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB45-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-71	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 11:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-72	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-73	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-74	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 11:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-75	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-76	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB48-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-77	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB48-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1621629-78	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB48-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-79	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 13:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB48-48	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-80	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 13:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB48-96	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-81	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 12:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB49-48	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-82	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/02/2016 13:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB49-96	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-83	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 14:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB50-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1621629-84	COC Number:	---	Receive Date:	08/04/2016 19:00
	Project Number:	---	Sampling Date:	08/03/2016 14:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB50-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-01		Client Sample Name: SB22-00, 8/1/2016 12:14:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.010	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	67.9	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	78.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 09:52	HKS	GC-17	2.013	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-01	Client Sample Name:	SB22-00, 8/1/2016 12:14:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	46	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:41	JCC	PE-OP3	2	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-02	Client Sample Name:	SB22-12, 8/1/2016 12:21:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	2.6	mg/kg	5.0	2.0	EPA-6010B	500	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:01	JRG	PE-OP2	5	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-04		Client Sample Name: SB23-00, 8/1/2016 11:35:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.24	mg/kg	0.25	0.0075	EPA-8081A	2.5	J,A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	0.00066	mg/kg	0.0025	0.00039	EPA-8081A	1.0	J,A10	1
Dieldrin	ND	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	94.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	97.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 10:06	HKS	GC-17	5.034	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

WET Test (STLC)

BCL Sample ID:	1621629-04	Client Sample Name:	SB23-00, 8/1/2016 11:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	STLC Limits	Lab Quals	Run #
Lead	10	mg/L	0.50	0.16	EPA-6010B	5.0		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 14:47	JRG	PE-OP2	1	BZI0259

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

TCLP Toxicity

BCL Sample ID:	1621629-04	Client Sample Name:	SB23-00, 8/1/2016 11:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	TCLP Limits	Lab Quals	Run #
Lead	0.064	mg/L	0.50	0.030	EPA-6010B	5.0	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/01/16	09/01/16 18:17	JCC	PE-OP3	1	BZI0090

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-04	Client Sample Name:	SB23-00, 8/1/2016 11:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.1	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	230	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:27	JCC	PE-OP3	0.971	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-05	Client Sample Name:	SB23-12, 8/1/2016 11:40:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	5.5	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 12:38	JRG	PE-OP2	1	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-07		Client Sample Name: SB24-00, 8/1/2016 11:02:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.33	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.00038	mg/kg	0.0025	0.00035	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	64.9	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	64.4	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 10:21	HKS	GC-17	5.085	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-07	Client Sample Name:	SB24-00, 8/1/2016 11:02:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	1.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	2.7	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:29	JCC	PE-OP3	0.980	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-10		Client Sample Name: SB25-00, 8/2/2016 2:50:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	1.1	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	0.030	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0042	mg/kg	0.00050	0.000083	EPA-8081A	1.0	A10	2
4,4'-DDT	0.030	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.036	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	94.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	74.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 10:35	HKS	GC-17	5.068	BZH1313
2	EPA-8081A	08/12/16	08/17/16 11:08	HKS	GC-17	1.014	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-10	Client Sample Name:	SB25-00, 8/2/2016 2:50:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	78	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:31	JCC	PE-OP3	0.980	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-11		Client Sample Name: SB25-12, 8/2/2016 2:54:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10,S05	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10,S05	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10,S05	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10,S05	1
Chlordane (Technical)	0.26	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10,S05	1
4,4'-DDD	0.018	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDE	0.037	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDT	0.017	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10,S05	1
Dieldrin	0.019	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10,S05	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10,S05	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10,S05	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10,S05	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10,S05	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10,S05	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10,S05	1
TCMX (Surrogate)	73.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1
Decachlorobiphenyl (Surrogate)	59.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 19:40	HKS	GC-17	4.983	BZI0339

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-11	Client Sample Name:	SB25-12, 8/2/2016 2:54:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:12	JRG	PE-OP2	0.943	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-12	Client Sample Name:	SB25-24, 8/2/2016 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:04	JCC	PE-OP3	1.980	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-13		Client Sample Name: SB26-00, 8/2/2016 3:21:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.55	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	0.016	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0055	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	0.011	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.025	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	41.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	38.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 10:50	HKS	GC-17	4.950	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-13	Client Sample Name:	SB26-00, 8/2/2016 3:21:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	190	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:32	JCC	PE-OP3	0.952	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-14		Client Sample Name: SB26-12, 8/2/2016 3:27:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4	S05	1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A		S05	1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A		S05	1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A		S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0	S05	1
Chlordane (Technical)	0.0017	mg/kg	0.050	0.0015	EPA-8081A	2.5	J,S05	1
4,4'-DDD	0.00027	mg/kg	0.00050	0.000085	EPA-8081A	1.0	J,S05	1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0	S05	1
4,4'-DDT	0.00039	mg/kg	0.00050	0.000078	EPA-8081A	1.0	J,S05	1
Dieldrin	0.00037	mg/kg	0.00050	0.000070	EPA-8081A	8.0	J,S05	1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A		S05	1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A		S05	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A		S05	1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2	S05	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A		S05	1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7	S05	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A		S05	1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100	S05	1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5	S05	1
TCMX (Surrogate)	43.9	%	20 - 130 (LCL - UCL)		EPA-8081A		S05	1
Decachlorobiphenyl (Surrogate)	35.4	%	40 - 130 (LCL - UCL)		EPA-8081A		S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 17:00	HKS	GC-17	1.017	BZI0339

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-14	Client Sample Name:	SB26-12, 8/2/2016 3:27:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	3.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	6.4	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:14	JRG	PE-OP2	0.971	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-16		Client Sample Name: SB27-00, 8/2/2016 3:15:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.066	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	58.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	62.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 11:04	HKS	GC-17	1.017	BZH1313

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-16	Client Sample Name:	SB27-00, 8/2/2016 3:15:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	45	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	10	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:49	JCC	PE-OP3	0.962	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-17	Client Sample Name:	SB27-12, 8/2/2016 3:17:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	30	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:15	JRG	PE-OP2	0.980	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-18	Client Sample Name:	SB27-24, 8/2/2016 3:18:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	21	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:05	JCC	PE-OP3	1.961	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-19		Client Sample Name: SB28-00, 8/2/2016 2:20:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0083	0.00092	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.0083	0.0011	EPA-8081A			1
beta-BHC	ND	mg/kg	0.0083	0.0012	EPA-8081A			1
delta-BHC	ND	mg/kg	0.0083	0.00098	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.0083	0.00057	EPA-8081A	4.0		1
Chlordane (Technical)	0.43	mg/kg	0.83	0.025	EPA-8081A	2.5	J	1
4,4'-DDD	ND	mg/kg	0.0083	0.0014	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.0083	0.0014	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.0083	0.0013	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.0083	0.0012	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.0083	0.0014	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.0083	0.0018	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.0083	0.0016	EPA-8081A			1
Endrin	ND	mg/kg	0.0083	0.0014	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.0083	0.0016	EPA-8081A			1
Heptachlor	ND	mg/kg	0.0083	0.00095	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.0083	0.0013	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.0083	0.0018	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.83	0.022	EPA-8081A	5		1
TCMX (Surrogate)	91.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	85.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 15:03	HKS	GC-17	16.667	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-19	Client Sample Name:	SB28-00, 8/2/2016 2:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	60	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:54	JCC	PE-OP3	0.935	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-22		Client Sample Name: SB29-00, 8/1/2016 1:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.70	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	2
4,4'-DDD	0.025	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	2
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0040	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.018	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	2
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	100	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	89.9	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 15:18	HKS	GC-17	1.017	BZH1313
2	EPA-8081A	08/12/16	08/17/16 09:26	HKS	GC-17	5.085	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-22	Client Sample Name:	SB29-00, 8/1/2016 1:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	9.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	28	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:55	JCC	PE-OP3	0.962	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-23		Client Sample Name: SB29-12, 8/1/2016 1:50:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10,S05	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10,S05	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10,S05	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10,S05	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10,S05	1
4,4'-DDD	0.0052	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDE	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10,S05	1
Dieldrin	0.0035	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10,S05	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10,S05	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10,S05	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10,S05	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10,S05	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10,S05	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10,S05	1
TCMX (Surrogate)	65.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1
Decachlorobiphenyl (Surrogate)	57.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 19:11	HKS	GC-17	4.918	BZI0339

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-25		Client Sample Name: SB30-00, 8/2/2016 2:04:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.039	0.0043	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.039	0.0051	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.039	0.0056	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.039	0.0047	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.039	0.0027	EPA-8081A	4.0	A10	1
Chlordane (Technical)	1.7	mg/kg	0.79	0.12	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.039	0.0067	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.039	0.0066	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.039	0.0062	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.039	0.0055	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.039	0.0069	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.039	0.0087	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.039	0.0078	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.039	0.0069	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.039	0.0077	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.039	0.0045	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.039	0.0062	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.039	0.0087	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	3.9	0.10	EPA-8081A	5	A10	1
TCMX (Surrogate)	57.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	55.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 15:32	HKS	GC-17	78.947	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A) (TCLP Extract)

BCL Sample ID: 1621629-25		Client Sample Name: SB30-00, 8/2/2016 2:04:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
gamma-BHC (Lindane)	ND	mg/L	0.000050	0.0000019	EPA-8081A	ND		1
Chlordane (Technical)	ND	mg/L	0.0050	0.000085	EPA-8081A	ND		1
Endrin	ND	mg/L	0.000050	0.0000033	EPA-8081A	ND		1
Heptachlor	ND	mg/L	0.000050	0.0000032	EPA-8081A	ND		1
Heptachlor epoxide	ND	mg/L	0.000050	0.0000048	EPA-8081A	ND		1
Methoxychlor	ND	mg/L	0.000050	0.0000035	EPA-8081A	ND		1
Toxaphene	ND	mg/L	0.020	0.00020	EPA-8081A	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 12:53	HKS	GC-17	1	BZI0212

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1621629-25		Client Sample Name: SB30-00, 8/2/2016 2:04:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	56.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/10/16	08/11/16 13:43	HKS	GC-15	1.010	BZH1085

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-25	Client Sample Name:	SB30-00, 8/2/2016 2:04:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	5.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	44	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:57	JCC	PE-OP3	0.962	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-26		Client Sample Name: SB30-12, 8/2/2016 2:08:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10,S05	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10,S05	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10,S05	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10,S05	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10,S05	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10,S05	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10,S05	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10,S05	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10,S05	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10,S05	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10,S05	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10,S05	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10,S05	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10,S05	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10,S05	1
TCMX (Surrogate)	67.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1
Decachlorobiphenyl (Surrogate)	49.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 18:27	HKS	GC-17	10.033	BZI0339

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-28		Client Sample Name: SB31-00, 8/2/2016 2:25:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.66	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.033	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	2
4,4'-DDE	0.040	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	2
4,4'-DDT	0.011	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	2
Dieldrin	0.064	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	2
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	61.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	44.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 15:47	HKS	GC-17	2.027	BZH1313
2	EPA-8081A	08/12/16	08/17/16 09:41	HKS	GC-17	10.135	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-28	Client Sample Name:	SB31-00, 8/2/2016 2:25:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	6.6	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	82	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 14:58	JCC	PE-OP3	0.962	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-29		Client Sample Name: SB31-12, 8/2/2016 2:28:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10,S05	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10,S05	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10,S05	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10,S05	1
Chlordane (Technical)	0.064	mg/kg	0.10	0.0030	EPA-8081A	2.5	J,A10,S05	1
4,4'-DDD	0.0029	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10,S05	1
4,4'-DDE	0.0054	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10,S05	1
4,4'-DDT	0.0034	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10,S05	1
Dieldrin	0.0067	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10,S05	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10,S05	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10,S05	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10,S05	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10,S05	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10,S05	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10,S05	1
TCMX (Surrogate)	49.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1
Decachlorobiphenyl (Surrogate)	39.4	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 18:42	HKS	GC-17	2.027	BZI0339

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-29	Client Sample Name:	SB31-12, 8/2/2016 2:28:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	23	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:16	JRG	PE-OP2	0.962	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-31		Client Sample Name: SB32-00, 8/1/2016 9:25:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.10	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	0.0023	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.00087	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0015	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.0036	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	0.0011	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	78.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	58.4	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 16:01	HKS	GC-17	1.010	BZH1313

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-31	Client Sample Name:	SB32-00, 8/1/2016 9:25:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	4.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	31	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 15:00	JCC	PE-OP3	0.980	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-34		Client Sample Name: SB33-00, 8/2/2016 7:39:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	65.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	62.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 16:16	HKS	GC-17	1.010	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-34	Client Sample Name:	SB33-00, 8/2/2016 7:39:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	7.0	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	5.6	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 15:02	JCC	PE-OP3	1.905	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-35		Client Sample Name: SB34-00, 8/1/2016 9:27:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.14	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0025	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.00032	mg/kg	0.0010	0.00017	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0014	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.0054	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	0.0020	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	47.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	36.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 16:30	HKS	GC-17	2.013	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-35	Client Sample Name:	SB34-00, 8/1/2016 9:27:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	7.1	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	110	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 15:03	JCC	PE-OP3	0.917	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-36	Client Sample Name:	SB34-12, 8/1/2016 9:37:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	13	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:18	JRG	PE-OP2	0.917	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-38		Client Sample Name: SB35-00, 8/1/2016 8:53:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.35	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0039	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0020	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0032	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	89.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	40.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 16:45	HKS	GC-17	2.007	BZH1313

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-38	Client Sample Name:	SB35-00, 8/1/2016 8:53:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	5.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	35	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 15:05	JCC	PE-OP3	0.980	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-41		Client Sample Name: SB36-00, 8/1/2016 8:46:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0028	0.00031	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0028	0.00036	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0028	0.00040	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0028	0.00033	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0028	0.00019	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.62	mg/kg	0.28	0.0084	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0028	0.00048	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0038	mg/kg	0.0028	0.00047	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0091	mg/kg	0.0028	0.00044	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0028	0.00039	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0028	0.00049	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0028	0.00062	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0028	0.00056	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0028	0.00049	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0028	0.00054	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0028	0.00032	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0028	0.00044	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0028	0.00062	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.28	0.0073	EPA-8081A	5	A10	1
TCMX (Surrogate)	42.3	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	55.4	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 16:59	HKS	GC-17	5.607	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-41	Client Sample Name:	SB36-00, 8/1/2016 8:46:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	0.75	mg/kg	1.0	0.40	EPA-6010B	500	J	1
Lead	190	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 15:06	JCC	PE-OP3	0.971	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-42		Client Sample Name: SB36-12, 8/1/2016 8:54:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10,S05	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10,S05	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10,S05	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10,S05	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10,S05	1
4,4'-DDD	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDE	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10,S05	1
Dieldrin	ND	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10,S05	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10,S05	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10,S05	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10,S05	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10,S05	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10,S05	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10,S05	1
TCMX (Surrogate)	41.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1
Decachlorobiphenyl (Surrogate)	47.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 18:57	HKS	GC-17	5.085	BZI0339

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-42	Client Sample Name:	SB36-12, 8/1/2016 8:54:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	53	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:19	JRG	PE-OP2	0.971	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-44		Client Sample Name: SB37-00, 8/1/2016 2:32:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.11	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	0.0036	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.0011	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0011	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.0015	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	77.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	58.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 18:12	HKS	GC-17	1.014	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621629-44		Client Sample Name: SB37-00, 8/1/2016 2:32:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	17	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 16:22	JCC	PE-OP3	1.923	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-45	Client Sample Name:	SB37-12, 8/1/2016 2:36:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	4.4	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:20	JRG	PE-OP2	0.952	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-47		Client Sample Name: SB38-00, 8/2/2016 8:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.24	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0091	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.00043	mg/kg	0.0010	0.00017	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0025	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.0031	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	0.0031	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	74.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	66.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 18:26	HKS	GC-17	2.027	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-47	Client Sample Name:	SB38-00, 8/2/2016 8:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	6.6	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	44	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 16:23	JCC	PE-OP3	0.971	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-50		Client Sample Name: SB39-00, 8/2/2016 8:28:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.0016	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0015	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	77.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	68.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 18:41	HKS	GC-17	1.007	BZH1313

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-50	Client Sample Name:	SB39-00, 8/2/2016 8:28:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	4.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	21	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 16:24	JCC	PE-OP3	0.990	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-53		Client Sample Name: SB40-00, 8/2/2016 7:20:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.070	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	0.0016	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.00019	mg/kg	0.00050	0.000083	EPA-8081A	1.0	J	1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.00056	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	75.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	75.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 18:55	HKS	GC-17	1.007	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1621629-53		Client Sample Name: SB40-00, 8/2/2016 7:20:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	63.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/10/16	08/11/16 13:54	HKS	GC-15	1.003	BZH1085

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-53	Client Sample Name:	SB40-00, 8/2/2016 7:20:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	7.6	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	13	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 16:26	JCC	PE-OP3	1.961	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-56		Client Sample Name: SB41-00, 8/2/2016 10:34:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	65.0	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	64.3	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/12/16	08/15/16 19:10	HKS	GC-17	1.003	BZH1313

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-56	Client Sample Name:	SB41-00, 8/2/2016 10:34:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	13	mg/kg	12	1.4	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 16:27	JCC	PE-OP3	4.808	BZH0820

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-57	Client Sample Name:	SB41-12, 8/2/2016 10:38:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.0	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:22	JRG	PE-OP2	0.926	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-59		Client Sample Name: SB42-00, 8/2/2016 9:17:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.0014	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.00035	mg/kg	0.00050	0.000078	EPA-8081A	1.0	J	1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	76.5	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	76.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 00:11	HKS	GC-17	1.014	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-59	Client Sample Name:	SB42-00, 8/2/2016 9:17:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	3.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	4.0	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 12:51	JCC	PE-OP3	1	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-62		Client Sample Name: SB43-00, 8/2/2016 9:45:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.0087	mg/kg	0.050	0.0015	EPA-8081A	2.5	J	1
4,4'-DDD	0.00034	mg/kg	0.00050	0.000085	EPA-8081A	1.0	J	1
4,4'-DDE	0.0025	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.00044	mg/kg	0.00050	0.000078	EPA-8081A	1.0	J	1
Dieldrin	0.00024	mg/kg	0.00050	0.000070	EPA-8081A	8.0	J	1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	63.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	53.4	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 01:44	HKS	GC-17	1.007	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-62	Client Sample Name:	SB43-00, 8/2/2016 9:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.6	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	7.1	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:00	JCC	PE-OP3	0.990	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-65		Client Sample Name: SB44-00, 8/2/2016 10:16:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.081	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	72.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	63.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 01:53	HKS	GC-17	1.003	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-65	Client Sample Name:	SB44-00, 8/2/2016 10:16:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	11	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/11/16 16:49	JCC	PE-OP3	0.990	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-66	Client Sample Name:	SB44-12, 8/2/2016 10:20:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.2	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:23	JRG	PE-OP2	0.943	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-68		Client Sample Name: SB45-00, 8/2/2016 9:00:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.0047	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0037	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	66.1	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	63.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 00:26	HKS	GC-17	1.010	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-68	Client Sample Name:	SB45-00, 8/2/2016 9:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	4.3	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	4.9	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:09	JCC	PE-OP3	0.962	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-71		Client Sample Name: SB46-00, 8/2/2016 11:56:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	0.0061	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.86	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0045	mg/kg	0.0050	0.00085	EPA-8081A	1.0	J,A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	0.010	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	68.9	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	56.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 05:02	HKS	GC-17	10.101	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-71	Client Sample Name:	SB46-00, 8/2/2016 11:56:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	23	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	180	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:10	JCC	PE-OP3	1	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-72		Client Sample Name: SB46-12, 8/2/2016 12:04:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4	S05	1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A		S05	1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A		S05	1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A		S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0	S05	1
Chlordane (Technical)	0.081	mg/kg	0.050	0.0015	EPA-8081A	2.5	S05	1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0	S05	1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0	S05	1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0	S05	1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0	S05	1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A		S05	1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A		S05	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A		S05	1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2	S05	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A		S05	1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7	S05	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A		S05	1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100	S05	1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5	S05	1
TCMX (Surrogate)	53.5	%	20 - 130 (LCL - UCL)		EPA-8081A		S05	1
Decachlorobiphenyl (Surrogate)	39.8	%	40 - 130 (LCL - UCL)		EPA-8081A		S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/01/16	09/02/16 17:15	HKS	GC-17	1.010	BZI0339

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-72	Client Sample Name:	SB46-12, 8/2/2016 12:04:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	7.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	80	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:37	JRG	PE-OP2	0.935	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-73	Client Sample Name:	SB46-24, 8/2/2016 12:07:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	5.6	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 12:58	JCC	PE-OP3	0.980	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-74		Client Sample Name: SB47-00, 8/2/2016 11:55:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	57.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	51.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 01:09	HKS	GC-17	1.003	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621629-74		Client Sample Name: SB47-00, 8/2/2016 11:55:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	4.9	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:12	JCC	PE-OP3	0.990	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-75	Client Sample Name:	SB47-12, 8/2/2016 12:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/02/16	09/02/16 13:38	JRG	PE-OP2	0.962	BZI0165

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-76		Client Sample Name: SB48-00, 8/2/2016 12:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	39.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	43.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 05:31	HKS	GC-17	10.067	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621629-76	Client Sample Name:	SB48-00, 8/2/2016 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	53.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/10/16	08/11/16 14:05	HKS	GC-15	1.017	BZH1085

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-76		Client Sample Name: SB48-00, 8/2/2016 12:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0045	0.00082	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0045	0.00075	EPA-8260B			1
Bromoform	ND	mg/kg	0.0045	0.0013	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0045	0.0014	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0045	0.0013	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Chloroform	ND	mg/kg	0.0045	0.00056	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0045	0.0016	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0045	0.00088	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0045	0.0015	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0045	0.00089	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0045	0.0016	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0045	0.00072	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0045	0.0013	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0045	0.00076	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0045	0.00072	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-76		Client Sample Name: SB48-00, 8/2/2016 12:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0045	0.0013	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0045	0.0015	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0089	0.0021	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0045	0.00045	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Styrene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
Toluene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0045	0.0019	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0045	0.0018	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0045	0.00069	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0045	0.00098	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0045	0.00098	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0045	0.0014	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0045	0.0012	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0045	0.0013	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0045	0.0014	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0089	0.0030	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0045	0.0020	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0045	0.0011	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-76		Client Sample Name: SB48-00, 8/2/2016 12:30:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 12:52	ADC	MS-V2	0.893	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621629-76	Client Sample Name:	SB48-00, 8/2/2016 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	40	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	50.6	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/10/16	08/11/16 12:12	AS1	GC-13	1	BZH1073

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1621629-76	Client Sample Name:	SB48-00, 8/2/2016 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	5.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	20	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/09/16 13:13	JCC	PE-OP3	0.980	BZH0821

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-77		Client Sample Name: SB48-12, 8/2/2016 12:37:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	75.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	58.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 02:07	HKS	GC-17	1	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621629-77	Client Sample Name:	SB48-12, 8/2/2016 12:37:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	73.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 15:40	HKS	GC-15	1	BZH1166

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-77		Client Sample Name: SB48-12, 8/2/2016 12:37:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-77		Client Sample Name: SB48-12, 8/2/2016 12:37:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	123	%	70 - 121 (LCL - UCL)		EPA-8260B		A19,S09	1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-77		Client Sample Name: SB48-12, 8/2/2016 12:37:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 13:14	ADC	MS-V2	0.978	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621629-77	Client Sample Name:	SB48-12, 8/2/2016 12:37:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	17	mg/kg	20	6.5	EPA-8015B/FFP	ND	J,A57	1
Tetracosane (Surrogate)	75.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/11/16	08/12/16 10:19	AS1	GC-13	1.017	BZH1209

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-77	Client Sample Name:	SB48-12, 8/2/2016 12:37:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	5.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	8.7	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/10/16 13:43	JCC	PE-OP3	1	BZH0930

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-78		Client Sample Name: SB48-24, 8/2/2016 12:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	91.8	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	57.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/13/16 01:59	HKS	GC-17	1.007	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621629-78	Client Sample Name:	SB48-24, 8/2/2016 12:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	75.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 15:50	HKS	GC-15	1.017	BZH1166

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-78		Client Sample Name: SB48-24, 8/2/2016 12:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-78		Client Sample Name: SB48-24, 8/2/2016 12:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	122	%	70 - 121 (LCL - UCL)		EPA-8260B		A19,S09	1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-78		Client Sample Name: SB48-24, 8/2/2016 12:45:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 13:37	ADC	MS-V2	0.924	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621629-78	Client Sample Name:	SB48-24, 8/2/2016 12:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	71.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/11/16	08/12/16 10:44	AS1	GC-13	1.003	BZH1209

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1621629-78		Client Sample Name: SB48-24, 8/2/2016 12:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	6.1	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	12	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/10/16 13:52	JCC	PE-OP3	0.971	BZH0930

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-79		Client Sample Name: SB48-48, 8/2/2016 1:13:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	84.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	76.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 00:40	HKS	GC-17	1.014	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1621629-79		Client Sample Name: SB48-48, 8/2/2016 1:13:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	73.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 16:01	HKS	GC-15	0.984	BZH1166

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-79		Client Sample Name: SB48-48, 8/2/2016 1:13:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quads	Run #
Benzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0041	0.00076	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0041	0.00069	EPA-8260B			1
Bromoform	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Chloroform	ND	mg/kg	0.0041	0.00052	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0041	0.0015	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0041	0.00082	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0041	0.0014	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0041	0.00083	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0041	0.0015	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0041	0.00067	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0041	0.00070	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0041	0.00067	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-79		Client Sample Name: SB48-48, 8/2/2016 1:13:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quads	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0041	0.0014	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0083	0.0020	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00041	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Toluene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0041	0.0017	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0041	0.0017	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0041	0.00064	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0041	0.00091	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0041	0.00091	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0083	0.0028	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0041	0.0018	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0041	0.00099	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	123	%	70 - 121 (LCL - UCL)		EPA-8260B		A19,S09	1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	91.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-79		Client Sample Name: SB48-48, 8/2/2016 1:13:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 14:00	ADC	MS-V2	0.825	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621629-79	Client Sample Name:	SB48-48, 8/2/2016 1:13:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	15	mg/kg	20	6.5	EPA-8015B/FFP	ND	J,A57	1
Tetracosane (Surrogate)	81.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/11/16	08/12/16 12:32	AS1	GC-13	0.993	BZH1209

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-79	Client Sample Name:	SB48-48, 8/2/2016 1:13:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	5.1	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	4.1	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/10/16 13:58	JCC	PE-OP3	0.943	BZH0930

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1621629-80		Client Sample Name: SB48-96, 8/2/2016 1:46:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	87.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	69.8	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	08/10/16	08/12/16 00:55	HKS	GC-17	1.003	BZH1163

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621629-80	Client Sample Name:	SB48-96, 8/2/2016 1:46:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	66.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 16:11	HKS	GC-15	1.017	BZH1166

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-80		Client Sample Name: SB48-96, 8/2/2016 1:46:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0043	0.00079	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0043	0.00072	EPA-8260B			1
Bromoform	ND	mg/kg	0.0043	0.0013	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0043	0.0014	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
Chloroform	ND	mg/kg	0.0043	0.00054	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0043	0.0015	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0043	0.00085	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0043	0.0015	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0043	0.00085	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0043	0.0015	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0043	0.00069	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0043	0.00073	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0043	0.00069	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-80		Client Sample Name: SB48-96, 8/2/2016 1:46:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0043	0.0015	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0085	0.0021	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0043	0.00043	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0043	0.0012	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
Toluene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	0.0018	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	0.0017	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0043	0.00066	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0043	0.00094	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0043	0.00094	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0043	0.0014	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	0.0011	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0043	0.0014	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0085	0.0029	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0043	0.0019	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0043	0.0010	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	121	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-80		Client Sample Name: SB48-96, 8/2/2016 1:46:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 14:22	ADC	MS-V2	0.855	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621629-80	Client Sample Name:	SB48-96, 8/2/2016 1:46:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	79.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/11/16	08/12/16 11:29	AS1	GC-13	0.990	BZH1209

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-80	Client Sample Name:	SB48-96, 8/2/2016 1:46:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	3.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	2.0	mg/kg	2.5	0.28	EPA-6010B	1000	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/10/16 13:59	JCC	PE-OP3	0.990	BZH0930

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621629-81	Client Sample Name:	SB49-48, 8/2/2016 12:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	81.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 16:22	HKS	GC-15	0.997	BZH1166

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-81		Client Sample Name: SB49-48, 8/2/2016 12:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-81		Client Sample Name: SB49-48, 8/2/2016 12:45:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	124	%	70 - 121 (LCL - UCL)		EPA-8260B		A19,S09	1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-81		Client Sample Name: SB49-48, 8/2/2016 12:45:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 14:45	ADC	MS-V2	1.025	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID:	1621629-81	Client Sample Name:	SB49-48, 8/2/2016 12:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	57.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/11/16	08/15/16 21:23	AS1	GC-13	1.010	BZH1210

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1621629-82	Client Sample Name:	SB49-96, 8/2/2016 1:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	75.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 17:04	HKS	GC-15	1.003	BZH1166

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-82		Client Sample Name: SB49-96, 8/2/2016 1:20:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-82		Client Sample Name: SB49-96, 8/2/2016 1:20:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	123	%	70 - 121 (LCL - UCL)		EPA-8260B		A19,S09	1
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1621629-82		Client Sample Name: SB49-96, 8/2/2016 1:20:00PM					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	08/09/16	08/09/16 15:07	ADC	MS-V2	1.002	BZH0683

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

BCL Sample ID: 1621629-82		Client Sample Name: SB49-96, 8/2/2016 1:20:00PM						
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	66.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	08/11/16	08/16/16 01:34	AS1	GC-13	1.007	BZH1210

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1621629-82	Client Sample Name:	SB49-96, 8/2/2016 1:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	6.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	3.3	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	08/09/16	08/10/16 14:00	JCC	PE-OP3	0.990	BZH0930

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

BCL Sample ID: 1621629-83		Client Sample Name: SB50-00, 8/3/2016 2:24:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	75.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	08/11/16	08/11/16 11:50	HKS	GC-14	1	BZH1085

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1163						
Aldrin	BZH1163-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZH1163-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZH1163-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZH1163-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZH1163-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZH1163-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZH1163-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZH1163-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZH1163-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZH1163-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZH1163-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZH1163-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZH1163-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZH1163-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZH1163-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZH1163-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZH1163-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZH1163-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZH1163-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZH1163-BLK1	82.1	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZH1163-BLK1	59.7	%	40 - 130 (LCL - UCL)		

QC Batch ID: BZH1313						
Aldrin	BZH1313-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZH1313-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZH1313-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZH1313-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZH1313-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZH1313-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZH1313-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZH1313-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZH1313-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZH1313-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZH1313-BLK1	ND	mg/kg	0.00050	0.000087	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1313						
Endosulfan II	BZH1313-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZH1313-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZH1313-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZH1313-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZH1313-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZH1313-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZH1313-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZH1313-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZH1313-BLK1	88.2	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZH1313-BLK1	94.7	%	40 - 130 (LCL - UCL)		
QC Batch ID: BZI0339						
Aldrin	BZI0339-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZI0339-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZI0339-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZI0339-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZI0339-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZI0339-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZI0339-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZI0339-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZI0339-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZI0339-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZI0339-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZI0339-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZI0339-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZI0339-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZI0339-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZI0339-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZI0339-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZI0339-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZI0339-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZI0339-BLK1	87.8	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZI0339-BLK1	85.8	%	40 - 130 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH1163										
Aldrin	BZH1163-BS1	LCS	0.0052031	0.0050847	mg/kg	102		70 - 130		
gamma-BHC (Lindane)	BZH1163-BS1	LCS	0.0051997	0.0050847	mg/kg	102		60 - 140		
4,4'-DDT	BZH1163-BS1	LCS	0.0052251	0.0050847	mg/kg	103		60 - 140		
Dieldrin	BZH1163-BS1	LCS	0.0057444	0.0050847	mg/kg	113		70 - 130		
Endrin	BZH1163-BS1	LCS	0.0058603	0.0050847	mg/kg	115		60 - 140		
Heptachlor	BZH1163-BS1	LCS	0.0049976	0.0050847	mg/kg	98.3		60 - 140		
TCMX (Surrogate)	BZH1163-BS1	LCS	0.0099081	0.010169	mg/kg	97.4		20 - 130		
Decachlorobiphenyl (Surrogate)	BZH1163-BS1	LCS	0.016056	0.020339	mg/kg	78.9		40 - 130		
QC Batch ID: BZH1313										
Aldrin	BZH1313-BS1	LCS	0.0041178	0.0049505	mg/kg	83.2		70 - 130		
gamma-BHC (Lindane)	BZH1313-BS1	LCS	0.0042198	0.0049505	mg/kg	85.2		60 - 140		
4,4'-DDT	BZH1313-BS1	LCS	0.0051284	0.0049505	mg/kg	104		60 - 140		
Dieldrin	BZH1313-BS1	LCS	0.0045419	0.0049505	mg/kg	91.7		70 - 130		
Endrin	BZH1313-BS1	LCS	0.0049746	0.0049505	mg/kg	100		60 - 140		
Heptachlor	BZH1313-BS1	LCS	0.0041931	0.0049505	mg/kg	84.7		60 - 140		
TCMX (Surrogate)	BZH1313-BS1	LCS	0.0082208	0.0099010	mg/kg	83.0		20 - 130		
Decachlorobiphenyl (Surrogate)	BZH1313-BS1	LCS	0.019132	0.019802	mg/kg	96.6		40 - 130		
QC Batch ID: BZI0339										
Aldrin	BZI0339-BS1	LCS	0.0049936	0.0050676	mg/kg	98.5		70 - 130		
gamma-BHC (Lindane)	BZI0339-BS1	LCS	0.0049943	0.0050676	mg/kg	98.6		60 - 140		
4,4'-DDT	BZI0339-BS1	LCS	0.0036014	0.0050676	mg/kg	71.1		60 - 140		
Dieldrin	BZI0339-BS1	LCS	0.0053618	0.0050676	mg/kg	106		70 - 130		
Endrin	BZI0339-BS1	LCS	0.0056122	0.0050676	mg/kg	111		60 - 140		
Heptachlor	BZI0339-BS1	LCS	0.0051324	0.0050676	mg/kg	101		60 - 140		
TCMX (Surrogate)	BZI0339-BS1	LCS	0.0083916	0.010135	mg/kg	82.8		20 - 130		
Decachlorobiphenyl (Surrogate)	BZI0339-BS1	LCS	0.017681	0.020270	mg/kg	87.2		40 - 130		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1163		Used client sample: N									
Aldrin	MS	1616196-97	ND	0.0055010	0.0050505	mg/kg		109		50 - 140	
	MSD	1616196-97	ND	0.0054963	0.0050167	mg/kg	0.1	110	30	50 - 140	
gamma-BHC (Lindane)	MS	1616196-97	ND	0.0054205	0.0050505	mg/kg		107		50 - 140	
	MSD	1616196-97	ND	0.0053301	0.0050167	mg/kg	1.7	106	30	50 - 140	
4,4'-DDT	MS	1616196-97	ND	0.0042822	0.0050505	mg/kg		84.8		50 - 140	
	MSD	1616196-97	ND	0.0051559	0.0050167	mg/kg	18.5	103	30	50 - 140	
Dieldrin	MS	1616196-97	ND	0.0048360	0.0050505	mg/kg		95.8		40 - 140	
	MSD	1616196-97	ND	0.0047946	0.0050167	mg/kg	0.9	95.6	30	40 - 140	
Endrin	MS	1616196-97	ND	0.0049037	0.0050505	mg/kg		97.1		50 - 150	
	MSD	1616196-97	ND	0.0049987	0.0050167	mg/kg	1.9	99.6	30	50 - 150	
Heptachlor	MS	1616196-97	ND	0.0053572	0.0050505	mg/kg		106		60 - 140	
	MSD	1616196-97	ND	0.0052759	0.0050167	mg/kg	1.5	105	30	60 - 140	
TCMX (Surrogate)	MS	1616196-97	ND	0.0082145	0.010101	mg/kg		81.3		20 - 130	
	MSD	1616196-97	ND	0.0083254	0.010033	mg/kg	1.3	83.0		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1616196-97	ND	0.017217	0.020202	mg/kg		85.2		40 - 130	
	MSD	1616196-97	ND	0.017654	0.020067	mg/kg	2.5	88.0		40 - 130	
QC Batch ID: BZH1313		Used client sample: Y - Description: SB23-00, 08/01/2016 11:35									
Aldrin	MS	1621629-04	ND	0.0077525	0.0050847	mg/kg		152		50 - 140	Q03
	MSD	1621629-04	ND	0.0048620	0.0050505	mg/kg	45.8	96.3	30	50 - 140	Q02
gamma-BHC (Lindane)	MS	1621629-04	ND	0.0046492	0.0050847	mg/kg		91.4		50 - 140	
	MSD	1621629-04	ND	0.0046902	0.0050505	mg/kg	0.9	92.9	30	50 - 140	Q02
4,4'-DDT	MS	1621629-04	0.00065940	0.0044966	0.0050847	mg/kg		75.5		50 - 140	
	MSD	1621629-04	0.00065940	0.0048199	0.0050505	mg/kg	6.9	82.4	30	50 - 140	Q02
Dieldrin	MS	1621629-04	ND	0.0058254	0.0050847	mg/kg		115		40 - 140	
	MSD	1621629-04	ND	0.0052795	0.0050505	mg/kg	9.8	105	30	40 - 140	Q02
Endrin	MS	1621629-04	ND	0.0063610	0.0050847	mg/kg		125		50 - 150	
	MSD	1621629-04	ND	0.0055387	0.0050505	mg/kg	13.8	110	30	50 - 150	Q02
Heptachlor	MS	1621629-04	ND	0.0069407	0.0050847	mg/kg		136		60 - 140	
	MSD	1621629-04	ND	0.0051465	0.0050505	mg/kg	29.7	102	30	60 - 140	Q02
TCMX (Surrogate)	MS	1621629-04	ND	0.0062661	0.010169	mg/kg		61.6		20 - 130	
	MSD	1621629-04	ND	0.0096246	0.010101	mg/kg	42.3	95.3		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1621629-04	ND	0.021900	0.020339	mg/kg		108		40 - 130	
	MSD	1621629-04	ND	0.021158	0.020202	mg/kg	3.4	105		40 - 130	
QC Batch ID: BZI0339		Used client sample: N									
Aldrin	MS	1621392-68	ND	0.0050199	0.0050676	mg/kg		99.1		50 - 140	
	MSD	1621392-68	ND	0.0046948	0.0049180	mg/kg	6.7	95.5	30	50 - 140	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZI0339		Used client sample: N									
gamma-BHC (Lindane)	MS	1621392-68	ND	0.0049757	0.0050676	mg/kg		98.2		50 - 140	
	MSD	1621392-68	ND	0.0046643	0.0049180	mg/kg	6.5	94.8	30	50 - 140	
4,4'-DDT	MS	1621392-68	ND	0.0038142	0.0050676	mg/kg		75.3		50 - 140	
	MSD	1621392-68	ND	0.0037905	0.0049180	mg/kg	0.6	77.1	30	50 - 140	
Dieldrin	MS	1621392-68	ND	0.0053490	0.0050676	mg/kg		106		40 - 140	
	MSD	1621392-68	ND	0.0051246	0.0049180	mg/kg	4.3	104	30	40 - 140	
Endrin	MS	1621392-68	ND	0.0055848	0.0050676	mg/kg		110		50 - 150	
	MSD	1621392-68	ND	0.0052941	0.0049180	mg/kg	5.3	108	30	50 - 150	
Heptachlor	MS	1621392-68	ND	0.0050564	0.0050676	mg/kg		99.8		60 - 140	
	MSD	1621392-68	ND	0.0047826	0.0049180	mg/kg	5.6	97.2	30	60 - 140	
TCMX (Surrogate)	MS	1621392-68	ND	0.0087456	0.010135	mg/kg		86.3		20 - 130	
	MSD	1621392-68	ND	0.0083639	0.0098361	mg/kg	4.5	85.0		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1621392-68	ND	0.017906	0.020270	mg/kg		88.3		40 - 130	
	MSD	1621392-68	ND	0.016936	0.019672	mg/kg	5.6	86.1		40 - 130	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A) (TCLP Extract)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZI0212						
gamma-BHC (Lindane)	BZI0212-BLK1	ND	mg/L	0.000050	0.0000019	
Chlordane (Technical)	BZI0212-BLK1	ND	mg/L	0.0050	0.000085	
Endrin	BZI0212-BLK1	ND	mg/L	0.000050	0.0000033	
Heptachlor	BZI0212-BLK1	ND	mg/L	0.000050	0.0000032	
Heptachlor epoxide	BZI0212-BLK1	ND	mg/L	0.000050	0.0000048	
Methoxychlor	BZI0212-BLK1	ND	mg/L	0.000050	0.0000035	
Toxaphene	BZI0212-BLK1	ND	mg/L	0.020	0.00020	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A) (TCLP Extract)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZI0212										
gamma-BHC (Lindane)	BZI0212-BS1	LCS	0.00014860	0.00015000	mg/L	99.1		60 - 130		
Endrin	BZI0212-BS1	LCS	0.00019307	0.00015000	mg/L	129		60 - 130		
Heptachlor	BZI0212-BS1	LCS	0.00011621	0.00015000	mg/L	77.5		60 - 130		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A) (TCLP Extract)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZI0212		Used client sample: Y - Description: SB30-00, 08/02/2016 14:04									
gamma-BHC (Lindane)	MS	1621629-25	ND	0.0015908	0.0015000	mg/L		106		60 - 130	
	MSD	1621629-25	ND	0.0015400	0.0015000	mg/L	3.2	103	30	60 - 130	
Endrin	MS	1621629-25	ND	0.0019421	0.0015000	mg/L		129		60 - 130	
	MSD	1621629-25	ND	0.0018652	0.0015000	mg/L	4.0	124	30	60 - 130	
Heptachlor	MS	1621629-25	ND	0.0013214	0.0015000	mg/L		88.1		50 - 130	
	MSD	1621629-25	ND	0.0012937	0.0015000	mg/L	2.1	86.2	30	50 - 130	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1085						
PCB-1016	BZH1085-BLK1	ND	mg/kg	0.010	0.0039	
PCB-1221	BZH1085-BLK1	ND	mg/kg	0.010	0.0072	
PCB-1232	BZH1085-BLK1	ND	mg/kg	0.010	0.0074	
PCB-1242	BZH1085-BLK1	ND	mg/kg	0.010	0.0042	
PCB-1248	BZH1085-BLK1	ND	mg/kg	0.010	0.0070	
PCB-1254	BZH1085-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	BZH1085-BLK1	ND	mg/kg	0.010	0.0029	
Total PCB's (Summation)	BZH1085-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	BZH1085-BLK1	75.0	%	40 - 120 (LCL - UCL)		
QC Batch ID: BZH1166						
PCB-1016	BZH1166-BLK1	ND	mg/kg	0.010	0.0039	
PCB-1221	BZH1166-BLK1	ND	mg/kg	0.010	0.0072	
PCB-1232	BZH1166-BLK1	ND	mg/kg	0.010	0.0074	
PCB-1242	BZH1166-BLK1	ND	mg/kg	0.010	0.0042	
PCB-1248	BZH1166-BLK1	ND	mg/kg	0.010	0.0070	
PCB-1254	BZH1166-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	BZH1166-BLK1	ND	mg/kg	0.010	0.0029	
Total PCB's (Summation)	BZH1166-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	BZH1166-BLK1	96.7	%	40 - 120 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZH1085										
PCB-1016	BZH1085-BS1	LCS	0.091333	0.083333	mg/kg	110		60 - 120		
PCB-1260	BZH1085-BS1	LCS	0.091333	0.083333	mg/kg	110		60 - 120		
Decachlorobiphenyl (Surrogate)	BZH1085-BS1	LCS	0.017000	0.020000	mg/kg	85.0		40 - 120		
QC Batch ID: BZH1166										
PCB-1016	BZH1166-BS1	LCS	0.067213	0.081967	mg/kg	82.0		60 - 120		
PCB-1260	BZH1166-BS1	LCS	0.066557	0.081967	mg/kg	81.2		60 - 120		
Decachlorobiphenyl (Surrogate)	BZH1166-BS1	LCS	0.014426	0.019672	mg/kg	73.3		40 - 120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1085		Used client sample: N									
PCB-1016	MS	1616196-93	ND	0.090169	0.084746	mg/kg		106		60 - 120	
	MSD	1616196-93	ND	0.091060	0.082781	mg/kg	1.0	110	30	60 - 120	
PCB-1260	MS	1616196-93	ND	0.095593	0.084746	mg/kg		113		60 - 120	
	MSD	1616196-93	ND	0.094040	0.082781	mg/kg	1.6	114	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	1616196-93	ND	0.017627	0.020339	mg/kg		86.7		40 - 120	
	MSD	1616196-93	ND	0.017881	0.019868	mg/kg	1.4	90.0		40 - 120	
QC Batch ID: BZH1166		Used client sample: Y - Description: SB49-96, 08/02/2016 13:20									
PCB-1016	MS	1621629-82	ND	0.071429	0.083056	mg/kg		86.0		60 - 120	
	MSD	1621629-82	ND	0.062373	0.084746	mg/kg	13.5	73.6	30	60 - 120	
PCB-1260	MS	1621629-82	ND	0.056478	0.083056	mg/kg		68.0		60 - 120	
	MSD	1621629-82	ND	0.067458	0.084746	mg/kg	17.7	79.6	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	1621629-82	ND	0.013953	0.019934	mg/kg		70.0		40 - 120	
	MSD	1621629-82	ND	0.014237	0.020339	mg/kg	2.0	70.0		40 - 120	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0683						
Benzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Bromobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	BZH0683-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0683						
trans-1,3-Dichloropropene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
Ethylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	BZH0683-BLK1	ND	mg/kg	0.010	0.0024	
Methyl t-butyl ether	BZH0683-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2,2-Tetrachloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	BZH0683-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	BZH0683-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	BZH0683-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	BZH0683-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	BZH0683-BLK1	106	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BZH0683-BLK1	99.7	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BZH0683-BLK1	93.2	%	74 - 121 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH0683										
Benzene	BZH0683-BS1	LCS	0.11354	0.12500	mg/kg	90.8		70 - 130		
Bromodichloromethane	BZH0683-BS1	LCS	0.11447	0.12500	mg/kg	91.6		70 - 130		
Chlorobenzene	BZH0683-BS1	LCS	0.12155	0.12500	mg/kg	97.2		70 - 130		
Chloroethane	BZH0683-BS1	LCS	0.10075	0.12500	mg/kg	80.6		70 - 130		
1,4-Dichlorobenzene	BZH0683-BS1	LCS	0.12895	0.12500	mg/kg	103		70 - 130		
1,1-Dichloroethane	BZH0683-BS1	LCS	0.11517	0.12500	mg/kg	92.1		70 - 130		
1,1-Dichloroethene	BZH0683-BS1	LCS	0.10748	0.12500	mg/kg	86.0		70 - 130		
Toluene	BZH0683-BS1	LCS	0.11611	0.12500	mg/kg	92.9		70 - 130		
Trichloroethene	BZH0683-BS1	LCS	0.11696	0.12500	mg/kg	93.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BZH0683-BS1	LCS	0.046750	0.050000	mg/kg	93.5		70 - 121		
Toluene-d8 (Surrogate)	BZH0683-BS1	LCS	0.047020	0.050000	mg/kg	94.0		81 - 117		
4-Bromofluorobenzene (Surrogate)	BZH0683-BS1	LCS	0.049020	0.050000	mg/kg	98.0		74 - 121		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0683		Used client sample: N									
Benzene	MS	1616196-97	ND	0.12494	0.12500	mg/kg		100		70 - 130	
	MSD	1616196-97	ND	0.13073	0.12500	mg/kg	4.5	105	20	70 - 130	
Bromodichloromethane	MS	1616196-97	ND	0.12328	0.12500	mg/kg		98.6		70 - 130	
	MSD	1616196-97	ND	0.12695	0.12500	mg/kg	2.9	102	20	70 - 130	
Chlorobenzene	MS	1616196-97	ND	0.12421	0.12500	mg/kg		99.4		70 - 130	
	MSD	1616196-97	ND	0.11713	0.12500	mg/kg	5.9	93.7	20	70 - 130	
Chloroethane	MS	1616196-97	ND	0.11921	0.12500	mg/kg		95.4		70 - 130	
	MSD	1616196-97	ND	0.10552	0.12500	mg/kg	12.2	84.4	20	70 - 130	
1,4-Dichlorobenzene	MS	1616196-97	ND	0.12279	0.12500	mg/kg		98.2		70 - 130	
	MSD	1616196-97	ND	0.12234	0.12500	mg/kg	0.4	97.9	20	70 - 130	
1,1-Dichloroethane	MS	1616196-97	ND	0.12834	0.12500	mg/kg		103		70 - 130	
	MSD	1616196-97	ND	0.13022	0.12500	mg/kg	1.5	104	20	70 - 130	
1,1-Dichloroethene	MS	1616196-97	ND	0.12366	0.12500	mg/kg		98.9		70 - 130	
	MSD	1616196-97	ND	0.12127	0.12500	mg/kg	2.0	97.0	20	70 - 130	
Toluene	MS	1616196-97	ND	0.12465	0.12500	mg/kg		99.7		70 - 130	
	MSD	1616196-97	ND	0.12421	0.12500	mg/kg	0.4	99.4	20	70 - 130	
Trichloroethene	MS	1616196-97	ND	0.12137	0.12500	mg/kg		97.1		70 - 130	
	MSD	1616196-97	ND	0.12237	0.12500	mg/kg	0.8	97.9	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1616196-97	ND	0.053980	0.050000	mg/kg		108		70 - 121	
	MSD	1616196-97	ND	0.055330	0.050000	mg/kg	2.5	111		70 - 121	
Toluene-d8 (Surrogate)	MS	1616196-97	ND	0.051020	0.050000	mg/kg		102		81 - 117	
	MSD	1616196-97	ND	0.048980	0.050000	mg/kg	4.1	98.0		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1616196-97	ND	0.050760	0.050000	mg/kg		102		74 - 121	
	MSD	1616196-97	ND	0.050070	0.050000	mg/kg	1.4	100		74 - 121	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH1073						
TPH - Gasoline	BZH1073-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	BZH1073-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BZH1073-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BZH1073-BLK1	86.0	%	20 - 145 (LCL - UCL)		
QC Batch ID: BZH1209						
TPH - Gasoline	BZH1209-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	BZH1209-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BZH1209-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BZH1209-BLK1	71.0	%	20 - 145 (LCL - UCL)		
QC Batch ID: BZH1210						
TPH - Gasoline	BZH1210-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	BZH1210-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BZH1210-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BZH1210-BLK1	73.5	%	20 - 145 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH1073										
TPH - Diesel (FFP)	BZH1073-BS1	LCS	66.524	82.508	mg/kg	80.6		64 - 124		
Tetracosane (Surrogate)	BZH1073-BS1	LCS	2.6850	3.3003	mg/kg	81.4		20 - 145		
QC Batch ID: BZH1209										
TPH - Diesel (FFP)	BZH1209-BS1	LCS	59.960	84.746	mg/kg	70.8		64 - 124		
Tetracosane (Surrogate)	BZH1209-BS1	LCS	2.6834	3.3898	mg/kg	79.2		20 - 145		
QC Batch ID: BZH1210										
TPH - Diesel (FFP)	BZH1210-BS1	LCS	69.807	84.746	mg/kg	82.4		64 - 124		
Tetracosane (Surrogate)	BZH1210-BS1	LCS	2.7256	3.3898	mg/kg	80.4		20 - 145		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

										Control Limits	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH1073		Used client sample: N									
TPH - Diesel (FFP)	MS	1620830-25	ND	67.441	84.175	mg/kg		80.1		52 - 131	
	MSD	1620830-25	ND	57.311	83.333	mg/kg	16.2	68.8	30	52 - 131	
Tetracosane (Surrogate)	MS	1620830-25	ND	2.9064	3.3670	mg/kg		86.3		20 - 145	
	MSD	1620830-25	ND	2.4680	3.3333	mg/kg	16.3	74.0		20 - 145	
QC Batch ID: BZH1209		Used client sample: Y - Description: SB48-12, 08/02/2016 12:37									
TPH - Diesel (FFP)	MS	1621629-77	ND	39.158	83.333	mg/kg		47.0		52 - 131	Q03
	MSD	1621629-77	ND	62.795	83.612	mg/kg	46.4	75.1	30	52 - 131	Q02
Tetracosane (Surrogate)	MS	1621629-77	ND	1.5950	3.3333	mg/kg		47.9		20 - 145	
	MSD	1621629-77	ND	2.7938	3.3445	mg/kg	54.6	83.5		20 - 145	
QC Batch ID: BZH1210		Used client sample: N									
TPH - Diesel (FFP)	MS	1622061-02	ND	62.171	83.056	mg/kg		74.9		52 - 131	
	MSD	1622061-02	ND	61.887	84.175	mg/kg	0.5	73.5	30	52 - 131	
Tetracosane (Surrogate)	MS	1622061-02	ND	2.4234	3.3223	mg/kg		72.9		20 - 145	
	MSD	1622061-02	ND	2.4266	3.3670	mg/kg	0.1	72.1		20 - 145	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

WET Test (STLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZI0259						
Lead	BZI0259-BLK1	ND	mg/L	0.50	0.16	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 11/18/2016 16:01 Project: LAUSD - San Pedro HS Project Number: 16-201-005 Project Manager: Travis Stravasnik
--	---

WET Test (STLC)

Quality Control Report - Laboratory Control Sample

								Control Limits		
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
QC Batch ID: BZI0259										
Lead	BZI0259-BS1	LCS	18.429	20.000	mg/L	92.1		85 - 115		

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 11/18/2016 16:01 Project: LAUSD - San Pedro HS Project Number: 16-201-005 Project Manager: Travis Stravasnik
--	---

WET Test (STLC)

Quality Control Report - Precision & Accuracy

										<u>Control Limits</u>	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZI0259		Used client sample: N									
Lead	DUP	1622887-01	2.6462	2.6836		mg/L	1.4		20		
	MS	1622887-01	2.6462	20.467	20.408	mg/L		87.3		75 - 125	
	MSD	1622887-01	2.6462	21.244	20.408	mg/L	3.7	91.1	20	75 - 125	

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 11/18/2016 16:01 Project: LAUSD - San Pedro HS Project Number: 16-201-005 Project Manager: Travis Stravasnik
--	---

TCLP Toxicity

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
<div>QC Batch ID: BZI0090</div>						
Lead	BZI0090-BLK1	ND	mg/L	0.50	0.030	

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 11/18/2016 16:01 Project: LAUSD - San Pedro HS Project Number: 16-201-005 Project Manager: Travis Stravasnik
--	---

TCLP Toxicity

Quality Control Report - Laboratory Control Sample

									<u>Control Limits</u>	
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent Recovery	RPD	Lab Quals
QC Batch ID: BZI0090										
Lead	BZI0090-BS1	LCS	19.090	20.000	mg/L	95.4		85 - 115		

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 11/18/2016 16:01 Project: LAUSD - San Pedro HS Project Number: 16-201-005 Project Manager: Travis Stravasnik
--	---

TCLP Toxicity

Quality Control Report - Precision & Accuracy

										<u>Control Limits</u>	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZI0090		Used client sample: N									
Lead	DUP	1622324-01	0.12379	0.11172		mg/L	10.2		20		J
	MS	1622324-01	0.12379	18.145	20.000	mg/L		90.1		75 - 125	
	MSD	1622324-01	0.12379	18.212	20.000	mg/L	0.4	90.4	20	75 - 125	

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZH0820						
Arsenic	BZH0820-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZH0820-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZH0821						
Arsenic	BZH0821-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZH0821-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZH0930						
Arsenic	BZH0930-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZH0930-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZI0165						
Arsenic	BZI0165-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZI0165-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZJ0692						
Arsenic	BZJ0692-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1606						
Lead	BZK1606-BLK1	ND	mg/kg	2.5	0.28	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZH0820										
Arsenic	BZH0820-BS1	LCS	10.227	10.000	mg/kg	102		75 - 125		
Lead	BZH0820-BS1	LCS	100.23	100.00	mg/kg	100		75 - 125		
QC Batch ID: BZH0821										
Arsenic	BZH0821-BS1	LCS	10.512	10.000	mg/kg	105		75 - 125		
Lead	BZH0821-BS1	LCS	102.54	100.00	mg/kg	103		75 - 125		
QC Batch ID: BZH0930										
Arsenic	BZH0930-BS1	LCS	9.4777	10.000	mg/kg	94.8		75 - 125		
Lead	BZH0930-BS1	LCS	92.884	100.00	mg/kg	92.9		75 - 125		
QC Batch ID: BZI0165										
Arsenic	BZI0165-BS1	LCS	9.6209	10.000	mg/kg	96.2		75 - 125		
Lead	BZI0165-BS1	LCS	100.58	100.00	mg/kg	101		75 - 125		
QC Batch ID: BZJ0692										
Arsenic	BZJ0692-BS1	LCS	9.3750	10.000	mg/kg	93.7		75 - 125		
QC Batch ID: BZK1606										
Lead	BZK1606-BS1	LCS	94.434	100.00	mg/kg	94.4		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZH0820		Used client sample: Y - Description: SB22-00, 08/01/2016 12:14									
Arsenic	DUP	1621629-01	12.892	12.278		mg/kg	4.9		20		
	MS	1621629-01	12.892	21.426	10.000	mg/kg		85.3		75 - 125	
	MSD	1621629-01	12.892	21.356	10.000	mg/kg	0.3	84.6	20	75 - 125	
Lead	DUP	1621629-01	46.143	49.711		mg/kg	7.4		20		
	MS	1621629-01	46.143	128.64	100.00	mg/kg		82.5		75 - 125	
	MSD	1621629-01	46.143	119.26	100.00	mg/kg	7.6	73.1	20	75 - 125	Q03
QC Batch ID: BZH0821		Used client sample: Y - Description: SB42-00, 08/02/2016 09:17									
Arsenic	DUP	1621629-59	3.9172	4.1006		mg/kg	4.6		20		
	MS	1621629-59	3.9172	13.201	10.000	mg/kg		92.8		75 - 125	
	MSD	1621629-59	3.9172	13.189	10.000	mg/kg	0.1	92.7	20	75 - 125	
Lead	DUP	1621629-59	3.9637	4.3101		mg/kg	8.4		20		
	MS	1621629-59	3.9637	91.799	100.00	mg/kg		87.8		75 - 125	
	MSD	1621629-59	3.9637	93.773	100.00	mg/kg	2.1	89.8	20	75 - 125	
QC Batch ID: BZH0930		Used client sample: Y - Description: SB48-12, 08/02/2016 12:37									
Arsenic	DUP	1621629-77	5.6700	5.7227		mg/kg	0.9		20		
	MS	1621629-77	5.6700	14.088	10.000	mg/kg		84.2		75 - 125	
	MSD	1621629-77	5.6700	14.966	10.000	mg/kg	6.0	93.0	20	75 - 125	
Lead	DUP	1621629-77	8.7309	7.8307		mg/kg	10.9		20		
	MS	1621629-77	8.7309	83.481	100.00	mg/kg		74.8		75 - 125	Q03
	MSD	1621629-77	8.7309	86.250	100.00	mg/kg	3.3	77.5	20	75 - 125	
QC Batch ID: BZI0165		Used client sample: Y - Description: SB22-12, 08/01/2016 12:21									
Arsenic	DUP	1621629-02	2.5543	10.983		mg/kg	125		20		Q01
	MS	1621629-02	2.5543	20.366	10.000	mg/kg		178		75 - 125	Q03
	MSD	1621629-02	2.5543	18.701	10.000	mg/kg	8.5	161	20	75 - 125	Q03
Lead	DUP	1621629-02	11.237	12.295		mg/kg	9.0		20		
	MS	1621629-02	11.237	111.37	100.00	mg/kg		100		75 - 125	
	MSD	1621629-02	11.237	109.68	100.00	mg/kg	1.5	98.4	20	75 - 125	
QC Batch ID: BZJ0692		Used client sample: Y - Description: SB11-24, 08/03/2016 09:26									
Arsenic	DUP	1621628-29	13.082	13.494		mg/kg	3.1		20		
	MS	1621628-29	13.082	18.455	10.000	mg/kg		53.7		75 - 125	Q03
	MSD	1621628-29	13.082	18.267	10.000	mg/kg	1.0	51.9	20	75 - 125	Q03
QC Batch ID: BZK1606		Used client sample: Y - Description: SB36-5S-00, 09/24/2016 08:19									
Lead	DUP	1627023-07	28.887	38.466		mg/kg	28.4		20		Q01
	MS	1627023-07	28.887	118.15	100.00	mg/kg		89.3		75 - 125	
	MSD	1627023-07	28.887	116.86	100.00	mg/kg	1.1	88.0	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 11/18/2016 16:01
Project: LAUSD - San Pedro HS
Project Number: 16-201-005
Project Manager: Travis Stravasnik

Notes And Definitions

J Estimated Value (CLP Flag)

MDL Method Detection Limit

ND Analyte Not Detected

PQL Practical Quantitation Limit

A07 Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.

A10 Detection and quantitation limits were raised due to matrix interference.

A19 Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.

A57 Chromatogram not typical of motor oil.

Q01 Sample precision is not within the control limits.

Q02 Matrix spike precision is not within the control limits.

Q03 Matrix spike recovery(s) is(are) not within the control limits.

S05 The sample holding time was exceeded.

S09 The surrogate recovery on the sample for this compound was not within the control limits.

Date of Report: 01/12/2017

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: [none]

BCL Project: LAUSD-San Pedro High School

BCL Work Order: 1627023

Invoice ID: B248769, B249722, B252631, B254949, B255946, B256466, B256737

Enclosed are the results of analyses for samples received by the laboratory on 9/27/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	5
Laboratory / Client Sample Cross Reference.....	26

Sample Results

1627023-07 - SB36-5S-00	
Organochlorine Pesticides (EPA Method 8081A).....	40
Total Concentrations (TTLC).....	41
1627023-10 - SB36-5N-00	
Organochlorine Pesticides (EPA Method 8081A).....	42
Total Concentrations (TTLC).....	43
1627023-13 - SB26-10N-00	
Total Concentrations (TTLC).....	44
1627023-18 - SB26-5S-00	
Organochlorine Pesticides (EPA Method 8081A).....	45
Total Concentrations (TTLC).....	46
1627023-21 - SB26-5N-00	
Organochlorine Pesticides (EPA Method 8081A).....	47
Total Concentrations (TTLC).....	48
1627023-22 - SB26-5N-12	
Total Concentrations (TTLC).....	49
1627023-26 - DUP1A-092416	
Organochlorine Pesticides (EPA Method 8081A).....	50
Total Concentrations (TTLC).....	51
1627023-27 - SB25-10W-00	
Total Concentrations (TTLC).....	52
1627023-28 - SB25-10W-12	
Total Concentrations (TTLC).....	53
1627023-29 - SB25-10W-24	
Total Concentrations (TTLC).....	54
1627023-30 - SB25-5W-00	
Organochlorine Pesticides (EPA Method 8081A).....	55
Total Concentrations (TTLC).....	56
1627023-31 - SB25-5W-12	
Total Concentrations (TTLC).....	57
1627023-32 - SB25-5W-24	
Total Concentrations (TTLC).....	58
1627023-33 - SB25-10E-00	
Organochlorine Pesticides (EPA Method 8081A).....	59
Total Concentrations (TTLC).....	60
1627023-34 - SB25-10E-12	
Organochlorine Pesticides (EPA Method 8081A).....	61
Total Concentrations (TTLC).....	62
1627023-35 - SB25-10E-24	
Total Concentrations (TTLC).....	63
1627023-36 - SB25-5E-00	
Organochlorine Pesticides (EPA Method 8081A).....	64
Total Concentrations (TTLC).....	65
1627023-37 - SB25-5E-12	
Organochlorine Pesticides (EPA Method 8081A).....	66
Total Concentrations (TTLC).....	67
1627023-45 - SB30-5N-00	
Organochlorine Pesticides (EPA Method 8081A).....	68
1627023-48 - SB30-5S-00	
Organochlorine Pesticides (EPA Method 8081A).....	69

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Table of Contents

1627023-51 - SB30-5E-00	
Organochlorine Pesticides (EPA Method 8081A).....	70
1627023-54 - SB27-5E-00	
Total Concentrations (TTLC).....	71
1627023-55 - SB27-10S-00	
Total Concentrations (TTLC).....	72
1627023-57 - SB27-5E-00	
Total Concentrations (TTLC).....	73
1627023-58 - SB27-5E-12	
Total Concentrations (TTLC).....	74
1627023-59 - SB27-5E-24	
Total Concentrations (TTLC).....	75
1627023-60 - SB27-10W-00	
Total Concentrations (TTLC).....	76
1627023-61 - SB27-10W-12	
Total Concentrations (TTLC).....	77
1627023-63 - DUP2A-092416	
Total Concentrations (TTLC).....	78
1627023-66 - SB27-5W-00	
Total Concentrations (TTLC).....	79
1627023-67 - SB27-5W-12	
Total Concentrations (TTLC).....	80
1627023-68 - SB27-5W-24	
Total Concentrations (TTLC).....	81
1627023-69 - SB31-5E-00	
Organochlorine Pesticides (EPA Method 8081A).....	82
Total Concentrations (TTLC).....	83
1627023-70 - SB31-5E-12	
Organochlorine Pesticides (EPA Method 8081A).....	84
Total Concentrations (TTLC).....	85
1627023-72 - SB31-5W-00	
Organochlorine Pesticides (EPA Method 8081A).....	86
Total Concentrations (TTLC).....	87
1627023-75 - SB31-5S-00	
Organochlorine Pesticides (EPA Method 8081A).....	88
Total Concentrations (TTLC).....	89
1627023-77 - SB31-10E-00	
Organochlorine Pesticides (EPA Method 8081A).....	90
Total Concentrations (TTLC).....	91
1627023-81 - SB31-10S-12	
Total Concentrations (TTLC).....	92
1627023-83 - SB34-5E-00	
Total Concentrations (TTLC).....	93
1627023-86 - SB34-5N-00	
Total Concentrations (TTLC).....	94
1627023-92 - SB34-10S-00	
Total Concentrations (TTLC).....	95
1627023-93 - SB34-10S-12	
Total Concentrations (TTLC).....	96
1627023-94 - SB34-10S-24	
Total Concentrations (TTLC).....	97
1627023-95 - SB34-5S-00	
Total Concentrations (TTLC).....	98
1627023-96 - SB34-5S-12	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Table of Contents

Total Concentrations (TTLC).....	99
Quality Control Reports	
Organochlorine Pesticides (EPA Method 8081A)	
Method Blank Analysis.....	100
Laboratory Control Sample.....	102
Precision and Accuracy.....	103
Total Concentrations (TTLC)	
Method Blank Analysis.....	105
Laboratory Control Sample.....	106
Precision and Accuracy.....	107
Notes	
Notes and Definitions.....	109



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 1 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Chain of Custody

* Required Fields

Client/Company Name * E2Managetech		Report Attention * T. Stravanski/G. Valenzuela		Phone * #: 562-353-4855 FAX * #: E-mail: gabriela.valenzuela@e2mt.com		TEMP: 119	
Address * 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City * Long Beach		State * CA		Zip * 90715	
Project Information: LAUSD-San Pedro High School		PO # BCL Quote #		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other:		ANALYSIS REQUESTED	
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		Result Request ** Surcharge <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/> System No. *	
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Mitoma		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		Result Request ** Surcharge <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/> System No. *	
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water CFW = Chlorinated Finished Water FW = Finished Water WW = Waste Water SW = Storm Water BW = Bottled Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Comments / Station Code	
Sample #	# Bottles	Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	
1		9/16	0810	SB 36-105-00	soil	NOLD	
2		9/16	0812	SB 36-105-12	soil		
3		9/16	0815	SB 36-105-24	soil		
4		9/16	0810	SB 36-10N-00	soil		
5		9/16	0813	SB 36-10N-12	soil		
6		9/16	0824	SB 36-10N-24	soil		
7		9/16	0819	SB 36-55-00	soil		
8		9/16	0821	SB 36-55-12	soil		
9		9/16	0823	SB 36-55-24	soil		
10		9/16	0828	SB 36-5N-00	soil		
11		9/16	0830	SB 36-5N-12	soil		
Relinquished by: (Signature and Printed Name) G. Valenzuela		Company E2Managetech		Date 9/16/16		Time 11:00	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Company BC Labs		Date 9/27/16		Time 5:20	
Received for Lab by: (Signature and Printed Name) G. Valenzuela		Company BC Labs		Date 9/27/16		Time 19:00	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method: WET BLUE NONE		Packing Material: WET BLUE NONE		Init.	

58-FL-0012-00 (Rev. 04/01)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 2 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

2/19

Chain of Custody

* Required Fields

Client/Company Name *		Report Attention *		Phone * #562-353-4855		FAX * #:	
E2Managetech		T. Stravaski/G. Valenzuela		E-mail: gabriela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr; Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		Result Request ** Surcharge			
Sampler Name Printed / Signature		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**			
G. Valenzuela/K. Lin/A. Milona							
Matrix Types:		CFW = Chlorinated Finished Water		CW = Chlorinated Waste Water		BW = Bottled Water	
RGW = Raw Ground Water		FW = Finished Water		WW = Waste Water		SW = Storm Water	
SO = Solid							
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
-12		SB26-54-24		soil		HOLD	
-13		SB26-101-00		soil			
-14		SB26-105-00		soil			
-15		SB26-105-00		soil			
-16		SB26-105-12		soil			
-17		SB26-105-24		soil			
-18		SB26-55-00		soil			
-19		SB26-55-12		soil			
-20		SB26-55-24		soil			
-21		SB26-54-00		soil			
-22		SB26-54-12		soil			
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		E2Managetech		9/26/16		11:20	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		BC Labs		9/27/16		5:20	
Received for Lab by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		BC Labs		9/27/16		19:00	
Shipping Method:		CAO UPS GSO WALK-IN SVC FED EX OTHER		Cooling Method:		WET BLUE NONE	
Cheek/Cash/Card		Amount:		Date:		Init.	
Packing Material:							

SP-FL-0015-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

0012 00 / 0001-0001

Page 7 of 109



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 4 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

4/19

Chain of Custody

TEMP: _____

16-27023

Client/Company Name *		Report Attention *		Phone * #562-353-4855		FAX * #:	
E2Managetech		T. Stravasknik/G. Valenzuela		E-mail: gabriela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr; Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		Result Request ** Surcharge			
Sampler Name Printed / Signature		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day**		Regulatory Compliance		Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/>	
G. Valenzuela/K. Lin/A. Milona				System No. *			
Matrix Types:		CFW = Raw Surface Water		CFW = Chlorinated Finished Water		CW = Bottled Water	
RCW = Raw Ground Water		FW = Finished Water		WW = Waste Water		SW = Storm Water	
DW = Drinking Water		SO = Solid					
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
Date		Time		Time			
9/16		0955		12		HOLD	
9/16		1010		24		↓	
9/16		1016		00		HOLD	
9/16		1021		12		HOLD	
9/16		1024		00		HOLD	
9/16		1049		00		HOLD	
9/16		1051		12		HOLD	
9/16		1058		24		HOLD	
9/16		1050		00		HOLD	
9/16		1125		00		HOLD	
9/16		1128		00		HOLD	
Relinquished by: (Signature and Printed Name)		Date		Time		Received by: (Signature and Print Name)	
G. Valenzuela		9/16		1200		BC Labs	
Relinquished by: (Signature and Printed Name)		Date		Time		Received by: (Signature and Print Name)	
G. Valenzuela		9/16		1200		BC Labs	
Received for Lab: (Signature and Printed Name)		Date		Time		Payment Received at Delivery:	
G. Valenzuela		9/16		1200		Date: Amount: Check/Cash/Card PIA # Init.	
Shipping Method:		CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method:		WET BLUE NONE	
9/16		9:27		1900			

SP-FL-2015-00 (Rev. 03/14)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 5 of 21

Chain of Custody

5/19

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

* Required Fields

Client/Company Name: E2Managetech		Report Attention: T. Stravanski/G. Valenzuela		Phone: #562-353-4355 E-mail: gabriela.valenzuela@e2mt.com		FAX: # E-mail:	
Address: 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City: Long Beach		State: CA		Zip: 90715	
Project Information: LAUSD-San Pedro High School		PO #		BCL Quote #			
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request		Result Request ** Surcharge			
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Milona		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**			
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water CFW = Chlorinated Finished Water FW = Finished Water CWV = Chlorinated Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Comments / Station Code	
Sample #	Bottles	Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	
44	1	9/24/16	11:31	SB30-10E-24	soil	HOLD	
45	1	9/1/16	11:09	SB30-5N-00	soil		X
46	1	9/1/16	11:12	SB30-5N-12	soil	HOLD	
47	1	9/1/16	11:15	SB30-5N-24	soil	↓	X
48	1	9/1/16	11:09	SB30-5S-00	soil	HOLD	
49	1	9/1/16	11:03	SB30-5S-12	soil	↓	
50	1	9/1/16	11:09	SB30-5S-24	soil		X
51	1	9/1/16	11:24	SB30-5E-00	soil	HOLD	
52	1	9/1/16	11:26	SB30-5E-12	soil	↓	
53	1	9/1/16	11:29	SB30-5E-24	soil		
54	1	9/1/16	12:07	SB30-5E-00	soil		X
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 9/24/16		Company E2Managetech		Received by: (Signature and Printed Name) John Wood	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 9/24/16		Company BC Labs		Received by: (Signature and Printed Name) Michael	
Received for Lab by: (Signature and Printed Name) Michael		Date 9/27/16		Company BC Labs		Payment Received at Delivery: Date: 9/27/16 Amount: 1900	
Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER		Cooling Method: WET BLUE NONE		Packing Material: WET BLUE NONE		Init.	

SP-FL-0012-00 (Rev. 04/01)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 6 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

6/19

Chain of Custody

Client/Company Name *		Report Attention *		Phone * # 562-353-4855		FAX * #	
E2Managetechn		T. Stravaski/G. Valenzuela		E-mail: gabiela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr; Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request		Result Request ** Surcharge	
Sampler Name Printed / Signature		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**			
G. Valenzuela/K. Lin/A. Miloma							
Matrix Types:		CFW = Chlorinated Finished Water		CW = Chornated Waste Water		BW = Bottled Water	
RSW = Raw Surface Water		FW = Finished Water		WW = Waste Water		SW = Storm Water	
RGW = Raw Ground Water						SO = Solid	
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
55		SB27-105-00		soil		HOLD	
56		SB27-105-12		soil		↓	
57		SB27-5E-06		soil		HOLD	
58		SB27-5E-12		soil		↓	
59		SB27-5E-24		soil		HOLD	
60		SB27-105-00		soil		↓	
61		SB27-105-12		soil		HOLD	
62		SB27-105-24		soil		HOLD	
63		SB27-105-24		soil		HOLD	
64		SB27-105-24		soil		HOLD	
65		SB27-105-24		soil		HOLD	
Relinquished by: (Signature and Printed Name)		Date		Time		Received by (Signature and Print Name)	
G. Valenzuela		9/16/16		11:20		Dale Wood	
Relinquished by: (Signature and Printed Name)		Date		Time		Received by (Signature and Print Name)	
Dale Wood		9/16/16		5:20		Dale Wood	
Received for Lab by (Signature and Printed Name)		Date		Time		Payment Received at Delivery:	
Dale Wood		9/16/16		9:00			
Shipping Method:		CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method:		WET BLUE NONE	
		9.27 900		Date:		Amount:	
				Check/Cash/Card		PIA #	
				Packing Material:		Init	

SP-0012-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC

LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Chain of Custody

* Required Fields

Client/Company Name * E2Managetech		Report Attention * T. Stravaski/G. Valenzuela		Phone * #: 562-353-4855 E-mail: gabriela.valenzuela@e2mt.com		FAX * #:		TEMP: 7/19		ANALYSIS REQUESTED					
Address * 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City * Long Beach		State * CA		Zip * 90715		Carbon Copies: <input type="checkbox"/> CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other:		Arsenic (EPA 6010)		Lead (EPA 6010)		OCPs	
Project Information: LAUSD-San Pedro High School		PO #		BCL Quote #		Regulatory Compliance Electronic Data Transfer: System No. *		<input type="checkbox"/> Y <input type="checkbox"/> N							
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		Result Request ** Surcharge <input checked="" type="checkbox"/> STD <input type="checkbox"/> 3 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**		BW = Bottled Water CW = Chlorinated Waste Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid									
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water		CFW = Chlorinated Finished Water CWW = Chlorinated Waste Water		CW = Chlorinated Waste Water		BW = Bottled Water CW = Chlorinated Waste Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid									
Sample #		Sampled Date		Time		Sample Description / Location *		Matrix *		Comments / Station Code					
100		9/16		1307		SB 27-5W-00		soil		HOLD		X			
102		9/16		1310		SB 27-5W-12		soil		HOLD					
108		9/16		1321		SB 27-5W-24		soil		HOLD		X		NO	
109		9/16		1327		SB 31-5E-00		soil		HOLD		X			
110		9/16		1330		SB 31-5E-12		soil		HOLD					
111		9/16		1333		SB 31-5E-24		soil		HOLD					
112		9/16		1326		SB 31-5W-00		soil		HOLD		X			
113		9/16		1328		SB 31-5W-12		soil		HOLD					
114		9/16		1331		SB 31-5W-24		soil		HOLD					
115		9/16		1340		SB 31-5S-00		soil		HOLD		X			
116		9/16		1341		SB 31-5S-12		soil		HOLD					
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 9/20/16		Company E2Managetech		Date 9/20/16		Time 11:20		Received by: (Signature and Printed Name) Eden Wood		Company BCLabs			
Relinquished by: (Signature and Printed Name) Eden Wood		Date 9/20/16		Company BCLabs		Date 9/20/16		Time 5:20		Received by: (Signature and Printed Name) Eden Wood		Company BCLabs			
Received by: (Signature and Printed Name) Eden Wood		Date 9/20/16		Company BCLabs		Date 9/20/16		Time 1900		Payment Received at Delivery:		Check/Cash/Card		PIA #	
Shipping Method: CAO UPS GSO WALK-IN SIVC 4ED EX OTHER		Cooling Method: WET BLUE NONE		Packing Material:		Date:		Amount:						Init.	

SPL-001200 (Rev. 05/01)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 8 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetechn** Report Attention: **T. Stravanski/G. Valenzuela** Phone #: **562-353-4855** FAX #: **562-353-4855** E-mail: **gabriel.valenzuela@e2mnt.com**

Address: **5001 Airport Plaza Dr; Suite 260 Long Beach CA 90715** City: **Long Beach** State: **CA** Zip: **90715**
Project Information: **LAUSD-San Pedro High School** PO #: **90715**
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
QC Request ☒ STD ☐ Level II ☐ STD ☐ 5 Day** ☐ 2 Day**
Result Request ** Surcharge
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Mitoma** Regulatory Compliance Electronic Data Transfer: ☐ Y ☐ N

Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CWW = Chlorinated Waste Water BW = Bottled Water
RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water SO = Solid

Sample #	Bottles	Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs	ANALYSIS REQUESTED
27	9/16	1339		SB 31-10E-00	soil	HOLD				
28	9/16	1342		SB 31-10E-12	soil					
29	9/16	1344		SB 31-10E-24	soil					
30	9/16	1352		SB 31-10S-00	soil					
31	9/16	1353		SB 31-10S-12	soil					
32	9/16	1355		SB 31-10S-24	soil					
33	9/16	1401		SB 34-5E-00	soil					
34	9/16	1405		SB 34-5E-12	soil					
35	9/16	1407		SB 34-5E-24	soil					
36	9/16	1415		SB 34-5N-00	soil					
37	9/16	1418		SB 34-5N-12	soil					
Relinquished by: (Signature and Printed Name) G. Valenzuela Date 9/24/16 Time 11:20 Company E2Managetechn							Received by: (Signature and Print Name) John Wood Company BC Labs			
Relinquished by: (Signature and Printed Name) John Wood Date 9/24/16 Time 11:20 Company BC Labs							Received by: (Signature and Print Name) John Wood Company BC Labs			
Received by Lab by: (Signature and Printed Name) John Wood Date 9/24/16 Time 11:20 Company BC Labs							Payment Received at Delivery: 11:20 Date 9/24/16 Amount 1900 Check/Cash/Card PIA # Init.			
Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER							Packing Material: WET BLUE NONE			

SP-F-0012-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 9 of 21

Chain of Custody

9/19

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

* Required Fields

Client/Company Name *		Report Attention *		Phone * # 562-353-4855		FAX * #	
E2Managetech		T. Stravastnik/G. Valenzuela		E-mail: gabriela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr. Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only					
Sampler Name Printed / Signature		QC Request		Result Request ** Surcharge			
G. Valenzuela/K. Lin/A. Mitoma		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**			
Matrix Types:		CFW = Chlorinated Finished Water		CW = Chlorinated Waste Water		BW = Bottled Water	
RGW = Raw Ground Water		FW = Finished Water		WW = Waste Water		SW = Storm Water	
SO = Solid							
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
-88		9/21/16 SB 34-5N-24		soil		HOLD	
-89		9/1/16 SB 34-10N-06		soil			
-90		9/1/16 SB 34-10N-12		soil			
-91		9/1/16 SB 34-10N-24		soil			
-92		9/1/16 SB 34-10S-00		soil			
-93		9/1/16 SB 34-10S-12		soil			
-94		9/1/16 SB 34-10S-24		soil			
-95		9/1/16 SB 34-5S-00		soil			
-96		9/1/16 SB 34-5S-12		soil			
-97		9/1/16 SB 34-5S-24		soil			
-98		9/1/16 SB		soil			
Relinquished by: (Signature and Printed Name)		Company		Date		Received by: (Signature and Printed Name)	
G. Valenzuela		E2Managetech		9/16/16		J. Wood	
Relinquished by: (Signature and Printed Name)		Company		Date		Received by: (Signature and Printed Name)	
G. Valenzuela		BC Labs		9/16/16		J. Wood	
Received for Lab by: (Signature and Printed Name)		Date		Time		Payment Received at Delivery:	
J. Wood		9/16/16		900		Date: Amount: Init.	
Shipping Method:		CAO UPS GSO WALK-IN SIVC FEDEX OTHER		Cooling Method:		Packing Material:	
WET BLUE NONE							

SR-FL-0012-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 10 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 of 12							
Submission #: 16-27023				#							
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W 15							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals		None <input checked="" type="checkbox"/> Comments: _____									
Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/>											
Intact: Yes <input type="checkbox"/> No <input type="checkbox"/>		Intact: Yes <input type="checkbox"/> No <input type="checkbox"/>									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Contained: 12.61g Thermometer ID: 208		Date/Time: 9-27-16 1902							
		Temperature: (A) 1.0 °C / (C) 1.2 °C		Analyst Init: N							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CRA

Date/Time: 9/28/16

Rev 21 05/23/2016

FORMS\SAMREC\rev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 11 of 21

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 of 12

Submission #: 16-27023

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify) _____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify) _____

FREE LIQUID
YES ☐ NO ☒ WTS

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____

Custody Seals Ice Chest ☐ Containers ☐ None ☒ Comments: _____
Intact: Yes ☐ No ☒ Intact: Yes ☐ No ☒

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received
☒ YES ☐ NO

Emissivity: 0.95 Container: 18 Glass Thermometer ID: 208 Date/Time: 9-27-16 1902
Temperature: (A) 1.0 °C / (C) 1.2 °C Analyst Init: W

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	20
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: WDate/Time: 9/28/16125

Rev 21 05/23/2016

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 12 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>3</u> of <u>12</u>
Submission #: <u>16-27023</u>				#
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
BC Lab Field Service <input checked="" type="checkbox"/>	Other <input type="checkbox"/> (Specify) _____	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>	W <u>175</u>
Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____				
Custody Seals: <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____				
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>0.95</u> Container: <u>2 glass</u> Thermometer ID: <u>208</u>		Date/Time: <u>9-27-16</u> 902
		Temperature: (A) <u>1.0</u> °C / (C) <u>1.2</u> °C		Analyst Init: <u>M</u>

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	24	25	26	30	31	32	33	34	35	36
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: COADate/Time: 9/28/16 1225

Rev 21 05/23/2016

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 13 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 4 of 12							
Submission #: 16-27023				#							
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/>	Other <input type="checkbox"/> (Specify)	Other <input type="checkbox"/> (Specify)		YES <input type="checkbox"/> NO <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/>		Comments:		W 175							
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/>		None <input checked="" type="checkbox"/> Comments:									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: 18 glass Thermometer ID: 208		Date/Time: 9-27-16 902							
Temperature: (A) 1.0 °C / (C) 1.2 °C		Analyst Init: M									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		37	38	39	40	41	42	43	44	45	46
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CAA

Date/Time: 9/28/16 1225

Rev 21 05/23/2016

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 14 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 5 of 12							
Submission #: 16-27023				#							
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W 15							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: 129140 Thermometer ID: 208		Date/Time: 9-27-16 902							
		Temperature: (A) 1.0 °C / (C) 1.2 °C		Analyst Init: N							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		47	48	49	50	51	52	53	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A			
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: NAR

Date/Time: 9/28/16

1225

Rev 21 05/23/2016

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 6 of 12							
Submission #: 16-27023											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: CR 9600 Thermometer ID: 208		Date/Time: 9-27-16 1900							
		Temperature: (A) 0.7 °C / (C) 80.9 °C		Analyst Init: N							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		54	55	56	57	58	59	60	61	62	63
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Analysis: 1225 9/28/16

Chain of Custody and Cooler Receipt Form for 1627023 Page 16 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 7 of 12							
Submission #: 16-27023											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.95 Container: CR 9600 Thermometer ID: 208		Date/Time: 9-27-16 1900							
		Temperature: (A) 0.7 °C (C) 80.9 °C		Analyst Init: N							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		67	68	69	70	71	72	73	74	75	76
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Name: _____

A 20A

9/28/16 R25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 17 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 8 of 12							
Submission #: 16-27023											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / <u>S</u>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: CR 9100 Thermometer ID: 208		Date/Time: 9-27-16 1900							
		Temperature: (A) 0.7 °C (C) 80.9 °C		Analyst Init: <u>7</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		80	81	82	83	84	85	89	90	91	92
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

1/2A

9/27/16 1225

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627023 Page 18 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 9 of 12							
Submission #: 16-27023											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.95 Container: CR 9100 Thermometer ID: 208		Date/Time: 9-27-16 1900							
		Temperature: (A) 0.7 °C (C) 0.80.9 °C		Analyst Init: [Signature]							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		93	94	95	96	97	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A					
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

CR 9100 9/28/16 1225

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 19 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 10 of 20							
Submission #: 16-27023											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W <input type="checkbox"/> S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.975 Contained <input checked="" type="checkbox"/> Thermometer ID: 208		Date/Time: 9/27/16 1902							
Temperature: (A) 0.3 °C / (C) 0.5 °C		Analyst Init: N									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		27	28	29	63	64	65	77	78	79	86
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: A.A.A.

Date/Time: 9/28/16 1225

Rev 21 05/23/2016

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 20 of 21

Page 11 Of 12

COOLER RECEIPT FORM

BC LABORATORIES INC.

Submission #: 16-27023

SHIPPING INFORMATION

Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify) _____

SHIPPING CONTAINER

Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify) _____

FREE LIQUID

YES ☐ NO ☐
W ☐ S ☒

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____

Custody Seals

Containers ☐ Inactive Yes ☐ No ☐

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

Emissivity: 0.975 Contained Algal Thermometer ID: 208 Date/Time: 9-27-16 1902
COC Received YES ☒ NO ☐ Temperature: (A) 0.3 °C / (C) 0.5 °C Analyst Init 7

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____ Date/Time: 9/28/16 1225

Sample Numbering Completed By: COA

Rev 21 05/23/20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627023 Page 21 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 12 of 12							
Submission #: 16-27023											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.95 Contained: RCY165 Thermometer ID: 208		Date/Time: 9-27-16 902							
		Temperature: (A) 0.2 °C / (C) 0.4 °C		Analyst Init: 7							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		21	22	23	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁴⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A							
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: 100Date/Time: 9/28/16 1225

Rev 21 05/23/2016

BC LABORATORIES, INC. 1627023

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-01	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-02	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-03	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-04	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-05	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-06	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-07	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:19
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-08	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-09	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-10	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-11	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-12	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB36-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-13	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-14	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-15	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-16	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-17	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-18	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 08:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-19	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-20	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-21	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-22	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-23	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:19
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-24	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 15:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP1C-092416	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-25	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 15:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP1B-092416	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-26	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 15:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP1A-092416	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-27	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-28	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:53
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-29	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-30	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-31	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-32	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-33	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-34	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 09:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-35	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-36	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-37	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB25-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-38	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-39	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-40	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-41	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 10:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-42	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-43	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-44	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-45	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-46	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-47	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-48	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-49	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:03
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-50	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-51	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-52	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-53	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 11:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB30-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-54	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-55	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-56	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-57	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-58	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-59	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-60	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-61	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-62	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 12:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-63	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 15:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP2A-092416	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-64	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 15:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP2B-092416	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-65	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 15:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP2C-092416	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-66	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-67	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-68	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB27-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-69	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-70	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-71	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:33
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-72	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-73	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-74	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-75	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-76	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-77	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-78	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-79	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:44
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-80	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-81	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:53
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-82	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 13:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB31-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-83	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-84	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-85	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-86	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-87	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-88	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-89	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-90	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-91	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627023-92	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-93	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-94	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-95	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-96	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627023-97	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/24/2016 14:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-07		Client Sample Name: SB36-5S-00, 9/24/2016 8:19:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.0033	mg/kg	0.050	0.0015	EPA-8081A	2.5	J	1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.00095	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	0.0026	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.00095	mg/kg	0.00050	0.000070	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	28.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	29.1	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 12:39	HKS	GC-17	0.993	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-07	Client Sample Name:	SB36-5S-00, 9/24/2016 8:19:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	29	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 12:50	JCC	PE-OP3	1	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-10		Client Sample Name: SB36-5N-00, 9/24/2016 8:28:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.0040	mg/kg	0.10	0.0030	EPA-8081A	2.5	J,A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0019	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0037	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	39.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	47.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 12:53	HKS	GC-17	1.980	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-10	Client Sample Name:	SB36-5N-00, 9/24/2016 8:28:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	40	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:00	JCC	PE-OP3	0.990	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID: 1627023-13		Client Sample Name: SB26-10N-00, 9/24/2016 8:40:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	51	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/19/16 19:18	JCC	PE-OP3	0.962	BZJ1755

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-18		Client Sample Name: SB26-5S-00, 9/24/2016 8:59:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.00077	mg/kg	0.0010	0.00017	EPA-8081A	1.0	J,A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.00038	mg/kg	0.0010	0.00014	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	31.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	43.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 13:08	HKS	GC-17	1.980	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1627023-18	Client Sample Name:	SB26-5S-00, 9/24/2016 8:59:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	8.2	mg/kg	0.81	0.33	EPA-6010B	500		1
Lead	30	mg/kg	2.5	0.28	EPA-6010B	1000		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:29	JCC	PE-OP3	0.813	BZI2684
2	EPA-6010B	11/16/16	11/17/16 13:04	JCC	PE-OP3	0.971	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-21		Client Sample Name: SB26-5N-00, 9/24/2016 9:10:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.00060	mg/kg	0.0025	0.00035	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	21.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	28.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 13:22	HKS	GC-17	4.967	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-21	Client Sample Name:	SB26-5N-00, 9/24/2016 9:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	100	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:13	JCC	PE-OP3	1	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-22	Client Sample Name:	SB26-5N-12, 9/24/2016 9:14:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	2.3	mg/kg	2.5	0.28	EPA-6010B	1000	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 09:53	JCC	PE-OP3	0.971	BZJ1755

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-26		Client Sample Name: DUP1A-092416, 9/24/2016 3:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.00036	mg/kg	0.0010	0.00017	EPA-8081A	1.0	J,A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.00018	mg/kg	0.0010	0.00014	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	19.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1
Decachlorobiphenyl (Surrogate)	27.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 13:37	HKS	GC-17	1.967	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-26	Client Sample Name:	DUP1A-092416, 9/24/2016 3:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	0.61	0.24	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:30	JCC	PE-OP3	0.606	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-27	Client Sample Name:	SB25-10W-00, 9/24/2016 9:51:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	19	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:04	JCC	PE-OP3	0.971	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-28	Client Sample Name:	SB25-10W-12, 9/24/2016 9:53:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	27	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:37	JCC	PE-OP3	1.852	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-29	Client Sample Name:	SB25-10W-24, 9/24/2016 10:04:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/09/17	01/10/17 09:33	JCC	PE-OP3	4.950	B[A0495

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-30		Client Sample Name: SB25-5W-00, 9/24/2016 10:10:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0015	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.00073	mg/kg	0.00050	0.000083	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.00042	mg/kg	0.00050	0.000070	EPA-8081A	8.0	J	1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	39.7	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	48.4	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 13:51	HKS	GC-17	0.993	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-30	Client Sample Name:	SB25-5W-00, 9/24/2016 10:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:31	JCC	PE-OP3	1	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-31	Client Sample Name:	SB25-5W-12, 9/24/2016 10:12:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	33	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:38	JCC	PE-OP3	4.762	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-32	Client Sample Name:	SB25-5W-24, 9/24/2016 10:21:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	35	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:07	JCC	PE-OP3	0.943	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-33		Client Sample Name: SB25-10E-00, 9/24/2016 9:51:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.55	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.020	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A01	2
4,4'-DDE	0.20	mg/kg	0.025	0.0042	EPA-8081A	1.0	A01	3
4,4'-DDT	0.041	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A01	2
Dieldrin	0.011	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	54.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	46.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/07/16	10/10/16 15:25	HKS	GC-17	2.007	BZJ0804
2	EPA-8081A	10/07/16	10/11/16 15:46	HKS	GC-17	10.033	BZJ0804
3	EPA-8081A	10/07/16	10/11/16 16:01	HKS	GC-17	50.167	BZJ0804

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-33	Client Sample Name:	SB25-10E-00, 9/24/2016 9:51:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:05	JCC	PE-OP3	0.935	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-34		Client Sample Name: SB25-10E-12, 9/24/2016 9:55:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10,S05	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10,S05	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10,S05	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10,S05	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10,S05	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10,S05	1
4,4'-DDD	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDE	ND	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10,S05	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10,S05	1
Dieldrin	ND	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10,S05	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10,S05	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10,S05	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10,S05	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10,S05	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10,S05	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10,S05	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10,S05	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10,S05	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10,S05	1
TCMX (Surrogate)	62.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1
Decachlorobiphenyl (Surrogate)	53.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S05	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	11/16/16	11/23/16 03:30	HKS	GC-17	5.085	BZK1571

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-34	Client Sample Name:	SB25-10E-12, 9/24/2016 9:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	19	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:39	JCC	PE-OP3	1.942	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-35	Client Sample Name:	SB25-10E-24, 9/24/2016 10:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/09/17	01/10/17 09:38	JCC	PE-OP3	4.717	B[A0495

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-36		Client Sample Name: SB25-5E-00, 9/24/2016 10:16:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.96	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	0.034	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	0.36	mg/kg	0.025	0.0042	EPA-8081A	1.0		2
4,4'-DDT	0.056	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	0.037	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	49.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	60.5	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 15:04	HKS	GC-17	9.934	BZJ0116
2	EPA-8081A	09/29/16	10/03/16 13:02	HKS	GC-17	49.669	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-36	Client Sample Name:	SB25-5E-00, 9/24/2016 10:16:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:33	JCC	PE-OP3	0.971	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-37		Client Sample Name: SB25-5E-12, 9/24/2016 10:21:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.041	mg/kg	0.10	0.0030	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.0011	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0089	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0022	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.0011	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	54.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	44.4	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/07/16	10/10/16 15:39	HKS	GC-17	2	BZJ0804

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-37	Client Sample Name:	SB25-5E-12, 9/24/2016 10:21:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	18	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:40	JCC	PE-OP3	1.905	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-45		Client Sample Name: SB30-5N-00, 9/24/2016 11:09:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.50	0.015	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0020	mg/kg	0.0050	0.00085	EPA-8081A	1.0	J,A10	1
4,4'-DDE	ND	mg/kg	0.0050	0.00083	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	0.00072	mg/kg	0.0050	0.00070	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	54.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	55.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 15:19	HKS	GC-17	9.901	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-48		Client Sample Name: SB30-5S-00, 9/24/2016 11:02:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00055	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0050	0.00064	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0050	0.00071	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0050	0.00059	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00034	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.040	mg/kg	0.50	0.015	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.013	mg/kg	0.0050	0.00085	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0020	mg/kg	0.0050	0.00083	EPA-8081A	1.0	J,A10	1
4,4'-DDT	ND	mg/kg	0.0050	0.00078	EPA-8081A	1.0	A10	1
Dieldrin	0.0058	mg/kg	0.0050	0.00070	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0050	0.00087	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0050	0.0011	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00099	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0050	0.00087	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00097	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0050	0.00057	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00078	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0050	0.0011	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.50	0.013	EPA-8081A	5	A10	1
TCMX (Surrogate)	68.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	68.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 15:33	HKS	GC-17	9.934	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-51		Client Sample Name: SB30-5E-00, 9/24/2016 11:24:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0022	mg/kg	0.0025	0.00042	EPA-8081A	1.0	J,A10	1
4,4'-DDE	0.00045	mg/kg	0.0025	0.00042	EPA-8081A	1.0	J,A10	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.00080	mg/kg	0.0025	0.00035	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	56.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	53.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 15:48	HKS	GC-17	5	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-54	Client Sample Name:	SB27-5E-00, 9/24/2016 12:02:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.7	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:34	JCC	PE-OP3	0.971	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-55	Client Sample Name:	SB27-10S-00, 9/24/2016 12:06:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.6	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:06	JCC	PE-OP3	0.952	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-57	Client Sample Name:	SB27-5E-00, 9/24/2016 12:25:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.4	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:35	JCC	PE-OP3	0.980	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-58	Client Sample Name:	SB27-5E-12, 9/24/2016 12:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.3	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:10	JCC	PE-OP3	0.917	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-59	Client Sample Name:	SB27-5E-24, 9/24/2016 12:35:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.2	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:11	JCC	PE-OP3	0.990	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-60	Client Sample Name:	SB27-10W-00, 9/24/2016 12:26:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.4	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/19/16 19:21	JCC	PE-OP3	0.990	BZJ1755

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-61	Client Sample Name:	SB27-10W-12, 9/24/2016 12:32:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.9	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:12	JCC	PE-OP3	0.935	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-63	Client Sample Name:	DUP2A-092416, 9/24/2016 3:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.0	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:37	JCC	PE-OP3	0.990	BZI2684

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-66	Client Sample Name:	SB27-5W-00, 9/24/2016 1:07:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/30/16	09/30/16 16:51	JRG	PE-OP2	0.917	BZI2802

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-67	Client Sample Name:	SB27-5W-12, 9/24/2016 1:10:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/19/16 19:22	JCC	PE-OP3	0.952	BZJ1755

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-68	Client Sample Name:	SB27-5W-24, 9/24/2016 1:21:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:42	JCC	PE-OP3	4.630	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-69		Client Sample Name: SB31-5E-00, 9/24/2016 1:27:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	0.031	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	0.023	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.076	mg/kg	0.0050	0.00070	EPA-8081A	8.0		2
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	36.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	34.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 16:02	HKS	GC-17	4.918	BZJ0116
2	EPA-8081A	09/29/16	10/03/16 13:17	HKS	GC-17	9.836	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-69	Client Sample Name:	SB31-5E-00, 9/24/2016 1:27:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	130	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:15	JCC	PE-OP3	0.962	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-70		Client Sample Name: SB31-5E-12, 9/24/2016 1:30:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000055	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.000064	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.000071	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000059	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000034	EPA-8081A	4.0		1
Chlordane (Technical)	0.0094	mg/kg	0.050	0.0015	EPA-8081A	2.5	J	1
4,4'-DDD	ND	mg/kg	0.00050	0.000085	EPA-8081A	1.0		1
4,4'-DDE	0.00018	mg/kg	0.00050	0.000083	EPA-8081A	1.0	J	1
4,4'-DDT	ND	mg/kg	0.00050	0.000078	EPA-8081A	1.0		1
Dieldrin	0.00018	mg/kg	0.00050	0.000070	EPA-8081A	8.0	J	1
Endosulfan I	ND	mg/kg	0.00050	0.000087	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00011	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000099	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000087	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.000097	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000057	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000078	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00011	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0013	EPA-8081A	5		1
TCMX (Surrogate)	47.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	44.1	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/07/16	10/10/16 15:54	HKS	GC-17	1.003	BZJ0804

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-70	Client Sample Name:	SB31-5E-12, 9/24/2016 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	5.8	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:13	JCC	PE-OP3	0.990	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-72		Client Sample Name: SB31-5W-00, 9/24/2016 1:26:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.021	mg/kg	0.25	0.0075	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.0058	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0090	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0085	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.020	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	75.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	76.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 16:17	HKS	GC-17	4.950	BZJ0116

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-72	Client Sample Name:	SB31-5W-00, 9/24/2016 1:26:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	21	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:22	JCC	PE-OP3	0.980	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-75		Client Sample Name: SB31-5S-00, 9/24/2016 1:40:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.035	mg/kg	0.25	0.0075	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.0058	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0080	mg/kg	0.0025	0.00042	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0084	mg/kg	0.0025	0.00039	EPA-8081A	1.0	A10	1
Dieldrin	0.025	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	83.9	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	84.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 16:31	HKS	GC-17	4.983	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID: 1627023-75		Client Sample Name: SB31-5S-00, 9/24/2016 1:40:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	14	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:23	JCC	PE-OP3	0.971	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627023-77		Client Sample Name: SB31-10E-00, 9/24/2016 1:39:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.17	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0067	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0043	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	0.0070	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.011	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	83.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	67.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	10/07/16	10/10/16 16:08	HKS	GC-17	1.987	BZJ0804

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-77	Client Sample Name:	SB31-10E-00, 9/24/2016 1:39:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	46	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:14	JCC	PE-OP3	0.926	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-81	Client Sample Name:	SB31-10S-12, 9/24/2016 1:53:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	6.7	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 12:38	JCC	PE-OP3	0.935	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID: 1627023-83		Client Sample Name: SB34-5E-00, 9/24/2016 2:01:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	26	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:25	JCC	PE-OP3	0.943	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-86	Client Sample Name:	SB34-5N-00, 9/24/2016 2:15:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	77	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:26	JCC	PE-OP3	0.935	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-92	Client Sample Name:	SB34-10S-00, 9/24/2016 2:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	150	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:15	JCC	PE-OP3	0.943	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-93	Client Sample Name:	SB34-10S-12, 9/24/2016 2:02:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	92	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/09/17	01/10/17 09:40	JCC	PE-OP3	0.971	B[A0495

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-94	Client Sample Name:	SB34-10S-24, 9/24/2016 2:09:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	15	mg/kg	25	2.8	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/11/17	01/12/17 12:35	JCC	PE-OP3	9.615	B[A0800

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-95	Client Sample Name:	SB34-5S-00, 9/24/2016 2:16:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	200	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:27	JCC	PE-OP3	0.962	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627023-96	Client Sample Name:	SB34-5S-12, 9/24/2016 2:18:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	17	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:17	JCC	PE-OP3	0.971	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZJ0116						
Aldrin	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZJ0116-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZJ0116-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZJ0116-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZJ0116-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZJ0116-BLK1	90.3	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZJ0116-BLK1	99.0	%	40 - 130 (LCL - UCL)		

QC Batch ID: BZJ0804						
Aldrin	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZJ0804-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000087	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZJ0804						
Endosulfan II	BZJ0804-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZJ0804-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZJ0804-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZJ0804-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZJ0804-BLK1	109	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZJ0804-BLK1	93.9	%	40 - 130 (LCL - UCL)		
QC Batch ID: BZK1571						
Aldrin	BZK1571-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZK1571-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZK1571-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZK1571-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZK1571-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZK1571-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZK1571-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZK1571-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZK1571-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZK1571-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZK1571-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZK1571-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZK1571-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZK1571-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZK1571-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZK1571-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZK1571-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZK1571-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZK1571-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZK1571-BLK1	82.4	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZK1571-BLK1	82.6	%	40 - 130 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZJ0116										
Aldrin	BZJ0116-BS1	LCS	0.0044893	0.0050167	mg/kg	89.5		70 - 130		
gamma-BHC (Lindane)	BZJ0116-BS1	LCS	0.0044900	0.0050167	mg/kg	89.5		60 - 140		
4,4'-DDT	BZJ0116-BS1	LCS	0.0057054	0.0050167	mg/kg	114		60 - 140		
Dieldrin	BZJ0116-BS1	LCS	0.0043676	0.0050167	mg/kg	87.1		70 - 130		
Endrin	BZJ0116-BS1	LCS	0.0044843	0.0050167	mg/kg	89.4		60 - 140		
Heptachlor	BZJ0116-BS1	LCS	0.0046759	0.0050167	mg/kg	93.2		60 - 140		
TCMX (Surrogate)	BZJ0116-BS1	LCS	0.0081298	0.010033	mg/kg	81.0		20 - 130		
Decachlorobiphenyl (Surrogate)	BZJ0116-BS1	LCS	0.019744	0.020067	mg/kg	98.4		40 - 130		
QC Batch ID: BZJ0804										
Aldrin	BZJ0804-BS1	LCS	0.0043650	0.0050505	mg/kg	86.4		70 - 130		
gamma-BHC (Lindane)	BZJ0804-BS1	LCS	0.0052182	0.0050505	mg/kg	103		60 - 140		
4,4'-DDT	BZJ0804-BS1	LCS	0.0067468	0.0050505	mg/kg	134		60 - 140		
Dieldrin	BZJ0804-BS1	LCS	0.0047990	0.0050505	mg/kg	95.0		70 - 130		
Endrin	BZJ0804-BS1	LCS	0.0046771	0.0050505	mg/kg	92.6		60 - 140		
Heptachlor	BZJ0804-BS1	LCS	0.0047269	0.0050505	mg/kg	93.6		60 - 140		
TCMX (Surrogate)	BZJ0804-BS1	LCS	0.0090003	0.010101	mg/kg	89.1		20 - 130		
Decachlorobiphenyl (Surrogate)	BZJ0804-BS1	LCS	0.019287	0.020202	mg/kg	95.5		40 - 130		
QC Batch ID: BZK1571										
Aldrin	BZK1571-BS1	LCS	0.0042341	0.0049669	mg/kg	85.2		70 - 130		
gamma-BHC (Lindane)	BZK1571-BS1	LCS	0.0044636	0.0049669	mg/kg	89.9		60 - 140		
4,4'-DDT	BZK1571-BS1	LCS	0.0050877	0.0049669	mg/kg	102		60 - 140		
Dieldrin	BZK1571-BS1	LCS	0.0041884	0.0049669	mg/kg	84.3		70 - 130		
Endrin	BZK1571-BS1	LCS	0.0051679	0.0049669	mg/kg	104		60 - 140		
Heptachlor	BZK1571-BS1	LCS	0.0045311	0.0049669	mg/kg	91.2		60 - 140		
TCMX (Surrogate)	BZK1571-BS1	LCS	0.0083768	0.0099338	mg/kg	84.3		20 - 130		
Decachlorobiphenyl (Surrogate)	BZK1571-BS1	LCS	0.015952	0.019868	mg/kg	80.3		40 - 130		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZJ0116		Used client sample: Y - Description: SB36-5S-00, 09/24/2016 08:19									
Aldrin	MS	1627023-07	ND	0.0024436	0.0050676	mg/kg		48.2		50 - 140	Q03
	MSD	1627023-07	ND	0.0023732	0.0049669	mg/kg	2.9	47.8	30	50 - 140	Q03
gamma-BHC (Lindane)	MS	1627023-07	ND	0.0022361	0.0050676	mg/kg		44.1		50 - 140	Q03
	MSD	1627023-07	ND	0.0021656	0.0049669	mg/kg	3.2	43.6	30	50 - 140	Q03
4,4'-DDT	MS	1627023-07	0.0026013	0.0047409	0.0050676	mg/kg		42.2		50 - 140	Q03
	MSD	1627023-07	0.0026013	0.0043182	0.0049669	mg/kg	9.3	34.6	30	50 - 140	Q03
Dieldrin	MS	1627023-07	0.00094868	0.0027436	0.0050676	mg/kg		35.4		40 - 140	Q03
	MSD	1627023-07	0.00094868	0.0026146	0.0049669	mg/kg	4.8	33.5	30	40 - 140	Q03
Endrin	MS	1627023-07	ND	0.0035564	0.0050676	mg/kg		70.2		50 - 150	
	MSD	1627023-07	ND	0.0033401	0.0049669	mg/kg	6.3	67.2	30	50 - 150	
Heptachlor	MS	1627023-07	ND	0.0021017	0.0050676	mg/kg		41.5		60 - 140	Q03
	MSD	1627023-07	ND	0.0020060	0.0049669	mg/kg	4.7	40.4	30	60 - 140	Q03
TCMX (Surrogate)	MS	1627023-07	ND	0.0038601	0.010135	mg/kg		38.1		20 - 130	
	MSD	1627023-07	ND	0.0037401	0.0099338	mg/kg	3.2	37.7		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1627023-07	ND	0.0094584	0.020270	mg/kg		46.7		40 - 130	
	MSD	1627023-07	ND	0.0083699	0.019868	mg/kg	12.2	42.1		40 - 130	
QC Batch ID: BZJ0804		Used client sample: Y - Description: SB25-10E-00, 09/24/2016 09:51									
Aldrin	MS	1627023-33	ND	0.0037033	0.0049669	mg/kg		74.6		50 - 140	
	MSD	1627023-33	ND	0.0038319	0.0050847	mg/kg	3.4	75.4	30	50 - 140	
gamma-BHC (Lindane)	MS	1627023-33	ND	0.0035954	0.0049669	mg/kg		72.4		50 - 140	
	MSD	1627023-33	ND	0.0037797	0.0050847	mg/kg	5.0	74.3	30	50 - 140	
4,4'-DDT	MS	1627023-33	0.025847	0.037159	0.0049669	mg/kg		228		50 - 140	Q03
	MSD	1627023-33	0.025847	0.038649	0.0050847	mg/kg	3.9	252	30	50 - 140	Q03
Dieldrin	MS	1627023-33	0.010756	0.023495	0.0049669	mg/kg		256		40 - 140	Q03
	MSD	1627023-33	0.010756	0.024608	0.0050847	mg/kg	4.6	272	30	40 - 140	Q03
Endrin	MS	1627023-33	ND	0.042483	0.0049669	mg/kg		855		50 - 150	Q03
	MSD	1627023-33	ND	0.060713	0.0050847	mg/kg	35.3	1190	30	50 - 150	Q03
Heptachlor	MS	1627023-33	ND	0.0043060	0.0049669	mg/kg		86.7		60 - 140	
	MSD	1627023-33	ND	0.0044929	0.0050847	mg/kg	4.2	88.4	30	60 - 140	
TCMX (Surrogate)	MS	1627023-33	ND	0.0077073	0.0099338	mg/kg		77.6		20 - 130	
	MSD	1627023-33	ND	0.0079092	0.010169	mg/kg	2.6	77.8		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1627023-33	ND	0.014317	0.019868	mg/kg		72.1		40 - 130	
	MSD	1627023-33	ND	0.013932	0.020339	mg/kg	2.7	68.5		40 - 130	
QC Batch ID: BZK1571		Used client sample: N									
Aldrin	MS	1625251-85	ND	0.0041831	0.0050676	mg/kg		82.5		50 - 140	
	MSD	1625251-85	ND	0.0038827	0.0049834	mg/kg	7.4	77.9	30	50 - 140	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZK1571		Used client sample: N									
gamma-BHC (Lindane)	MS	1625251-85	ND	0.0045368	0.0050676	mg/kg		89.5		50 - 140	
	MSD	1625251-85	ND	0.0041468	0.0049834	mg/kg	9.0	83.2	30	50 - 140	
4,4'-DDT	MS	1625251-85	ND	0.0051642	0.0050676	mg/kg		102		50 - 140	
	MSD	1625251-85	ND	0.0048661	0.0049834	mg/kg	5.9	97.6	30	50 - 140	
Dieldrin	MS	1625251-85	ND	0.0042172	0.0050676	mg/kg		83.2		40 - 140	
	MSD	1625251-85	ND	0.0039860	0.0049834	mg/kg	5.6	80.0	30	40 - 140	
Endrin	MS	1625251-85	ND	0.0053392	0.0050676	mg/kg		105		50 - 150	
	MSD	1625251-85	ND	0.0047874	0.0049834	mg/kg	10.9	96.1	30	50 - 150	
Heptachlor	MS	1625251-85	ND	0.0044753	0.0050676	mg/kg		88.3		60 - 140	
	MSD	1625251-85	ND	0.0041578	0.0049834	mg/kg	7.4	83.4	30	60 - 140	
TCMX (Surrogate)	MS	1625251-85	ND	0.0083686	0.010135	mg/kg		82.6		20 - 130	
	MSD	1625251-85	ND	0.0075721	0.0099668	mg/kg	10.0	76.0		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1625251-85	ND	0.016724	0.020270	mg/kg		82.5		40 - 130	
	MSD	1625251-85	ND	0.015754	0.019934	mg/kg	6.0	79.0		40 - 130	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A0495]						
Arsenic	B[A0495-BLK1	ND	mg/kg	1.0	0.40	
Lead	B[A0495-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: B[A0800]						
Lead	B[A0800-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZI2684						
Arsenic	BZI2684-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZI2684-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZI2802						
Arsenic	BZI2802-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZJ1755						
Arsenic	BZJ1755-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZJ1755-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZK1606						
Arsenic	BZK1606-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZK1606-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZL1679						
Arsenic	BZL1679-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZL1679-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZL2441						
Arsenic	BZL2441-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZL2441-BLK1	0.43713	mg/kg	2.5	0.28	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: B[A0495										
Arsenic	B[A0495-BS1	LCS	9.3266	10.000	mg/kg	93.3		75 - 125		
Lead	B[A0495-BS1	LCS	102.12	100.00	mg/kg	102		75 - 125		
QC Batch ID: B[A0800										
Lead	B[A0800-BS1	LCS	99.934	100.00	mg/kg	99.9		75 - 125		
QC Batch ID: BZI2684										
Arsenic	BZI2684-BS1	LCS	9.1689	10.000	mg/kg	91.7		75 - 125		
Lead	BZI2684-BS1	LCS	93.298	100.00	mg/kg	93.3		75 - 125		
QC Batch ID: BZI2802										
Arsenic	BZI2802-BS1	LCS	8.8915	10.000	mg/kg	88.9		75 - 125		
QC Batch ID: BZJ1755										
Arsenic	BZJ1755-BS1	LCS	9.0817	10.000	mg/kg	90.8		75 - 125		
Lead	BZJ1755-BS1	LCS	98.383	100.00	mg/kg	98.4		75 - 125		
QC Batch ID: BZK1606										
Arsenic	BZK1606-BS1	LCS	9.0426	10.000	mg/kg	90.4		75 - 125		
Lead	BZK1606-BS1	LCS	94.434	100.00	mg/kg	94.4		75 - 125		
QC Batch ID: BZL1679										
Arsenic	BZL1679-BS1	LCS	10.615	10.000	mg/kg	106		75 - 125		
Lead	BZL1679-BS1	LCS	99.594	100.00	mg/kg	99.6		75 - 125		
QC Batch ID: BZL2441										
Arsenic	BZL2441-BS1	LCS	10.300	10.000	mg/kg	103		75 - 125		
Lead	BZL2441-BS1	LCS	110.12	100.00	mg/kg	110		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[A0495]		Used client sample: Y - Description: SB7-5S-24, 10/01/2016 10:24									
Arsenic	DUP	1627778-60	24.958	26.455		mg/kg	5.8		20		
	MS	1627778-60	24.958	28.469	10.000	mg/kg		35.1		75 - 125	Q03
	MSD	1627778-60	24.958	33.306	10.000	mg/kg	15.7	83.5	20	75 - 125	
Lead	DUP	1627778-60	12.708	7.8993		mg/kg	46.7		20		Q01
	MS	1627778-60	12.708	97.448	100.00	mg/kg		84.7		75 - 125	
	MSD	1627778-60	12.708	102.30	100.00	mg/kg	4.9	89.6	20	75 - 125	
QC Batch ID: B[A0800]		Used client sample: N									
Lead	DUP	634073-10RE3	ND	ND		mg/kg			20		
	MS	634073-10RE3	ND	92.303	100.00	mg/kg		92.3		75 - 125	
	MSD	634073-10RE3	ND	95.579	100.00	mg/kg	3.5	95.6	20	75 - 125	
QC Batch ID: BZI2684		Used client sample: Y - Description: SB26-5N-00, 09/24/2016 09:10									
Arsenic	DUP	1627023-21	15.563	14.613		mg/kg	6.3		20		
	MS	1627023-21	15.563	24.539	10.000	mg/kg		89.8		75 - 125	
	MSD	1627023-21	15.563	25.193	10.000	mg/kg	2.6	96.3	20	75 - 125	
Lead	DUP	1627023-21	101.68	98.237		mg/kg	3.4		20		
	MS	1627023-21	101.68	189.70	100.00	mg/kg		88.0		75 - 125	
	MSD	1627023-21	101.68	176.44	100.00	mg/kg	7.2	74.8	20	75 - 125	Q03
QC Batch ID: BZI2802		Used client sample: N									
Arsenic	DUP	1627192-01	5.2372	5.5660		mg/kg	6.1		20		
	MS	1627192-01	5.2372	12.274	10.000	mg/kg		70.4		75 - 125	Q03
	MSD	1627192-01	5.2372	11.670	10.000	mg/kg	5.1	64.3	20	75 - 125	Q03
QC Batch ID: BZJ1755		Used client sample: N									
Arsenic	DUP	1628797-01	6.0764	7.2152		mg/kg	17.1		20		
	MS	1628797-01	6.0764	15.500	10.000	mg/kg		94.2		75 - 125	
	MSD	1628797-01	6.0764	13.164	10.000	mg/kg	16.3	70.9	20	75 - 125	Q03
Lead	DUP	1628797-01	7.5091	9.2500		mg/kg	20.8		20		A02
	MS	1628797-01	7.5091	87.258	100.00	mg/kg		79.7		75 - 125	
	MSD	1628797-01	7.5091	77.731	100.00	mg/kg	11.5	70.2	20	75 - 125	Q03
QC Batch ID: BZK1606		Used client sample: Y - Description: SB36-5S-00, 09/24/2016 08:19									
Arsenic	DUP	1627023-07	0.91681	1.1206		mg/kg	20.0		20		
	MS	1627023-07	0.91681	10.206	10.000	mg/kg		92.9		75 - 125	
	MSD	1627023-07	0.91681	10.633	10.000	mg/kg	4.1	97.2	20	75 - 125	
Lead	DUP	1627023-07	28.887	38.466		mg/kg	28.4		20		Q01
	MS	1627023-07	28.887	118.15	100.00	mg/kg		89.3		75 - 125	
	MSD	1627023-07	28.887	116.86	100.00	mg/kg	1.1	88.0	20	75 - 125	
QC Batch ID: BZL1679		Used client sample: N									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZL1679		Used client sample: N									
Arsenic	DUP	1634960-23	4.8501	5.3933		mg/kg	10.6		20		
	MS	1634960-23	4.8501	14.098	10.000	mg/kg		92.5		75 - 125	
	MSD	1634960-23	4.8501	15.342	10.000	mg/kg	8.5	105	20	75 - 125	
Lead	DUP	1634960-23	12.626	13.210		mg/kg	4.5		20		
	MS	1634960-23	12.626	90.594	100.00	mg/kg		78.0		75 - 125	
	MSD	1634960-23	12.626	93.596	100.00	mg/kg	3.3	81.0	20	75 - 125	
QC Batch ID: BZL2441		Used client sample: N									
Arsenic	DUP	1634958-17	7.5757	8.0043		mg/kg	5.5		20		
	MS	1634958-17	7.5757	16.623	10.000	mg/kg		90.5		75 - 125	
	MSD	1634958-17	7.5757	17.485	10.000	mg/kg	5.1	99.1	20	75 - 125	
Lead	DUP	1634958-17	50.586	57.202		mg/kg	12.3		20		
	MS	1634958-17	50.586	132.86	100.00	mg/kg		82.3		75 - 125	
	MSD	1634958-17	50.586	130.31	100.00	mg/kg	1.9	79.7	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/12/2017 15:13
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A02	The difference between duplicate readings is less than the quantitation limit.
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
A10	Detection and quantitation limits were raised due to matrix interference.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S05	The sample holding time was exceeded.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

Date of Report: 01/04/2017

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: [none]
BCL Project: LAUSD-San Pedro High School
BCL Work Order: 1627024
Invoice ID: B248767, B250539, B252906, B255128, B255947

Enclosed are the results of analyses for samples received by the laboratory on 9/27/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	4
Laboratory / Client Sample Cross Reference.....	25

Sample Results

1627024-04 - SB41-10E-00	
Total Concentrations (TTLC).....	40
1627024-05 - SB41-10E-12	
Total Concentrations (TTLC).....	41
1627024-07 - SB41-5W-00	
Total Concentrations (TTLC).....	42
1627024-10 - SB41-5E-00	
Total Concentrations (TTLC).....	43
1627024-11 - SB41-5E-12	
Total Concentrations (TTLC).....	44
1627024-15 - SB47-10E-00	
Total Concentrations (TTLC).....	45
1627024-17 - SB44-10N-00	
Total Concentrations (TTLC).....	46
1627024-23 - SB44-5N-00	
Total Concentrations (TTLC).....	47
1627024-24 - SB44-5N-12	
Total Concentrations (TTLC).....	48
1627024-26 - SB44-5S-00	
Total Concentrations (TTLC).....	49
1627024-35 - SB46-10S-00	
Total Concentrations (TTLC).....	50
1627024-38 - SB46-5S-00	
Organochlorine Pesticides (EPA Method 8081A).....	51
Total Concentrations (TTLC).....	52
1627024-39 - SB46-5S-12	
Total Concentrations (TTLC).....	53
1627024-40 - SB46-5S-24	
Total Concentrations (TTLC).....	54
1627024-41 - SB46-5N-00	
Organochlorine Pesticides (EPA Method 8081A).....	55
Total Concentrations (TTLC).....	56
1627024-42 - SB46-5N-12	
Total Concentrations (TTLC).....	57
1627024-44 - SB46-5E-00	
Organochlorine Pesticides (EPA Method 8081A).....	58
Total Concentrations (TTLC).....	59
1627024-45 - SB46-5E-12	
Total Concentrations (TTLC).....	60
1627024-47 - DUP4A-092516	
Organochlorine Pesticides (EPA Method 8081A).....	61
Total Concentrations (TTLC).....	62
1627024-50 - SB23-5E-00	
Total Concentrations (TTLC).....	63
1627024-53 - SB23-5S-00	
Total Concentrations (TTLC).....	64
1627024-54 - SB23-5S-12	
Total Concentrations (TTLC).....	65
1627024-56 - SB23-5W-00	
Total Concentrations (TTLC).....	66

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

1627024-62 - SB23-10W-00	
Total Concentrations (TTLC).....	67
1627024-68 - SB1-10N-00	
Total Concentrations (TTLC).....	68
1627024-71 - SB1-5S-00	
Total Concentrations (TTLC).....	69
1627024-72 - SB1-5S-12	
Total Concentrations (TTLC).....	70
1627024-77 - SB1-5N-00	
Total Concentrations (TTLC).....	71
1627024-78 - SB1-5N-12	
Total Concentrations (TTLC).....	72
1627024-79 - SB1-5W-00	
Total Concentrations (TTLC).....	73
1627024-80 - SB1-5W-12	
Total Concentrations (TTLC).....	74
1627024-82 - SB4-5W-00	
Total Concentrations (TTLC).....	75
1627024-83 - SB4-5E-00	
Total Concentrations (TTLC).....	76
1627024-84 - SB4-5E-12	
Total Concentrations (TTLC).....	77
1627024-85 - SB4-5E-24	
Total Concentrations (TTLC).....	78
1627024-86 - SB4-10E-00	
Total Concentrations (TTLC).....	79
1627024-87 - SB4-10E-12	
Total Concentrations (TTLC).....	80
1627024-88 - SB4-10E-24	
Total Concentrations (TTLC).....	81
1627024-89 - SB4-5S-00	
Total Concentrations (TTLC).....	82
1627024-95 - SB6-5W-00	
Total Concentrations (TTLC).....	83

Quality Control Reports

Organochlorine Pesticides (EPA Method 8081A)

Method Blank Analysis.....	84
Laboratory Control Sample.....	85
Precision and Accuracy.....	86

Total Concentrations (TTLC)

Method Blank Analysis.....	87
Laboratory Control Sample.....	88
Precision and Accuracy.....	89

Notes

Notes and Definitions.....	91
----------------------------	----



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 1 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Chain of Custody

* Required Fields

Client/Company Name: E2Managetechn		Report Attention: T. Stravasknik/G. Valenzuela		Phone #: 562-353-4855 E-mail: gabriela.valenzuela@e2mt.com		FAX #: _____	
Address: 5001 Airport Plaza Dr, Suite 260 LAUSD-San Pedro High School		City: Long Beach State: CA Zip: 90715		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other: _____		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/>	
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		Result Request ** Surcharge <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**		Matrix * Matrix * Matrix *	
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Milona		CFW = Chlorinated Finished Water CW = Chlorinated Waste Water SW = Storm Water BW = Bottled Water DW = Drinking Water SO = Solid		Matrix * Matrix * Matrix *		Matrix *	
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water		CFW = Chlorinated Finished Water CW = Chlorinated Waste Water SW = Storm Water BW = Bottled Water DW = Drinking Water SO = Solid		Matrix * Matrix * Matrix *		Matrix *	
Sample #		Sample Description / Location *		Matrix *		Matrix *	
Date		Time		Time		Time	
9/25/16		08:04		08:04		08:04	
9/25/16		08:07		08:07		08:07	
9/25/16		08:09		08:09		08:09	
9/25/16		08:10		08:10		08:10	
9/25/16		08:13		08:13		08:13	
9/25/16		08:17		08:17		08:17	
9/25/16		08:10		08:10		08:10	
9/25/16		08:13		08:13		08:13	
9/25/16		08:14		08:14		08:14	
9/25/16		08:19		08:19		08:19	
9/25/16		08:20		08:20		08:20	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Company E2Managetechn		Date 9/25/16		Time 11:00	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Company BC Labs		Date 9/27/16		Time 5:20	
Received by Lab by: (Signature and Printed Name) G. Valenzuela		Company BC Labs		Date 9/27/16		Time 19:00	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method: WET BLUE NONE		Check/Cash/Card Packing Material:		Init.	

85-P-0012-00 / Amendment

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 2 of 21

Chain of Custody

11/19

16-27024

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name *		Report Attention *		Phone * #562-353-4855		FAX * #:	
E2Managetechn		T. Stravanski/G. Valenzuela		E-mail: gabiela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr, Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only					
Sampler Name Printed / Signature		QC Request		Result Request ** Surcharge			
G. Valenzuela/K. Lin/A.Mitoma		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**			
Matrix Types:		CFW = Chlorinated Finished Water		CW = Chlorinated Waste Water		BW = Bottled Water	
		RGW = Raw Ground Water		FW = Finished Water		SW = Storm Water	
		WW = Waste Water		DW = Drinking Water		SO = Solid	
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
-12		SB 41 - SE - 24		soil		NOID	
-13		SB 47 - NW - 00		soil		NOID	
-14		SB 47 - NW - 12		soil		NOID	
-15		SB 47 - NE - 00		soil		NOID	
-16		SB 17 - NE - 12		soil		NOID	
-17		SB 44 - NW - 00		soil		NOID	
-18		SB 44 - NW - 12		soil		NOID	
-19		SB 44 - NW - 24		soil		NOID	
-20		SB 44 - NW - 00		soil		NOID	
-21		SB 44 - NW - 12		soil		NOID	
-22		SB 44 - NW - 24		soil		NOID	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		E2Managetechn		11/19/16		11:20	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		E2Managetechn		11/19/16		11:20	
Received for Lab by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		E2Managetechn		11/19/16		11:20	
Shipping Method:		CAO UPS GSO WALK-IN SINE FED EX OTHER		Cooling Method:		WET BLUE NONE	
Payment Received at Delivery:		Amount:		Check/Cash/Card		PIA #	
Date:		9/27/16		9:27 AM		Init.	

SP-FL-0012-00 (Rev 06/11)

1
2
3
4
5
6
7
8
9
10
11
12

Page 6 of 91



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 4 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

13/19

16-27024

TEMP: _____

Chain of Custody

Client/Company Name: E2Managetech		Report Attention: T. Stravaski/G. Valenzuela		Phone #: 562-353-4855 FAX #: _____		E-mail: gabriela.valenzuela@e2mt.com	
Address: 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City: Long Beach State: CA Zip: 90715		Carbon Copies: <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other: _____			
Project Information: LAUSD-San Pedro High School		PO #: _____ BCL Quote #: _____		Regulatory Compliance: <input type="checkbox"/> Y <input type="checkbox"/> N Electronic Data Transfer: <input type="checkbox"/> Y <input type="checkbox"/> N System No. * _____			
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request: <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day**		Result Request ** Surcharge: _____			
Sampler Name Printed / Signature: G. Valenzuela/K. Lin/A. Milona		CFW = Chlorinated Finished Water CW = Chlorinated Waste Water BW = Bottled Water RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Matrix * _____			
Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CW = Chlorinated Waste Water BW = Bottled Water RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Sample Description / Location *		Comments / Station Code			
Sample #	Bottles	Date	Time	SB	46-10N-24	soil	NOLD
234		9/25/16	0953	SB	46-10S-06	soil	
235			0941	SB	46-10S-06	soil	
236			0943	SB	46-10S-02	soil	
237			0945	SB	46-10S-24	soil	
238			0947	SB	46-55-00	soil	
239			0949	SB	46-55-12	soil	
240			0951	SB	46-55-24	soil	
241			0956	SB	46-5N-00	soil	
242			0958	SB	46-5N-12	soil	
243			1000	SB	46-5N-24	soil	
244			0953	SB	46-5E-00	soil	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date: 9/25/16		Company: E2Managetech		Time: 11:20	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date: 9/27/16		Company: BC Labs		Time: 5:20	
Received by: (Signature and Printed Name) G. Valenzuela		Date: 9/27/16		Company: BC Labs		Time: 1900	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Packing Material: WET BLUE NONE		Check/Cash/Card: _____		PIA #: _____	
Init.:		Date:		Amount:		Payment Received at Delivery:	

SRF-0012-00 (rev/04/01)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 5 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

14/19

Chain of Custody

* Required Fields

Client/Company Name *		Report Attention *		Phone # 562-353-4855 FAX #		E-mail: gabriela.valenzuela@e2mt.com	
E2Managetechn		T. Stravasknik/G. Valenzuela					
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr, Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request		Result Request ** Surcharge	
Sampler Name Printed / Signature		G. Valenzuela/K. LinA Miloma		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day**			
Matrix Types:		RSW = Raw Surface Water CFW = Chlorinated Finished Water CWW = Chlorinated Waste Water BW = Bottled Water RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid					
Sample #		Bottles		Date		Time	
-45		1		9/25/16		0954	
-46		1		9/25/16		0955	
-47		1		9/25/16		1520	
-48		1		9/25/16		1523	
-49		1		9/25/16		1525	
-50		1		9/25/16		1014	
-51		1		9/25/16		1016	
-52		1		9/25/16		1018	
-53		1		9/25/16		1027	
-54		1		9/25/16		1025	
-55		1		9/25/16		1027	
Relinquished by: (Signature and Printed Name)		G. Valenzuela		Date		Time	
		9/25/16		11:20			
Relinquished by: (Signature and Printed Name)		G. Valenzuela		Date		Time	
		9/27/16		11:20			
Received for Lab by: (Signature and Printed Name)		G. Valenzuela		Date		Time	
		9/27/16		11:20			
Shipping Method:		CAO UPS GSO WALK-IN SIVC FIB EX OTHER		Cooling Method:		WET BLUE NONE	
Packing Material:				Check/Cash/Card		P/A #	
				Date:		Amount:	
				Payment Received at Delivery:			
				Received by (Signature and Print Name)		Received by (Signature and Print Name)	
				G. Valenzuela		G. Valenzuela	
				Date		Date	
				9/25/16		9/27/16	
				Time		Time	
				11:20		11:20	
				Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/16	
		Time		Time		Time	
		11:20		11:20		11:20	
		Company		Company		Company	
		E2Managetechn		BCLabs		BCLabs	
		Date		Date		Date	
		9/25/16		9/27/16		9/27/1	

2013-03-01 13:00

Page 9 of 91



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 7 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

16/19

Chain of Custody

* Required Fields

Client/Company Name *		Report Attention *		Phone * #: 562-353-4855		FAX * #:	
E2Managetechn		T. Stravanski/G. Valenzuela		gabriela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr, Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only					
Sampler Name Printed / Signature		QC Request		Result Request **		Surcharge	
G. Valenzuela/K. Lin/A. Mitoma		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**			
Matrix Types:		CFW = Chlorinated Finished Water		CW = Chlorinated Waste Water		BW = Bottled Water	
RGW = Raw Ground Water		FW = Finished Water		SW = Storm Water		DW = Drinking Water	
SO = Solid							
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
-67		SB 1 - 10S - 24		soil		HOLD	
-68		SB 1 - 10N - 00		soil			
-69		SB 1 - 10N - 12		soil			
-70		SB 1 - 10N - 24		soil			
-71		SB 1 - 5S - 00		soil		X	
-72		SB 1 - 5S - 12		soil		HOLD	
-73		SB 1 - 5S - 24		soil			
-74		SB 1 - 10W - 00		soil			
-75		SB 1 - 10W - 12		soil			
-76		SB 1 - 10W - 24		soil			
-77		SB 1 - 5N - 00		soil		X	
Relinquished by: (Signature and Printed Name)		Date		Time		Received by: (Signature and Printed Name)	
G. Valenzuela		9/26/16		11:20		G. Wood	
Relinquished by: (Signature and Printed Name)		Date		Time		Received by: (Signature and Printed Name)	
G. Valenzuela		9/26/16		5:20		G. Wood	
Received by: (Signature and Printed Name)		Date		Time		Payment Received at Delivery:	
G. Valenzuela		9/27/16		19:00		Date: Amount: Packing Material:	
Shipping Method:		CAO UPS GSO WALK-IN SIVC FEDEX OTHER		Cooling Method:		WET BLUE NONE	

SP-4-2012-00 (Analytical)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 8 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

17/19

16-27024

Chain of Custody

* Required Fields

Client/Company Name *		Report Attention *		Phone # 562-353-4855		FAX #	
E2Managetech		T. Stravaski/G. Valenzuela		E-mail: gabriela.valenzuela@e2mt.com			
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr; Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		Result Request **		Surcharge	
Sampler Name Printed / Signature		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**			
G. Valenzuela/K. Lin/Miloma							
Matrix Types:		CFW = Chlorinated Finished Water		CWW = Chlorinated Waste Water		BW = Bottled Water	
RSW = Raw Surface Water		FW = Finished Water		WW = Waste Water		DW = Drinking Water	
RGW = Raw Ground Water				SW = Storm Water		SO = Solid	
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
Date		Time		Date		Time	
9/25/16		11:49		9/26/16		11:20	
11:50		SB 1 - 5W - 00		soil		HOLD	
11:52		SB 1 - 5W - 12		soil		HOLD	
11:54		SB 1 - 5W - 24		soil		HOLD	
12:18		SB 4 - 5W - 00		soil		HOLD	
12:19		SB 4 - 5E - 00		soil		HOLD	
12:21		SB 4 - 5E - 12		soil		HOLD	
12:23		SB 4 - 5E - 24		soil		HOLD	
12:24		SB 4 - 10E - 00		soil		HOLD	
12:26		SB 4 - 10E - 12		soil		HOLD	
12:28		SB 4 - 10E - 24		soil		HOLD	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		E2Managetech		9/26/16		11:20	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		BC Lab		9/26/16		5:20	
Received for Lab by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		BC Lab		9/27/16		9:00	
Shipping Method:		CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method:		WET BLUE NONE	
Packing Material:				Check/Cash/Card		PIA #	
				Amount:		Init.	

SH-FL-0012-00 (Rev. 1/14)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 9 of 21

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

18/19

16-27024

Chain of Custody

* Required Fields

Client/Company Name *		Report Attention *		Phone * #: 562-353-4855		FAX * #:	
E2Managetech		T. Stravanski/G. Valenzuela		E-mail: gabriela.valenzuela@e2mt.com		ANALYSIS REQUESTED	
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr, Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only					
Sampler Name Printed / Signature		QC Request		Result Request ** Surcharge		Regulatory Compliance	
G. Valenzuela/K. Lin/A. Mitoma		<input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II		<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**		Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/>	
Matrix Types:		CFW = Chlorinated Finished Water		CW = Chlorinated Waste Water		BW = Bottled Water	
RSW = Raw Surface Water		FW = Finished Water		WW = Waste Water		DW = Drinking Water	
RGW = Raw Ground Water				SW = Storm Water		SO = Solid	
Sample #		Sample Description / Location *		Matrix *		Comments / Station Code	
Bottles		Date		Time			
89		9/25/16		1228		SB 4 - 55 - 20	
90		1245		SB 4 - 55 - 12		soil	
91		1247		SB 4 - 55 - 24		soil	
92		1235		SB 6 - 7W - 00		soil	
93		1237		SB 6 - 7W - 12		soil	
94		1239		SB 6 - 7W - 24		soil	
95		1323		SB 6 - 5W - 00		soil	
96		1335		SB 6 - 5W - 12		soil	
97		1337		SB 6 - 5W - 24		soil	
98		1332		SB 6 - 10N - 00		soil	
99		1545		DUP 6A-090516		soil	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		E2Managetech		9/26/16		11:20	
Relinquished by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		BC Labs		9/27/16		1900	
Received for Lab by: (Signature and Printed Name)		Company		Date		Time	
G. Valenzuela		BC Labs		9/27/16		1900	
Shipping Method:		CAO UPS GSO WALK-IN SIVC FED EX OTHER		Cooling Method:		WET BLUE NONE	
Check/Cash/Card		Amount:		Date:		Init.	
Packing Material:							

SB-FL-0012-00 (Rev/04/08)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 11 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 2 of 12							
Submission #: 16-27024											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: RGC Thermometer ID: 208		Date/Time: 9-27-16 1902							
		Temperature: (A) 0.2 °C / (C) 0.4 °C		Analyst Init: M							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	20
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CDA

Date/Time: 9/28/16

1225

Rev 21 05/23/2016

BC LABORATORIES, INC. CHAIN OF CUSTODY FORM

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 12 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 3 of 12							
Submission #: 16-27024											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify)			Other <input type="checkbox"/> (Specify)		W <input checked="" type="checkbox"/> S <input type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:											
Custody Seals: <input checked="" type="checkbox"/> Containers: <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: <input checked="" type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95	Container: RGL	Thermometer ID: 208	Date/Time: 9-27-16 1902						
Temperature: (A) 0.2 °C / (C) 0.4 °C Analyst Init: <i>[Signature]</i>											
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: *CBA*

Date/Time: 9/28/16 1225

Rev 21 05/23/2016



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627024 Page 13 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 4 Of 12							
Submission #: 16-27024											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>			Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			Other <input type="checkbox"/> (Specify) _____		W / S <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: <input checked="" type="checkbox"/> Containers: <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: CR 9100 Thermometer ID: 208		Date/Time: 9-27-16 1900							
		Temperature: (A) 0.7 °C / (C) 280.9 °C		Analyst Init: N							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		32	33	34	35	36	37	38	39	40	41
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

1225

9/28/16 1225

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 14 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 5 of 12							
Submission #: 16-27024											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify)			Other <input type="checkbox"/> (Specify)		W <input checked="" type="checkbox"/> S <input type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: X											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.95 Container: TRG/165 Thermometer ID: 208		Date/Time: 9-27-16 1902							
		Temperature: (A) 0.2 °C / (C) 0.4 °C		Analyst Init: J							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		31	44	45	46	47	48	49	50	51	52
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁺⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: JDA

Date/Time: 9/28/16 1225

Rev 21 05/23/2016

BC LABORATORIES, INC. 1627024

Chain of Custody and Cooler Receipt Form for 1627024 Page 15 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 6 of 12							
Submission #: 16-27024											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: CR 9/100		Date/Time: 9-27-16 1900							
		Temperature: (A) 0.7 °C / (C) 280.9 °C		Analyst Init: N							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		42	43	56	57	58	59	60	61	62	63
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

N/A

9/28/16 1225

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Page 7 Of 12

COOLER RECEIPT FORM

BC LABORATORIES INC.

Submission #: 16-27024

SHIPPING INFORMATION

Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
 BC Lab Field Service ☒ Other ☐ (Specify) _____

SHIPPING CONTAINER

Ice Chest ☒ None ☐ Box ☐
 Other ☐ (Specify) _____

FREE LIQUID

YES ☐ NO ☒
 W ☐ S ☒

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____

Custody Seals ☒ Intact ☐ Broken ☐ Containers ☐ Intact ☐ Broken ☐ None ☒ Comments: _____

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received YES ☒ NO ☐ Emissivity: 0.975 Contained 200g Thermometer ID: 208 Date/Time: 9-27-16 1902
 Temperature: (A) 0.3 °C / (C) 0.5 °C Analyst Init: N

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	65	66	67	68	69	70	71	72	73	74
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER	A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____ Date/Time: 9/28/16 1225 Rev 21 05/23/20

Sample Numbering Completed By: CJA

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 17 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 8 of 12							
Submission #: 16-27024											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/>			Other <input type="checkbox"/> (Specify)		W / S <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments:											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments:											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received		Emissivity: 0.95		Date/Time: 8-27-16 9:00							
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Container: 129100		Analyst Init: JN							
Temperature: (A) 0.7 °C / (C) 0.80.9 °C											
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁴											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
6oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Number: 1627024

LDA

9/28/16 1225

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


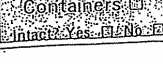
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

COOLER RECEIPT FORM		Page 9 Of 12
BC LABORATORIES INC.		
Submission #: 16-27024		
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>
Custody Seals: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Containers: <input type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____		
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.975 Contained <input checked="" type="checkbox"/> Thermometer ID: 208 Date/Time: 9/27/16 1902 Temperature: (A) 0.3 °C / (C) 0.5 °C Analyst Init: M
SAMPLE CONTAINERS		SAMPLE NUMBERS
		75 76 77 78 79 80 81 83 84 85
QT PE UNPRES		
4oz / 8oz / 16oz PE UNPRES		
2oz Cr ⁶⁺		
QT INORGANIC CHEMICAL METALS		
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz		
PT CYANIDE		
PT NITROGEN FORMS		
PT TOTAL SULFIDE		
2oz NITRATE / NITRITE		
PT TOTAL ORGANIC CARBON		
PT CHEMICAL OXYGEN DEMAND		
PIA PHENOLICS		
40ml VOA VIAL TRAVEL BLANK		
40ml VOA VIAL		
QT EPA 1664		
PT ODOR		
RADIOLOGICAL		
BACTERIOLOGICAL		
40 ml VOA VIAL- 504		
QT EPA 508/608/8080		
QT EPA 515.1/8150		
QT EPA 525		
QT EPA 525 TRAVEL BLANK		
40ml EPA 547		
40ml EPA 531.1		
8oz EPA 548		
QT EPA 549		
QT EPA 8015M		
QT EPA 8270		
8oz / 16oz / 32oz AMBER		A A A A A A A A A A
8oz / 16oz / 32oz JAR		
SOIL SLEEVE		
PCB VIAL		
PLASTIC BAG		
TEDLAR BAG		
FERROUS IRON		
ENCORE		
SMART KIT		
SUMMA CANISTER		
Comments: _____		Date/Time: 9/28/16 1225
Sample Numbering Completed By: CRA		Rev 21 05/23/20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 19 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 19 of 21							
Submission #: 16-27024		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>							
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other (Specify) _____											
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/>	Comments: _____										
Custody Seals:  	Containers: <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____										
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Date/Time: 9/27/16 1902							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Emissivity: 0.975	Thermometer ID: 208	Analyst Init: N								
Temperature: (A) 0.3 °C / (C) 0.5 °C											
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		86	87	88	89	90	91	92	93	94	95
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											
Comments: _____		Date/Time: 9/28/16 1225									
Sample Numbering Completed By: _____		Rev 21 05/23/20									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 20 of 21

Page 11 Of 12

COOLER RECEIPT FORM

BC LABORATORIES INC.

Submission #: 16-27024

SHIPPING INFORMATION

Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify) _____

SHIPPING CONTAINER

Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify) _____

FREE LIQUID

YES ☐ NO ☐
W ☐ S ☒

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____

Custody Seals

Containers ☐ None ☒ Comments: _____

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received

YES ☒ NO ☐

Emissivity: 0.975 Contaminant: arsenic Thermometer ID: 208 Date/Time: 9-27-16 1902
Temperature: (A) 0.3 °C / (C) 0.5 °C Analyst Init: 7

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	96	97	99	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁴⁺										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____

Sample Numbering Completed By: CRA Date/Time: 9/28/16 1225

Rev 21 05/23/20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627024 Page 21 of 21

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 12 of 12							
Submission #: 16-27024											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/>	Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/>	Other <input type="checkbox"/> (Specify)	Other <input type="checkbox"/> (Specify)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/>		Comments:									
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/>		None <input checked="" type="checkbox"/> Comments:									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 0.95 Contained: ARGY 165 Thermometer ID: 208		Date/Time: 9-27-16 1902							
Temperature: (A) 0.2 °C / (C) 0.4 °C		Analyst Init: J									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		53	54	55	82	98	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A					
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: OOA

Date/Time:

9/28/16 1225

Rev 21 05/23/2016

FORMS\SAMPLES\Rev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-01	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-02	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-03	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-04	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-05	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-06	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-07	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-08	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-09	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-10	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:19
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-11	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-12	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-13	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-14	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-15	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-16	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 08:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-17	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-18	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:03
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-19	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-20	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-21	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-22	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-23	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-24	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-25	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-26	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-27	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-28	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB44-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-29	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP3A-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-30	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:03
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP3B-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-31	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP3C-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-32	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-33	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-34	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:53
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-35	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-36	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:43
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-37	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-38	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-39	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-40	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-41	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-42	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-43	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-44	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-45	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-46	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 09:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB46-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-47	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP4A-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-48	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP4B-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-49	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP4C-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-50	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-51	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-52	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-53	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-54	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-55	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-56	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-57	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-58	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-59	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP5A-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-60	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:33
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP5B-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-61	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP5C-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-62	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-63	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-64	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 10:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB23-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-65	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-66	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-67	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-68	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-69	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-70	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-71	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-72	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-73	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-74	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-75	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-76	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-77	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-78	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-79	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-80	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-81	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 11:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB1-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-82	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-83	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:19
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-84	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-85	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-86	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-87	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-88	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-89	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-90	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-91	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB4-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-92	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-7W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-93	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-7W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-94	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 12:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-7W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-95	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-96	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-97	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627024-98	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech 5001 Airport Plaza Drive, Suite 260 Long Beach, CA 90815	Reported: 01/04/2017 15:19 Project: LAUSD-San Pedro High School Project Number: [none] Project Manager: Travis Stravasnik
--	--

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627024-99	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP6A-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-04	Client Sample Name:	SB41-10E-00, 9/25/2016 8:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/19/16 19:24	JCC	PE-OP3	0.971	BZJ1755

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-05	Client Sample Name:	SB41-10E-12, 9/25/2016 8:13:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.9	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:29	JCC	PE-OP3	0.971	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-07	Client Sample Name:	SB41-5W-00, 9/25/2016 8:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.9	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:30	JCC	PE-OP3	5	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-10	Client Sample Name:	SB41-5E-00, 9/25/2016 8:19:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:46	JCC	PE-OP3	4.902	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-11	Client Sample Name:	SB41-5E-12, 9/25/2016 8:20:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:41	JCC	PE-OP3	1.818	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-15	Client Sample Name:	SB47-10E-00, 9/25/2016 8:32:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/16/16	11/17/16 13:41	JCC	PE-OP3	1.961	BZK1606

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-17	Client Sample Name:	SB44-10N-00, 9/25/2016 9:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 14:09	JCC	PE-OP3	2	BZK1687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-23	Client Sample Name:	SB44-5N-00, 9/25/2016 9:07:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:47	JCC	PE-OP3	4.854	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-24	Client Sample Name:	SB44-5N-12, 9/25/2016 9:09:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.5	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:42	JCC	PE-OP3	4.854	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-26	Client Sample Name:	SB44-5S-00, 9/25/2016 9:18:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:49	JCC	PE-OP3	4.808	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID: 1627024-35		Client Sample Name: SB46-10S-00, 9/25/2016 9:41:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	79	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:18	JCC	PE-OP3	0.980	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627024-38		Client Sample Name: SB46-5S-00, 9/25/2016 9:47:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00028	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00032	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00036	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00030	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00017	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0075	EPA-8081A	2.5	A10	1
4,4'-DDD	0.0017	mg/kg	0.0025	0.00042	EPA-8081A	1.0	J,A10	1
4,4'-DDE	0.00052	mg/kg	0.0025	0.00042	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0019	mg/kg	0.0025	0.00039	EPA-8081A	1.0	J,A10	1
Dieldrin	0.0085	mg/kg	0.0025	0.00035	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00044	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00055	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00050	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00044	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.00048	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00028	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.00039	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.00055	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.0065	EPA-8081A	5	A10	1
TCMX (Surrogate)	70.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	77.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 16:46	HKS	GC-17	5.068	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-38	Client Sample Name:	SB46-5S-00, 9/25/2016 9:47:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.9	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	19	mg/kg	12	1.4	EPA-6010B	1000	A07	2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:51	JCC	PE-OP3	4.762	BZI2687
2	EPA-6010B	11/19/16	11/21/16 19:59	ARD	PE-OP3	5	BZK1862

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-39	Client Sample Name:	SB46-5S-12, 9/25/2016 9:49:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	110	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 12:32	JCC	PE-OP3	0.980	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-40	Client Sample Name:	SB46-5S-24, 9/25/2016 9:51:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	6.2	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:19	JCC	PE-OP3	0.990	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627024-41		Client Sample Name: SB46-5N-00, 9/25/2016 9:56:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	0.012	mg/kg	0.10	0.0030	EPA-8081A	2.5	J,A10	1
4,4'-DDD	0.0033	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.0010	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	0.0021	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	56.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	52.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 17:01	HKS	GC-17	2.013	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-41	Client Sample Name:	SB46-5N-00, 9/25/2016 9:56:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	5.0	2.0	EPA-6010B	500	A07	1
Lead	24	mg/kg	2.5	0.28	EPA-6010B	1000		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:52	JCC	PE-OP3	4.902	BZI2687
2	EPA-6010B	11/17/16	11/18/16 12:38	JCC	PE-OP3	0.990	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-42	Client Sample Name:	SB46-5N-12, 9/25/2016 9:58:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	7.8	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 12:40	JCC	PE-OP3	0.926	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627024-44		Client Sample Name: SB46-5E-00, 9/25/2016 9:52:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.0010	0.00016	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0010	0.00014	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	45.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	48.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 17:15	HKS	GC-17	1.987	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-44	Client Sample Name:	SB46-5E-00, 9/25/2016 9:52:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	4.7	mg/kg	5.0	2.0	EPA-6010B	500	J,A07	1
Lead	7.8	mg/kg	2.5	0.28	EPA-6010B	1000		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:54	JCC	PE-OP3	4.808	BZI2687
2	EPA-6010B	11/17/16	11/18/16 12:41	JCC	PE-OP3	0.935	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-45	Client Sample Name:	SB46-5E-12, 9/25/2016 9:54:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	6.5	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 12:42	JCC	PE-OP3	0.935	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1627024-47		Client Sample Name: DUP4A-092516, 9/25/2016 3:20:00PM						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0010	0.00011	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0010	0.00013	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0010	0.00014	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0010	0.00012	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0010	0.000068	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.10	0.0030	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0010	0.00017	EPA-8081A	1.0	A10	1
4,4'-DDE	0.00040	mg/kg	0.0010	0.00017	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.00072	mg/kg	0.0010	0.00016	EPA-8081A	1.0	J,A10	1
Dieldrin	0.00059	mg/kg	0.0010	0.00014	EPA-8081A	8.0	J,A10	1
Endosulfan I	ND	mg/kg	0.0010	0.00017	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0010	0.00022	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0010	0.00020	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0010	0.00017	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0010	0.00019	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0010	0.00011	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0010	0.00016	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0010	0.00022	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.10	0.0026	EPA-8081A	5	A10	1
TCMX (Surrogate)	47.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	50.6	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/29/16	09/30/16 18:28	HKS	GC-17	2	BZJ0116

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-47	Client Sample Name:	DUP4A-092516, 9/25/2016 3:20:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	5.1	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:56	JCC	PE-OP3	4.762	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-50	Client Sample Name:	SB23-5E-00, 9/25/2016 10:14:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	3.3	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:20	JCC	PE-OP3	0.926	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-53	Client Sample Name:	SB23-5S-00, 9/25/2016 10:23:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	110	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:22	JCC	PE-OP3	0.971	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-54	Client Sample Name:	SB23-5S-12, 9/25/2016 10:25:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	10	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 12:39	JCC	PE-OP3	0.980	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-56	Client Sample Name:	SB23-5W-00, 9/25/2016 10:31:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	4.0	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/20/16	12/20/16 19:23	JCC	PE-OP3	0.935	BZL1679

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-62	Client Sample Name:	SB23-10W-00, 9/25/2016 10:23:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	110	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 12:40	JCC	PE-OP3	0.943	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-68	Client Sample Name:	SB1-10N-00, 9/25/2016 11:25:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.0	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:44	JCC	PE-OP3	1.905	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-71	Client Sample Name:	SB1-5S-00, 9/25/2016 11:27:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.5	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 16:57	JCC	PE-OP3	4.762	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-72	Client Sample Name:	SB1-5S-12, 9/25/2016 11:29:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/28/16 14:27	JCC	PE-OP3	1.852	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-77	Client Sample Name:	SB1-5N-00, 9/25/2016 11:40:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 17:07	JCC	PE-OP3	4.717	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-78	Client Sample Name:	SB1-5N-12, 9/25/2016 11:49:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:36	JCC	PE-OP3	1.905	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-79	Client Sample Name:	SB1-5W-00, 9/25/2016 11:50:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 17:09	JCC	PE-OP3	4.762	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-80	Client Sample Name:	SB1-5W-12, 9/25/2016 11:52:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.3	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:47	JCC	PE-OP3	1.980	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-82	Client Sample Name:	SB4-5W-00, 9/25/2016 12:18:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.6	mg/kg	3.5	1.4	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 17:11	JCC	PE-OP3	3.497	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-83	Client Sample Name:	SB4-5E-00, 9/25/2016 12:19:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 17:12	JCC	PE-OP3	4.673	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-84	Client Sample Name:	SB4-5E-12, 9/25/2016 12:21:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:37	JCC	PE-OP3	1.835	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-85	Client Sample Name:	SB4-5E-24, 9/25/2016 12:23:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:38	JCC	PE-OP3	5	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-86	Client Sample Name:	SB4-10E-00, 9/25/2016 12:24:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.5	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:39	JCC	PE-OP3	1.942	BZJ1818

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-87	Client Sample Name:	SB4-10E-12, 9/25/2016 12:26:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:48	JCC	PE-OP3	4.630	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-88	Client Sample Name:	SB4-10E-24, 9/25/2016 12:28:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	21	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:34	JCC	PE-OP3	1.905	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-89	Client Sample Name:	SB4-5S-00, 9/25/2016 12:28:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 17:14	JCC	PE-OP3	4.902	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627024-95	Client Sample Name:	SB6-5W-00, 9/25/2016 1:23:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.0	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 17:16	JCC	PE-OP3	4.808	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZJ0116						
Aldrin	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000055	
alpha-BHC	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000064	
beta-BHC	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000071	
delta-BHC	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000059	
gamma-BHC (Lindane)	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000034	
Chlordane (Technical)	BZJ0116-BLK1	ND	mg/kg	0.050	0.0015	
4,4'-DDD	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000085	
4,4'-DDE	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000083	
4,4'-DDT	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000078	
Dieldrin	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000070	
Endosulfan I	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000087	
Endosulfan II	BZJ0116-BLK1	ND	mg/kg	0.00050	0.00011	
Endosulfan sulfate	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000099	
Endrin	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000087	
Endrin aldehyde	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000097	
Heptachlor	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000057	
Heptachlor epoxide	BZJ0116-BLK1	ND	mg/kg	0.00050	0.000078	
Methoxychlor	BZJ0116-BLK1	ND	mg/kg	0.00050	0.00011	
Toxaphene	BZJ0116-BLK1	ND	mg/kg	0.050	0.0013	
TCMX (Surrogate)	BZJ0116-BLK1	90.3	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	BZJ0116-BLK1	99.0	%	40 - 130 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: BZJ0116										
Aldrin	BZJ0116-BS1	LCS	0.0044893	0.0050167	mg/kg	89.5		70 - 130		
gamma-BHC (Lindane)	BZJ0116-BS1	LCS	0.0044900	0.0050167	mg/kg	89.5		60 - 140		
4,4'-DDT	BZJ0116-BS1	LCS	0.0057054	0.0050167	mg/kg	114		60 - 140		
Dieldrin	BZJ0116-BS1	LCS	0.0043676	0.0050167	mg/kg	87.1		70 - 130		
Endrin	BZJ0116-BS1	LCS	0.0044843	0.0050167	mg/kg	89.4		60 - 140		
Heptachlor	BZJ0116-BS1	LCS	0.0046759	0.0050167	mg/kg	93.2		60 - 140		
TCMX (Surrogate)	BZJ0116-BS1	LCS	0.0081298	0.010033	mg/kg	81.0		20 - 130		
Decachlorobiphenyl (Surrogate)	BZJ0116-BS1	LCS	0.019744	0.020067	mg/kg	98.4		40 - 130		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZJ0116		Used client sample: Y - Description: SB36-5S-00, 09/24/2016 08:19									
Aldrin	MS	1627023-07	ND	0.0024436	0.0050676	mg/kg		48.2		50 - 140	Q03
	MSD	1627023-07	ND	0.0023732	0.0049669	mg/kg	2.9	47.8	30	50 - 140	Q03
gamma-BHC (Lindane)	MS	1627023-07	ND	0.0022361	0.0050676	mg/kg		44.1		50 - 140	Q03
	MSD	1627023-07	ND	0.0021656	0.0049669	mg/kg	3.2	43.6	30	50 - 140	Q03
4,4'-DDT	MS	1627023-07	0.0026013	0.0047409	0.0050676	mg/kg		42.2		50 - 140	Q03
	MSD	1627023-07	0.0026013	0.0043182	0.0049669	mg/kg	9.3	34.6	30	50 - 140	Q03
Dieldrin	MS	1627023-07	0.00094868	0.0027436	0.0050676	mg/kg		35.4		40 - 140	Q03
	MSD	1627023-07	0.00094868	0.0026146	0.0049669	mg/kg	4.8	33.5	30	40 - 140	Q03
Endrin	MS	1627023-07	ND	0.0035564	0.0050676	mg/kg		70.2		50 - 150	
	MSD	1627023-07	ND	0.0033401	0.0049669	mg/kg	6.3	67.2	30	50 - 150	
Heptachlor	MS	1627023-07	ND	0.0021017	0.0050676	mg/kg		41.5		60 - 140	Q03
	MSD	1627023-07	ND	0.0020060	0.0049669	mg/kg	4.7	40.4	30	60 - 140	Q03
TCMX (Surrogate)	MS	1627023-07	ND	0.0038601	0.010135	mg/kg		38.1		20 - 130	
	MSD	1627023-07	ND	0.0037401	0.0099338	mg/kg	3.2	37.7		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1627023-07	ND	0.0094584	0.020270	mg/kg		46.7		40 - 130	
	MSD	1627023-07	ND	0.0083699	0.019868	mg/kg	12.2	42.1		40 - 130	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZI2687						
Arsenic	BZI2687-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZJ1755						
Arsenic	BZJ1755-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZJ1818						
Arsenic	BZJ1818-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1606						
Arsenic	BZK1606-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1687						
Arsenic	BZK1687-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1737						
Arsenic	BZK1737-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZK1737-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZK1862						
Lead	BZK1862-BLK2	ND	mg/kg	2.5	0.28	
QC Batch ID: BZL1679						
Lead	BZL1679-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZL1781						
Arsenic	BZL1781-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZL2441						
Lead	BZL2441-BLK1	0.43713	mg/kg	2.5	0.28	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZI2687										
Arsenic	BZI2687-BS1	LCS	9.9033	10.000	mg/kg	99.0		75 - 125		
QC Batch ID: BZJ1755										
Arsenic	BZJ1755-BS1	LCS	9.0817	10.000	mg/kg	90.8		75 - 125		
QC Batch ID: BZJ1818										
Arsenic	BZJ1818-BS1	LCS	8.5683	10.000	mg/kg	85.7		75 - 125		
QC Batch ID: BZK1606										
Arsenic	BZK1606-BS1	LCS	9.0426	10.000	mg/kg	90.4		75 - 125		
QC Batch ID: BZK1687										
Arsenic	BZK1687-BS1	LCS	10.469	10.000	mg/kg	105		75 - 125		
QC Batch ID: BZK1737										
Arsenic	BZK1737-BS1	LCS	9.1360	10.000	mg/kg	91.4		75 - 125		
Lead	BZK1737-BS1	LCS	94.075	100.00	mg/kg	94.1		75 - 125		
QC Batch ID: BZK1862										
Lead	BZK1862-BS2	LCS	98.441	100.00	mg/kg	98.4		75 - 125		
QC Batch ID: BZL1679										
Lead	BZL1679-BS1	LCS	99.594	100.00	mg/kg	99.6		75 - 125		
QC Batch ID: BZL1781										
Arsenic	BZL1781-BS1	LCS	10.653	10.000	mg/kg	107		75 - 125		
QC Batch ID: BZL2441										
Lead	BZL2441-BS1	LCS	110.12	100.00	mg/kg	110		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Manageteck
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZI2687		Used client sample: Y - Description: SB41-5W-00, 09/25/2016 08:10									
Arsenic	DUP	1627024-07	9.8994	11.066		mg/kg	11.1		20		
	MS	1627024-07	9.8994	19.593	10.000	mg/kg		96.9		75 - 125	
	MSD	1627024-07	9.8994	19.479	10.000	mg/kg	0.6	95.8	20	75 - 125	
QC Batch ID: BZJ1755		Used client sample: N									
Arsenic	DUP	1628797-01	6.0764	7.2152		mg/kg	17.1		20		
	MS	1628797-01	6.0764	15.500	10.000	mg/kg		94.2		75 - 125	
	MSD	1628797-01	6.0764	13.164	10.000	mg/kg	16.3	70.9	20	75 - 125	Q03
QC Batch ID: BZJ1818		Used client sample: Y - Description: SB19-5W-00, 10/01/2016 13:45									
Arsenic	DUP	I627779-01RE1	12.286	10.718		mg/kg	13.6		20		
	MS	I627779-01RE1	12.286	21.885	10.000	mg/kg		96.0		75 - 125	
	MSD	I627779-01RE1	12.286	19.202	10.000	mg/kg	13.1	69.2	20	75 - 125	Q03
QC Batch ID: BZK1606		Used client sample: Y - Description: SB36-5S-00, 09/24/2016 08:19									
Arsenic	DUP	1627023-07	0.91681	1.1206		mg/kg	20.0		20		
	MS	1627023-07	0.91681	10.206	10.000	mg/kg		92.9		75 - 125	
	MSD	1627023-07	0.91681	10.633	10.000	mg/kg	4.1	97.2	20	75 - 125	
QC Batch ID: BZK1687		Used client sample: Y - Description: SB44-10N-00, 09/25/2016 09:00									
Arsenic	DUP	1627024-17	11.478	12.405		mg/kg	7.8		20		
	MS	1627024-17	11.478	19.757	10.000	mg/kg		82.8		75 - 125	
	MSD	1627024-17	11.478	21.672	10.000	mg/kg	9.2	102	20	75 - 125	
QC Batch ID: BZK1737		Used client sample: Y - Description: SB4-5E-24, 09/25/2016 12:23									
Arsenic	DUP	1627024-85	20.002	11.095		mg/kg	57.3		20		Q01
	MS	1627024-85	20.002	22.327	10.000	mg/kg		23.2		75 - 125	Q03
	MSD	1627024-85	20.002	17.254	10.000	mg/kg	25.6	-27.5	20	75 - 125	Q03
Lead	DUP	1627024-85	3.9623	3.9138		mg/kg	1.2		20		J
	MS	1627024-85	3.9623	88.413	100.00	mg/kg		84.5		75 - 125	
	MSD	1627024-85	3.9623	90.486	100.00	mg/kg	2.3	86.5	20	75 - 125	
QC Batch ID: BZK1862		Used client sample: Y - Description: SB46-5S-00, 09/25/2016 09:47									
Lead	DUP	627024-38RE´	18.926	18.304		mg/kg	3.3		20		
	MS	627024-38RE´	18.926	115.53	100.00	mg/kg		96.6		75 - 125	
	MSD	627024-38RE´	18.926	120.31	100.00	mg/kg	4.1	101	20	75 - 125	
QC Batch ID: BZL1679		Used client sample: N									
Lead	DUP	1634960-23	12.626	13.210		mg/kg	4.5		20		
	MS	1634960-23	12.626	90.594	100.00	mg/kg		78.0		75 - 125	
	MSD	1634960-23	12.626	93.596	100.00	mg/kg	3.3	81.0	20	75 - 125	
QC Batch ID: BZL1781		Used client sample: N									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZL1781		Used client sample: N									
Arsenic	DUP	1634749-01	ND	ND		mg/kg			20		
	MS	1634749-01	ND	10.360	10.000	mg/kg		104		75 - 125	
	MSD	1634749-01	ND	10.090	10.000	mg/kg	2.6	101	20	75 - 125	
QC Batch ID: BZL2441		Used client sample: N									
Lead	DUP	1634958-17	50.586	57.202		mg/kg	12.3		20		
	MS	1634958-17	50.586	132.86	100.00	mg/kg		82.3		75 - 125	
	MSD	1634958-17	50.586	130.31	100.00	mg/kg	1.9	79.7	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:19
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
A10	Detection and quantitation limits were raised due to matrix interference.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Date of Report: 01/04/2017

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: [none]
BCL Project: LAUSD-San Pedro High School
BCL Work Order: 1627025
Invoice ID: B248196, B252466, B255129, B255948

Enclosed are the results of analyses for samples received by the laboratory on 9/27/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	3
Laboratory / Client Sample Cross Reference.....	6

Sample Results

1627025-05 - SB6-5N-00	
Total Concentrations (TTLC).....	8
1627025-06 - SB6-10E-00	
Total Concentrations (TTLC).....	9
1627025-07 - SB6-5E-00	
Total Concentrations (TTLC).....	10
1627025-08 - SB6-5E-12	
Total Concentrations (TTLC).....	11
1627025-09 - SB6-5E-24	
Total Concentrations (TTLC).....	12

Quality Control Reports

Total Concentrations (TTLC)	
Method Blank Analysis.....	13
Laboratory Control Sample.....	14
Precision and Accuracy.....	15

Notes

Notes and Definitions.....	16
----------------------------	----

[illegible]

Chain of Custody and Cooler Receipt Form for 1627025 Page 2 of 3

COOLER RECEIPT FORM										Page 1 Of 2																																																																																																																																																																																																																																																																																																																																																																																																																																																								
BC LABORATORIES INC.																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Submission #: 16-27025					SHIPPING CONTAINER			FREE LIQUID																																																																																																																																																																																																																																																																																																																																																																																																																																																										
SHIPPING INFORMATION					Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>			YES <input type="checkbox"/> NO <input type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>					Other <input type="checkbox"/> (Specify)			W <input type="checkbox"/> S <input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																										
BC Lab Field Service <input checked="" type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/>					Comments:																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Custody Seals					Containers: <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments:																																																																																																																																																																																																																																																																																																																																																																																																																																																													
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																																																																																																																																																																																																																																																																																																																																																																																																																								
COC Received					Emissivity: 0.975					Thermometer ID: 208																																																																																																																																																																																																																																																																																																																																																																																																																																																								
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					Temperature: (A) 0.3 °C / (C) 0.5 °C					Date/Time: 9-27-16 902																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					Analyst Init: M																																																																																																																																																																																																																																																																																																																																																																																																																																																													
SAMPLE NUMBERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
<table border="1"><thead><tr><th></th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th></tr></thead><tbody><tr><td>QT PE UNPRES</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4oz / 8oz / 16oz PE UNPRES</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2oz Cr⁶</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT INORGANIC CHEMICAL METALS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT CYANIDE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT NITROGEN FORMS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT TOTAL SULFIDE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2oz. NITRATE / NITRITE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT TOTAL ORGANIC CARBON</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT CHEMICAL OXYGEN DEMAND</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PIA PHENOLICS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml VOA VIAL TRAVEL BLANK</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml VOA VIAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 1664</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PT ODOR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>RADIOLOGICAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>BACTERIOLOGICAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40 ml VOA VIAL- 504</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 508/608/8080</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 515.1/8150</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 525</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 525 TRAVEL BLANK</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml EPA 547</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>40ml EPA 531.1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8oz EPA 548</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 549</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 8015M</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>QT EPA 8270</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8oz / 16oz / 32oz AMBER</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8oz / 16oz / 32oz JAR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SOIL SLEEVE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PCB VIAL</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>PLASTIC BAG</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>TEDLAR BAG</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>FERROUS IRON</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>ENCORE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SMART KIT</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>SUMMA CANISTER</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>												1	2	3	4	5	6	7	8	9	10	QT PE UNPRES											4oz / 8oz / 16oz PE UNPRES											2oz Cr ⁶											QT INORGANIC CHEMICAL METALS											INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											PT CYANIDE											PT NITROGEN FORMS											PT TOTAL SULFIDE											2oz. NITRATE / NITRITE											PT TOTAL ORGANIC CARBON											PT CHEMICAL OXYGEN DEMAND											PIA PHENOLICS											40ml VOA VIAL TRAVEL BLANK											40ml VOA VIAL											QT EPA 1664											PT ODOR											RADIOLOGICAL											BACTERIOLOGICAL											40 ml VOA VIAL- 504											QT EPA 508/608/8080											QT EPA 515.1/8150											QT EPA 525											QT EPA 525 TRAVEL BLANK											40ml EPA 547											40ml EPA 531.1											8oz EPA 548											QT EPA 549											QT EPA 8015M											QT EPA 8270											8oz / 16oz / 32oz AMBER											8oz / 16oz / 32oz JAR											SOIL SLEEVE											PCB VIAL											PLASTIC BAG											TEDLAR BAG											FERROUS IRON											ENCORE											SMART KIT											SUMMA CANISTER										
	1	2	3	4	5	6	7	8	9	10																																																																																																																																																																																																																																																																																																																																																																																																																																																								
QT PE UNPRES																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
4oz / 8oz / 16oz PE UNPRES																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
2oz Cr ⁶																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT INORGANIC CHEMICAL METALS																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PT CYANIDE																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PT NITROGEN FORMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PT TOTAL SULFIDE																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
2oz. NITRATE / NITRITE																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PT TOTAL ORGANIC CARBON																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PT CHEMICAL OXYGEN DEMAND																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PIA PHENOLICS																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
40ml VOA VIAL TRAVEL BLANK																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
40ml VOA VIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 1664																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PT ODOR																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
RADIOLOGICAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
BACTERIOLOGICAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
40 ml VOA VIAL- 504																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 508/608/8080																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 515.1/8150																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 525																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 525 TRAVEL BLANK																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
40ml EPA 547																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
40ml EPA 531.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
8oz EPA 548																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 549																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 8015M																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
QT EPA 8270																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
8oz / 16oz / 32oz AMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
8oz / 16oz / 32oz JAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
SOIL SLEEVE																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PCB VIAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
PLASTIC BAG																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
TEDLAR BAG																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
FERROUS IRON																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
ENCORE																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
SMART KIT																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
SUMMA CANISTER																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Comments: COA																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Sample Numbering Completed By: _____																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Date/Time: 9/28/16 1225																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Rev 21 05/23/20																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 1627025 Page 3 of 3

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 2 Of 2							
Submission #: 16-27025											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
All samples received? Yes <input type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.95 Container: RCY165 Thermometer ID: 208		Date/Time: 9-27-16 902							
		Temperature: (A) 0.2 °C / (C) 0.4 °C		Analyst Init: [Signature]							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR				A	A	A	A				
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: [Signature]

Date/Time: 9/28/16 1225

Rev 21 05/23/2016

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627025-01	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP6B-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-02	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 15:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP6C-092516	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-03	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-04	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-05	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 13:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-06	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 14:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-07	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 14:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627025-08	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 14:27
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627025-09	COC Number:	---	Receive Date:	09/27/2016 19:00
	Project Number:	---	Sampling Date:	09/25/2016 14:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627025-05	Client Sample Name:	SB6-5N-00, 9/25/2016 1:50:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:58	JCC	PE-OP3	0.971	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627025-06	Client Sample Name:	SB6-10E-00, 9/25/2016 2:04:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:21	JCC	PE-OP3	1.905	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627025-07	Client Sample Name:	SB6-5E-00, 9/25/2016 2:24:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	09/29/16	10/03/16 14:59	JCC	PE-OP3	0.962	BZI2687

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627025-08	Client Sample Name:	SB6-5E-12, 9/25/2016 2:27:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:35	JCC	PE-OP3	1.923	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627025-09	Client Sample Name:	SB6-5E-24, 9/25/2016 2:36:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:41	JCC	PE-OP3	4.762	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZI2687						
Arsenic	BZI2687-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1737						
Arsenic	BZK1737-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZL1781						
Arsenic	BZL1781-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZL2441						
Arsenic	BZL2441-BLK1	ND	mg/kg	1.0	0.40	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZI2687										
Arsenic	BZI2687-BS1	LCS	9.9033	10.000	mg/kg	99.0		75 - 125		
QC Batch ID: BZK1737										
Arsenic	BZK1737-BS1	LCS	9.1360	10.000	mg/kg	91.4		75 - 125		
QC Batch ID: BZL1781										
Arsenic	BZL1781-BS1	LCS	10.653	10.000	mg/kg	107		75 - 125		
QC Batch ID: BZL2441										
Arsenic	BZL2441-BS1	LCS	10.300	10.000	mg/kg	103		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals	
QC Batch ID: BZI2687		Used client sample: Y - Description: SB41-5W-00, 09/25/2016 08:10										
Arsenic	DUP	1627024-07	9.8994	11.066		mg/kg	11.1		20			
	MS	1627024-07	9.8994	19.593	10.000	mg/kg		96.9		75 - 125		
	MSD	1627024-07	9.8994	19.479	10.000	mg/kg	0.6	95.8	20	75 - 125		
QC Batch ID: BZK1737		Used client sample: Y - Description: SB4-5E-24, 09/25/2016 12:23										
Arsenic	DUP	1627024-85	20.002	11.095		mg/kg	57.3		20		Q01	
	MS	1627024-85	20.002	22.327	10.000	mg/kg		23.2		75 - 125	Q03	
	MSD	1627024-85	20.002	17.254	10.000	mg/kg	25.6	-27.5	20	75 - 125	Q03	
QC Batch ID: BZL1781		Used client sample: N										
Arsenic	DUP	1634749-01	ND	ND		mg/kg			20			
	MS	1634749-01	ND	10.360	10.000	mg/kg		104		75 - 125		
	MSD	1634749-01	ND	10.090	10.000	mg/kg	2.6	101	20	75 - 125		
QC Batch ID: BZL2441		Used client sample: N										
Arsenic	DUP	1634958-17	7.5757	8.0043		mg/kg	5.5		20			
	MS	1634958-17	7.5757	16.623	10.000	mg/kg		90.5		75 - 125		
	MSD	1634958-17	7.5757	17.485	10.000	mg/kg	5.1	99.1	20	75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/04/2017 15:31
Project: LAUSD-San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Notes And Definitions

MDL Method Detection Limit

ND Analyte Not Detected

PQL Practical Quantitation Limit

A07 Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.

Q01 Sample precision is not within the control limits.

Q03 Matrix spike recovery(s) is(are) not within the control limits.

Date of Report: 01/10/2017

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: [none]

BCL Project: LAUSD - San Pedro HS

BCL Work Order: 1627778

Invoice ID: B249920, B252503, B255130, B255949, B256468

Enclosed are the results of analyses for samples received by the laboratory on 10/3/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	4
Laboratory / Client Sample Cross Reference.....	24

Sample Results

1627778-04 - SB37-5W-00	
Total Concentrations (TTLC).....	39
1627778-07 - SB37-5E-00	
Total Concentrations (TTLC).....	40
1627778-13 - SB37-5S-00	
Total Concentrations (TTLC).....	41
1627778-14 - SB37-5S-12	
Total Concentrations (TTLC).....	42
1627778-15 - SB37-5S-24	
Total Concentrations (TTLC).....	43
1627778-16 - SB2-5W-00	
Total Concentrations (TTLC).....	44
1627778-17 - SB2-5E-00	
Total Concentrations (TTLC).....	45
1627778-25 - SB2-5N-00	
Total Concentrations (TTLC).....	46
1627778-31 - SB3-5S-00	
Total Concentrations (TTLC).....	47
1627778-37 - SB8-5S-00	
Total Concentrations (TTLC).....	48
1627778-38 - SB8-5S-12	
Total Concentrations (TTLC).....	49
1627778-40 - SB8-5N-00	
Total Concentrations (TTLC).....	50
1627778-41 - SB8-5N-12	
Total Concentrations (TTLC).....	51
1627778-43 - SB8-10S-00	
Total Concentrations (TTLC).....	52
1627778-49 - SB7-10W-00	
Total Concentrations (TTLC).....	53
1627778-52 - SB7-5E-00	
Total Concentrations (TTLC).....	54
1627778-55 - SB7-5W-00	
Total Concentrations (TTLC).....	55
1627778-56 - SB7-5W-12	
Total Concentrations (TTLC).....	56
1627778-58 - SB7-5S-00	
Total Concentrations (TTLC).....	57
1627778-59 - SB7-5S-12	
Total Concentrations (TTLC).....	58
1627778-60 - SB7-5S-24	
Total Concentrations (TTLC).....	59
1627778-61 - SB11-10E-00	
Total Concentrations (TTLC).....	60
1627778-64 - SB11-10W-00	
Total Concentrations (TTLC).....	61
1627778-65 - SB11-10W-12	
Total Concentrations (TTLC).....	62
1627778-66 - SB11-10W-24	
Total Concentrations (TTLC).....	63

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Table of Contents

1627778-67 - SB11-5E-00	
Total Concentrations (TTLC).....	64
1627778-68 - SB11-5E-12	
Total Concentrations (TTLC).....	65
1627778-69 - SB11-5E-24	
Total Concentrations (TTLC).....	66
1627778-70 - SB11-5W-00	
Total Concentrations (TTLC).....	67
1627778-71 - SB11-5W-12	
Total Concentrations (TTLC).....	68
1627778-72 - SB11-5W-24	
Total Concentrations (TTLC).....	69
1627778-73 - SB11-10S-00	
Total Concentrations (TTLC).....	70
1627778-76 - SB11-5S-00	
Total Concentrations (TTLC).....	71
1627778-77 - SB11-5S-12	
Total Concentrations (TTLC).....	72
1627778-81 - SB15-10W-00	
Total Concentrations (TTLC).....	73
1627778-85 - SB15-5E-00	
Total Concentrations (TTLC).....	74
1627778-88 - SB15-5S-00	
Total Concentrations (TTLC).....	75
1627778-91 - SB15-5W-00	
Total Concentrations (TTLC).....	76
1627778-92 - SB15-5W-12	
Total Concentrations (TTLC).....	77
1627778-93 - SB15-5W-24	
Total Concentrations (TTLC).....	78
1627778-94 - SB19-10E-00	
Total Concentrations (TTLC).....	79
1627778-95 - SB19-10E-12	
Total Concentrations (TTLC).....	80
Quality Control Reports	
Total Concentrations (TTLC)	
Method Blank Analysis.....	81
Laboratory Control Sample.....	82
Precision and Accuracy.....	83
Notes	
Notes and Definitions.....	84



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 1 of 20

BC

LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetech** Report Attention: **T. Stravaski/G. Valenzuela** Phone #: **562-353-4855** FAX #: **562-353-4855** TEMP: **16-27778**

Address: **5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715** City: **Long Beach** State: **CA** Zip: **90715**
Project Information: **LAUSD-San Pedro High School** PO #: **90715**
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
QC Request ☒ STD ☐ Level II ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Milona** Result Request ** Surcharge
Carbon Copies: ☐ CDHS ☐ Fresno Co ☐ EPA ☐ Merced Co ☐ Tulare Co ☐ Other: ☐ Regulatory Compliance Electronic Data Transfer: ☐ Y ☐ N

Matrix Types: **RSW = Raw Surface Water CFW = Chlorinated Finished Water CWW = Chlorinated Waste Water BW = Bottled Water**
RCW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Sample #	# Bottles	Sample Date	Time	Sample Description / Location	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs
-1		10/01/16	0736	SB 37 - 10W - 00	soil	HOLD		X	
-2			0739	SB 37 - 10W - 12	soil	↓			
-3			0741	SB 37 - 10W - 24	soil				
-4			0744	SB 37 - 5W - 00	soil			X	
-5			0746	SB 37 - 5W - 12	soil	HOLD			
-6			0748	SB 37 - 5W - 24	soil	↓			
-7			0753	SB 37 - 5E - 12	soil	HOLD			
-8			0756	SB 37 - 5E - 24	soil	↓			
-9			0758	SB 37 - 10E - 00	soil	HOLD		X	
-10			0746	SB 37 - 10E - 12	soil	↓			
-11									

Relinquished by: (Signature and Printed Name) **G. Valenzuela** Date **10/16** Company **E2Managetech**
Received by: (Signature and Printed Name) **K. Lin** Date **10/13/16** Company **E2MT**
Received for Lab by: (Signature and Printed Name) **G. Valenzuela** Date **10/13/16** Company **E2MT**
Payment Received: **1270** Date **10/13/16** Amount: **1270**

Shipping Method: **CAO UPS GSO WALK-IN SIVC FEDEX OTHER** Cooling Method: **WET BLUE NONE**
Check/Cash/Card **10-3-16** P/A # **1630** Init. **10-3-16 16:30**

Chain of Custody

SR-FL-0012-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 2 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

2/18

Chain of Custody

16-27778

TEMP: _____

Client/Company Name: E2Managetech		Report Attention: T. Stravastnik/G. Valenzuela		Phone #: 562-353-4855 FAX #: _____	
Address: 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City: Long Beach State: CA Zip: 90715		E-mail: gabriela.valenzuela@e2mt.com	
Project Information: LAUSD-San Pedro High School		PO #: _____ BCL Quote #: _____		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other: _____	
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/> System No. * _____	
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Milona		Result Request ** Surcharge <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**		Matrix * Comments / Station Code	
Matrix Types: RSW = Raw Surface Water RCW = Raw Ground Water CFW = Chlorinated Finished Water FW = Finished Water WW = Waste Water SW = Storm Water BW = Bottled Water DW = Drinking Water SO = Solid		Sample Description / Location *		Lead (EPA 6010) Arsenic (EPA 6010) OCPs	
Sample #	# Bottles	Sampled Date	Time	Matrix *	Comments / Station Code
12	1	10/01/16	07:12	SB 37 - 10E - 24	soil
13	1	10/01/16	07:12	SB 37 - 5S - 00	soil
14	1	10/01/16	07:50	SB 37 - 5S - 12	soil
15	1	10/01/16	07:55	SB 37 - 5S - 24	soil
16	1	10/01/16	08:23	SB 2 - 5W - 00	soil
17	1	10/01/16	08:25	SB 2 - 5E - 00	soil
18	1	10/01/16	08:28	SB 2 - 5E - 12	soil
19	1	10/01/16	08:16	SB 2 - 10E - 00	soil
20	1	10/01/16	08:18	SB 2 - 10E - 12	soil
21	1	10/01/16	08:22	SB 2 - 10E - 24	soil
22	1	10/01/16	08:15	SB 2 - 10W - 00	soil
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 10/10/16		Received by: (Signature and Printed Name) K. Lin	
Relinquished by: (Signature and Printed Name) K. Lin		Date 10/3/16		Received by: (Signature and Printed Name) G. Valenzuela	
Received for Lab by: (Signature and Printed Name) G. Valenzuela		Date 10/3/16		Payment Received Delivery: Date: 10/3/16 Amount: _____	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method: WET BLUE NONE		Packing Material: Check/Cash/Card PIA # _____ Init. _____	

SP-0012-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 3 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetech** Report Attention: **T. Stravastnik/G. Valenzuela** Phone #: **562-353-4855** FAX #: **562-353-4855**
Address: **5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715** E-mail: **gabriela.valenzuela@e2mt.com**

City: **Long Beach** State: **CA** Zip: **90715**
Project Information: **LAUSD-San Pedro High School**
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
QC Request ☒ STD ☐ Level II ☒ STD ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Milone** Result Request ** Surcharge
Carbon Copies: ☐ CDHS ☐ Fresno Co ☐ EPA ☐ Merced Co ☐ Tulare Co ☐ Other: ☐ Regulatory Compliance Electronic Data Transfer: ☐ Y ☐ N

Matrix Types: **RSW = Raw Surface Water CFW = Chlorinated Finished Water CWV = Chlorinated Waste Water BW = Bottled Water**
RGW = Raw Ground Water FW = Finished Water WFW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Sample #	# Bottles	Sampled Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs	ANALYSIS REQUESTED
23		10/01/16	0819	SB 2 - 10W - 12	soil	HOLD				
24			0821	SB 2 - 10W - 24	soil	↓				
25			0829	SB 2 - 5N - 00	soil			X		
26			0844	SB 2 - 5N - 12	soil	HOLD				
27			0845	SB 2 - 5N - 24	soil	↓				
28			0829	SB 2 - 10N - 00	soil	HOLD		X		
29			0834	SB 2 - 10N - 12	soil	↓				
30			0836	SB 2 - 10N - 24	soil					
31			0903	SB 3 - 5S - 00	soil					
32			0912	SB 3 - 5S - 12	soil					
33			0917	SB 3 - 5S - 24	soil	HOLD				

Relinquished by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16** Time: **0930** Received by: (Signature and Printed Name) **K. Lin** Date: **10/16** Time: **1220**
Relinquished by: (Signature and Printed Name) **K. Lin** Date: **10/16** Time: **1220** Received by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16** Time: **245**
Received for Lab by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16** Time: **245**

Shipping Method: **CAO UPS GSO WALK-IN SIVC FED EX OTHER** Cooling Method: **WET BLUE NONE**
Check/Cash/Card: **BC Labs** PIA #: **10-3-16** Amount: **10-3-16** Init: **10-3-16**

SR-F-0012-00 (Rev. 04/01)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 4 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

4/18

Chain of Custody

16-27778

Client/Company Name: E2Managetech		Report Attention: T. Stravasinik/G. Valenzuela		Phone #: 562-353-4855 FAX #: 562-353-4855		E-mail: gabriela.valenzuela@e2mt.com					
Address: 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City: Long Beach State: CA Zip: 90715		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/>		Other:					
Project Information: LAUSD-San Pedro High School		PO # BCL Quote #		Regulatory Compliance Electronic Data Transfer: System No. * Y <input type="checkbox"/> N <input type="checkbox"/>		ANALYSIS REQUESTED					
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 3 Day** <input type="checkbox"/> 5 Day** <input type="checkbox"/> 7 Day** <input type="checkbox"/> 10 Day**		Result Request ** Surcharge		OCPs					
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Miloma		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 3 Day** <input type="checkbox"/> 5 Day** <input type="checkbox"/> 7 Day** <input type="checkbox"/> 10 Day**		Result Request ** Surcharge		Arsenic (EPA 6010)					
Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CWV = Chlorinated Waste Water BW = Bottled Water RGW = Raw Ground Water FW = Finished Water VW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Lead (EPA 6010)					
Sample #	Bottles	Sampled	Date	Time	SB	3	105 - 00	soil	HOLD		
31		0904	10/01/16		SB	3	105 - 12	soil	HOLD		
35		0914			SB	3	105 - 12	soil	HOLD		
36		0928			SB	3	105 - 24	soil	HOLD		
37		0931			SB	8	55 - 00	soil	HOLD		
38		0935			SB	8	55 - 12	soil	HOLD		
39		0940			SB	8	55 - 24	soil	HOLD		
40		0943			SB	8	55 - 00	soil	HOLD		
41		0944			SB	8	55 - 12	soil	HOLD		
42		0944			SB	8	55 - 24	soil	HOLD		
43		0944			SB	8	105 - 00	soil	HOLD		
44		0947			SB	8	105 - 12	soil	HOLD		
Relinquished by: (Signature and Printed Name) G. Valenzuela		Company E2Managetech		Date 10/1/16		Time 0930		Received by (Signature and Print Name) K. Lin		Company E2MT	
Relinquished by: (Signature and Printed Name) K. Lin		Company E2MT		Date 10/3/16		Time 1220		Received by (Signature and Print Name) G. Valenzuela		Company BC Labs	
Received for Lab by: (Signature and Printed Name) G. Valenzuela		Company E2MT		Date 10/3/16		Time 245		Received by (Signature and Print Name) G. Valenzuela		Company BC Labs	
Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER		Cooling Method: WET BLUE NONE		Check/Cash/Card Amount:		PIA #		Init.		Packing Material:	

10-3-16 1630

SEP-2012-20/Rev.001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



SR-FL-0012-00 (AnamM/call)

Page 8 of 84



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 6 of 20

6/8

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

Chain of Custody

* Required Fields

Client/Company Name * E2Managetech		Report Attention * T. Stravanski/G. Valenzuela		Phone * #: 562-353-4855 FAX * #: E-mail: gabriela.valenzuela@e2mt.com		TEMP: 16-27778	
Address * 5001 Airport Plaza Dr, Suite 260 Project Information: LAUSD-San Pedro High School		City * Long Beach		State * CA		Zip * 90715	
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		PO # BCL Quote #		Carbon Copies: <input type="checkbox"/> CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other:		ANALYSIS REQUESTED	
Sampler Name Printed / Signature G. Valenzuela/K. Lin/Milena		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**		Regulatory Compliance Electronic Data Transfer: System No. * Y <input type="checkbox"/> N <input type="checkbox"/>		OCPs	
Matrix Types: RSW = Raw Surface Water RCW = Raw Ground Water		CFW = Chlorinated Finished Water FW = Finished Water		CW = Chlorinated Waste Water SW = Storm Water		BW = Bottled Water DW = Drinking Water	
SO = Solid		Matrix *		Comments / Station Code		Lead (EPA 6010)	
Sample #		Sample Description / Location *		Matrix *		Arsenic (EPA 6010)	
-56		SB 7-5W-12		soil		HOLD	
-57		SB 7-5W-24		soil		HOLD	
-58		SB 7-5S-00		soil		HOLD	
-59		SB 7-5S-12		soil		HOLD	
-60		SB 7-5S-24		soil		HOLD	
-61		SB 11-10E-00		soil		HOLD	
-62		SB 11-10E-12		soil		HOLD	
-63		SB 11-10E-24		soil		HOLD	
-64		SB 11-10W-00		soil		HOLD	
-65		SB 11-10W-12		soil		HOLD	
-66		SB 11-10W-24		soil		HOLD	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 10/16		Time 0930		Received by (Signature and Print Name) K. Lin	
Relinquished by: (Signature and Printed Name) K. Lin		Date 10/16		Time 1200		Received by (Signature and Print Name) G. Valenzuela	
Received by: (Signature and Printed Name) G. Valenzuela		Date 10/16		Time 1200		Received by: (Signature and Print Name) G. Valenzuela	
Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER		Cooling Method: WET BLUE NONE		Check/Cash/Card Amount:		Packing Material: Init.	

SEFL-0012-08 (Rev. 08/01)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 7 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Chain of Custody

16-27778

TEMP: _____

Client/Company Name: E2Managetech		Report Attention: T. Stravanski/G. Valenzuela		Phone #: 562-353-4855 E-mail: gabriela.valenzuela@e2mt.com		FAX #: _____	
Address: 5001 Airport Plaza Dr, Suite 260 LAUSD-San Pedro High School		City: Long Beach State: CA Zip: 90715		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other: _____		ANALYSIS REQUESTED Lead (EPA 6010) Arsenic (EPA 6010) OCPs	
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		PO # BCL Quote #		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/> System No. *			
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Milona		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day**		Result Request ** Surcharge <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day**			
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water CFW = Chlorinated Finished Water FW = Finished Water CW = Chlorinated Waste Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Comments / Station Code	
Sample #	# Bottles	Date	Time	Sample	Matrix	Comments	Station Code
162	1	10/01/16	11:11	SB 11 - SE - 00	soil		
168	1	11/16	11:11	SB 11 - SE - 12	soil	HOLD	
169	1	11/18	11:11	SB 11 - SE - 24	soil		
170	1	11/13	11:11	SB 11 - SW - 00	soil		
171	1	11/16	11:11	SB 11 - SW - 12	soil	HOLD	
172	1	11/18	11:11	SB 11 - SW - 24	soil		
173	1	11/20	11:11	SB 11 - 105 - 00	soil	HOLD	
174	1	11/24	11:11	SB 11 - 105 - 12	soil		
175	1	11/23	11:11	SB 11 - 105 - 24	soil		
176	1	11/23	11:11	SB 11 - 55 - 00	soil		
177	1	11/23	11:11	SB 11 - 55 - 12	soil	HOLD	
Relinquished by: (Signature and Print Name) G. Valenzuela		Date 10/16		Company E2Managetech		Received by: (Signature and Print Name) K. Lin	
Relinquished by: (Signature and Print Name) K. Lin		Date 10/16		Company E2Managetech		Received by: (Signature and Print Name) BC Labs	
Received for Lab by: (Signature and Print Name) G. Valenzuela		Date 10/16		Company E2Managetech		Received by: (Signature and Print Name) BC Labs	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method: WET BLUE NONE		Check/Cash/Card Amount:		Init.	

SP-FL-0012-00 (Rev. 05/04)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 8 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

8/18

Chain of Custody

16-27778

TEMP: _____

Client/Company Name: E2Managetech		Report Attention: T. Stravastnik/G. Valenzuela		Phone #: 562-353-4855 E-mail: gabriela.valenzuela@e2mt.com		FAX #: _____	
Address: 5001 Airport Plaza Dr, Suite 260 LAUSD-San Pedro High School		City: Long Beach State: CA Zip: 90715		Carbon Copies: <input type="checkbox"/> CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other: _____		ANALYSIS REQUESTED	
Project Information: How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		PO # BCL Quote #		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/> System No. *		Arsenic (EPA 6010)	
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Mitoma		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**		Result Request ** Surcharge		Lead (EPA 6010)	
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water CFW = Chlorinated Finished Water FW = Finished Water CW = Chlorinated Waste Water WW = Waste Water SW = Storm Water BW = Bottled Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Comments / Station Code	
Sample #	Bottles	Date	Time	Sample	Matrix	Comments	Station Code
-98		10/01/16	11:44	SB 15 - 10E - 00	soil	HOLD	
-79			11:45	SB 15 - 10E - 12	soil		
-80			11:47	SB 15 - 10E - 24	soil		
-81			12:00	SB 15 - 10W - 00	soil		
-82			11:57	SB 15 - 10E - 15-10S-00	soil		
-83			11:59	SB 15 - 10S - 12	soil		
-84			12:02	SB 15 - 10S - 24	soil		
-85			11:50	SB 15 - 5E - 00	soil		
-86			11:51	SB 15 - 5E - 12	soil	HOLD	
-87			11:52	SB 15 - 5E - 24	soil		
-88			12:11	SB 15 - 5S - 00	soil		
Relinquished by: (Signature and Print Name) G. Valenzuela		Company E2Managetech		Date 10/16/16		Time 09:30	
Relinquished by: (Signature and Print Name) K. Lin		Company E2MT		Date 10/16/16		Time 12:20	
Received for Lab by: (Signature and Print Name) G. Valenzuela		Company E2MT		Date 10/16/16		Time 2:48	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method: WET BLUE NONE		Check/Cash/Card Amount:		Packing Material:	

SP-FL-0016-00 (Amended)

10-3-16 1630
10-3-16 14:30



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 9 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name *		Report Attention *		Phone * #: 562-353-4855		FAX * #:	
E2Managetech		T. Stravansk/G. Valenzuela		E-mail: gabriela.valenzuela@e2mt.com		ANALYSIS REQUESTED	
Address *		City *		State *		Zip *	
5001 Airport Plaza Dr, Suite 260		Long Beach		CA		90715	
Project Information:		PO #		BCL Quote #			
LAUSD-San Pedro High School							
How would you like your completed results sent?		<input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request		Result Request ** Surcharge	
Sampler Name Printed / Signature		<input type="checkbox"/> STD <input type="checkbox"/> Level II <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 10 Day** <input type="checkbox"/> 15 Day**		Regulatory Compliance		Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/>	
G. Valenzuela/K. Lin/A. Mirona							
Matrix Types:		RSW = Raw Surface Water		CFW = Chlorinated Finished Water		CW = Chlorinated Waste Water	
		RGW = Raw Ground Water		FW = Finished Water		WW = Waste Water	
				SW = Storm Water		DW = Drinking Water	
						SO = Solid	
Sample #		Sampled Date		Sample Description / Location *		Matrix *	
-89		10/01/16		SB 15 - 55 - 12		soil	
-90		12/16		SB 15 - 55 - 24		soil	
-91		12/17		SB 15 - 5W - 00		soil	
-92		12/24		SB 15 - 5W - 12		soil	
-93		12/26		SB 15 - 5W - 24		soil	
-94		13/29		SB 19 - 10E - 00		soil	
-95		13/30		SB 19 - 10E - 12		soil	
-96		13/32		SB 19 - 10E - 24		soil	
-97		13/38		SB 19 - 10S - 00		soil	
-98		13/40		SB 19 - 10S - 12		soil	
-99		13/41		SB 19 - 10S - 24		soil	
Relinquished by: (Signature and Printed Name)		Date		Company		Received by: (Signature and Print Name)	
G. Valenzuela		10/10		E2Managetech		K. Lin	
Relinquished by: (Signature and Printed Name)		Date		Company		Received by: (Signature and Print Name)	
K. Lin		10/13/16		E2MT		K. Lin	
Received by: (Signature and Printed Name)		Date		Company		Received by: (Signature and Print Name)	
G. Valenzuela		10/13/16		E2MT		K. Lin	
Shipping Method:		CAO UPS GSO WALK-IN SVC FED EX OTHER		Cooling Method:		WET BLUE NONE	

Chain of Custody

9/16

16-27778

TEMP:

ANALYSIS REQUESTED

Lead (EPA 6010)	
Arsenic (EPA 6010)	
OCPs	

Comments / Station Code

89	10/01/16	SB 15 - 55 - 12	soil	HOLD
90	12/16	SB 15 - 55 - 24	soil	↓
91	12/17	SB 15 - 5W - 00	soil	
92	12/24	SB 15 - 5W - 12	soil	HOLD
93	12/26	SB 15 - 5W - 24	soil	↓
94	13/29	SB 19 - 10E - 00	soil	HOLD
95	13/30	SB 19 - 10E - 12	soil	
96	13/32	SB 19 - 10E - 24	soil	
97	13/38	SB 19 - 10S - 00	soil	
98	13/40	SB 19 - 10S - 12	soil	
99	13/41	SB 19 - 10S - 24	soil	

Relinquished by: (Signature and Printed Name)	Date	Company	Received by: (Signature and Print Name)	Company
G. Valenzuela	10/10	E2Managetech	K. Lin	E2MT
Relinquished by: (Signature and Printed Name)	Date	Company	Received by: (Signature and Print Name)	Company
K. Lin	10/13/16	E2MT	K. Lin	BC Labs

Received by: (Signature and Printed Name)	Date	Company	Check/Cash/Card	PIA #	Init.
G. Valenzuela	10/13/16	E2MT			

Shipping Method:	CAO UPS GSO WALK-IN SVC FED EX OTHER	Cooling Method:	WET BLUE NONE

10-3-16 1630

10-3-16 1630

SH-FL-0015-00 (Rev. 05/01)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 10 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 10 of 11							
Submission #: 16-27778											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W / S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-31-16							
Temperature: (A) 2.7 °C / (C) 2.9 °C		Analyst Init: [Signature]									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____ Date/Time: 10/31/16 1230 Rev 21 05/23/2016
Sample Numbering Completed By: [Signature] *
BC LAB FORM 1000561614 01/01/2016



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 11 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 2 Of 11							
Submission #: 16-27778											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-31-16							
Temperature: (A) 2.7 °C (C) 2.9 °C		Analyst Init: [Signature]									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	20
TYPE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____ Date/Time: 10/5/16 12:30 Rev 21 05/23/2016
Sample Numbering Completed By: CRA

Chain of Custody and Cooler Receipt Form for 1627778 Page 12 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 3 of 11							
Submission #: 16-27778											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W 15							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-31-16							
Temperature: (A) 2.7 °C / (C) 2.9 °C		Analyst Initials: JD		16:30							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		21	22	23	24	25	26	27	28	29	30
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: Coo

Date/Time: 10/5/16

1230

Rev 21 05/23/2016

A - Actual L - Corrected

15-WPDocWordPerfect AR DOCXFORMSISAMRFFCrev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 13 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>4</u> Of <u>11</u>							
Submission #: <u>16-27778</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>95</u> Container: <u>Glass</u> Thermometer ID: <u>208</u> Temperature: (A) <u>2.1</u> °C / (C) <u>2.3</u> °C		Date/Time: <u>10-3-16</u> Analyst Init: <u>JS</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>37</u>	<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>	<u>43</u>	<u>44</u>	<u>45</u>	<u>46</u>
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: JS

Date/Time: 10/5/16

1230

Rev 21 05/23/2016

IC:\WP\Work\Referral AR DOCS\FORMS\SAMREC rev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 14 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 5 of 11							
Submission #: 16-27778											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-3-16							
Temperature: (A) 2.1 °C (C) 2.3 °C		Analyst Init: JAS		16:30							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		47	48	49	50	51	52	53	54	55	56
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CAA

Date/Time: 10/5/16 1230

Rev 21 05/23/2016

(C:\WP\Print\Work\Perform\AR\DOCS\FORMS\SAMRFF.rev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Comments: _____ Date/Time: 10/5/16 1230 Rev 21 05/23/2016
Sample Numbering Completed By: PJA

Page 18 of 84



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 16 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 7 Of 11							
Submission #: 16-27778											
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received		Emissivity: 95		Container: Glass							
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Thermometer ID: 208		Date/Time: 10-31-16							
		Temperature: (A) 2.7 °C (C) 2.9 °C		Analyst Init: [Signature]							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		31	32	33	34	35	36	64	65	66	70
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁴⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: [Signature]

A = Actual C = Corrected

Date/Time:

10/5/16

10/5/16

Rev 21 05/23/2016

ICAWDOW-Ward-Parker-01 AR DCSFORMSISAMRFrev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Comments: _____
 Sample Numbering Completed By: CPA Date/Time: 10/5/16 1230 Rev 21 05/23/2016
 A = Actual / C = Corrected
 (C:\WB\Doc\WB\Befor\B1 AR.DCS\FORMS\SAMR\Fac.msp)

Page 20 of 84



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 18 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 9 of 11							
Submission #: 16-27778											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/>	UPS <input type="checkbox"/>	Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>	Ice Chest <input checked="" type="checkbox"/>	None <input type="checkbox"/> Box <input type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			Other <input type="checkbox"/> (Specify) _____		W / S <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received		Emissivity: 95	Container: Glass	Thermometer ID: 208	Date/Time: 10-31-16						
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Temperature: (A) 2.7 °C / (C) 2.9 °C		Analyst Init: [Signature]							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		71	72	76	77	88	89	90	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A			
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: [Signature]

Date/Time: 10/31/16 1230

Rev 21 05/23/2016

15-WDPerf/WoodPerf011 6R DCCSFORMSUSAMRFrev 201



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 19 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 10 of 11							
Submission #: 16-27778											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		None <input checked="" type="checkbox"/> Comments: _____									
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-3-16							
		Temperature: (A) 2.1 °C (C) 2.3 °C		Analyst Init: JLS 10:30							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		85	86	87	91	92	93	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A				
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CAA

Date/Time: 10/5/16 1230

Rev 21 05/23/2016

BC-LABFORMS\Word\Part1911 AR DOC\FORMS\SAMR\Free 201



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627778 Page 20 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 11 Of 11							
Submission #: <u>16-27778</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service: <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S <input type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>95</u> Container: <u>Calass</u> Thermometer ID: <u>208</u> Temperature: (A) <u>1.2</u> °C (C) <u>1.4</u> °C		Date/Time: <u>10-3-14</u> Analyst Init: <u>JD 16:30</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		94	95	96	97	98	99	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A				
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____
Sample Numbering Completed By: CoA Date/Time: 10/5/16 1220 6:10/5/16 Rev 21 05/23/2016

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-01	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-02	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-03	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-04	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:44
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-05	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-06	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:48
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-07	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:48
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-08	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:53
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-09	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-10	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-11	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-12	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-13	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:46
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-14	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-15	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 07:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB37-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-16	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-17	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-18	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-19	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-20	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-21	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-22	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-23	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:19
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-24	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:21
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-25	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-26	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:44
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-27	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-28	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-29	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-30	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 08:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB2-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-31	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:03
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-32	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-33	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-34	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-35	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-36	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB3-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-37	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-38	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-39	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-40	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-41	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:34
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-42	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-43	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-44	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-45	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB8-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-46	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-47	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 09:57
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-48	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-49	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-50	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-51	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-52	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-53	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-54	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-55	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-56	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-57	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-58	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-59	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:22
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-60	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB7-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-61	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 10:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-62	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-63	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-64	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-65	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-66	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-67	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:11
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-68	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-69	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-70	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-71	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-72	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-73	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-74	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-75	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:33
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-76	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-77	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-78	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:44
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-79	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-80	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-81	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-82	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:57
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-83	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-84	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-85	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-86	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-87	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-88	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:11
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-89	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-90	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:16
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-91	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-92	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-93	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 12:26
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB15-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-94	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-95	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-96	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-97	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:38
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627778-98	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627778-99	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-04	Client Sample Name:	SB37-5W-00, 10/1/2016 7:44:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	3.8	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:28	JCC	PE-OP3	1.905	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-07	Client Sample Name:	SB37-5E-00, 10/1/2016 7:48:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.7	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/11/16 17:19	JCC	PE-OP3	0.926	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-13	Client Sample Name:	SB37-5S-00, 10/1/2016 7:46:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:29	JCC	PE-OP3	4.950	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-14	Client Sample Name:	SB37-5S-12, 10/1/2016 7:50:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	36	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:28	JCC	PE-OP3	5	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-15	Client Sample Name:	SB37-5S-24, 10/1/2016 7:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	59	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/21/16 18:33	JCC	PE-OP3	0.952	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-16	Client Sample Name:	SB2-5W-00, 10/1/2016 8:23:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	3.3	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:31	JCC	PE-OP3	1.887	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-17	Client Sample Name:	SB2-5E-00, 10/1/2016 8:25:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.1	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:32	JCC	PE-OP3	1.980	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-25	Client Sample Name:	SB2-5N-00, 10/1/2016 8:39:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.7	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:34	JCC	PE-OP3	1.887	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-31	Client Sample Name:	SB3-5S-00, 10/1/2016 9:03:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	66	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 10:42	JCC	PE-OP3	0.917	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-37	Client Sample Name:	SB8-5S-00, 10/1/2016 9:31:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:35	JCC	PE-OP3	1.905	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-38	Client Sample Name:	SB8-5S-12, 10/1/2016 9:35:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 10:44	JCC	PE-OP3	0.943	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-40	Client Sample Name:	SB8-5N-00, 10/1/2016 9:28:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:37	JCC	PE-OP3	1.961	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-41	Client Sample Name:	SB8-5N-12, 10/1/2016 9:34:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:12	JCC	PE-OP3	0.990	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-43	Client Sample Name:	SB8-10S-00, 10/1/2016 9:41:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:14	JCC	PE-OP3	0.935	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID: 1627778-49		Client Sample Name: SB7-10W-00, 10/1/2016 10:02:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	13	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:30	JCC	PE-OP3	1.887	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-52	Client Sample Name:	SB7-5E-00, 10/1/2016 10:06:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	5.8	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:38	JCC	PE-OP3	1.887	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1627778-55	Client Sample Name:	SB7-5W-00, 10/1/2016 10:06:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	220	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:39	JCC	PE-OP3	1.852	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-56	Client Sample Name:	SB7-5W-12, 10/1/2016 10:13:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	7.2	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:32	JCC	PE-OP3	1.923	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-58	Client Sample Name:	SB7-5S-00, 10/1/2016 10:20:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.3	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	250	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:47	JCC	PE-OP3	1.942	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-59	Client Sample Name:	SB7-5S-12, 10/1/2016 10:22:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	110	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:34	JCC	PE-OP3	1.942	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-60	Client Sample Name:	SB7-5S-24, 10/1/2016 10:24:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	13	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/09/17	01/10/17 09:21	JCC	PE-OP3	2	B[A0495

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-61	Client Sample Name:	SB11-10E-00, 10/1/2016 10:59:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:54	JCC	PE-OP3	0.980	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-64	Client Sample Name:	SB11-10W-00, 10/1/2016 11:02:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	18	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:36	JCC	PE-OP3	1.887	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-65	Client Sample Name:	SB11-10W-12, 10/1/2016 11:05:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/30/16	01/03/17 13:35	JCC	PE-OP3	4.950	BZL2441

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-66	Client Sample Name:	SB11-10W-24, 10/1/2016 11:10:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	01/09/17	01/10/17 09:41	JCC	PE-OP3	4.630	B[A0495

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-67	Client Sample Name:	SB11-5E-00, 10/1/2016 11:11:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	25	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:48	JCC	PE-OP3	4.808	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-68	Client Sample Name:	SB11-5E-12, 10/1/2016 11:16:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	19	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:56	JCC	PE-OP3	0.962	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-69	Client Sample Name:	SB11-5E-24, 10/1/2016 11:18:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	18	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:57	JCC	PE-OP3	0.980	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-70	Client Sample Name:	SB11-5W-00, 10/1/2016 11:13:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:50	JCC	PE-OP3	5	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-71	Client Sample Name:	SB11-5W-12, 10/1/2016 11:16:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 11:58	JCC	PE-OP3	0.962	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-72	Client Sample Name:	SB11-5W-24, 10/1/2016 11:18:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 12:00	JCC	PE-OP3	0.990	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-73	Client Sample Name:	SB11-10S-00, 10/1/2016 11:20:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:38	JCC	PE-OP3	1.869	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-76	Client Sample Name:	SB11-5S-00, 10/1/2016 11:23:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	5.4	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:52	JCC	PE-OP3	1.869	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-77	Client Sample Name:	SB11-5S-12, 10/1/2016 11:37:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	25	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 12:01	JCC	PE-OP3	0.962	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-81	Client Sample Name:	SB15-10W-00, 10/1/2016 12:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 12:03	JCC	PE-OP3	0.926	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-85	Client Sample Name:	SB15-5E-00, 10/1/2016 11:50:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/07/16	10/12/16 17:53	JCC	PE-OP3	1.961	BZJ0692

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-88	Client Sample Name:	SB15-5S-00, 10/1/2016 12:11:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:26	JCC	PE-OP3	2	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-91	Client Sample Name:	SB15-5W-00, 10/1/2016 12:17:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	26	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:34	JCC	PE-OP3	1.905	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-92	Client Sample Name:	SB15-5W-12, 10/1/2016 12:24:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 12:04	JCC	PE-OP3	0.980	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-93	Client Sample Name:	SB15-5W-24, 10/1/2016 12:26:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:39	JCC	PE-OP3	1.923	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-94	Client Sample Name:	SB19-10E-00, 10/1/2016 1:29:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/18/16	11/21/16 12:10	JCC	PE-OP3	0.943	BZK1815

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627778-95	Client Sample Name:	SB19-10E-12, 10/1/2016 1:30:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:41	JCC	PE-OP3	1.942	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[A0495						
Arsenic	B[A0495-BLK1	ND	mg/kg	1.0	0.40	
Lead	B[A0495-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZJ0692						
Arsenic	BZJ0692-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZJ0692-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZJ0744						
Arsenic	BZJ0744-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1815						
Arsenic	BZK1815-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZK1815-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZL1781						
Arsenic	BZL1781-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZL2441						
Arsenic	BZL2441-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZL2441-BLK1	0.43713	mg/kg	2.5	0.28	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B[A0495										
Arsenic	B[A0495-BS1	LCS	9.3266	10.000	mg/kg	93.3		75 - 125		
Lead	B[A0495-BS1	LCS	102.12	100.00	mg/kg	102		75 - 125		
QC Batch ID: BZJ0692										
Arsenic	BZJ0692-BS1	LCS	9.3750	10.000	mg/kg	93.7		75 - 125		
Lead	BZJ0692-BS1	LCS	104.47	100.00	mg/kg	104		75 - 125		
QC Batch ID: BZJ0744										
Arsenic	BZJ0744-BS1	LCS	9.0063	10.000	mg/kg	90.1		75 - 125		
QC Batch ID: BZK1815										
Arsenic	BZK1815-BS1	LCS	9.4691	10.000	mg/kg	94.7		75 - 125		
Lead	BZK1815-BS1	LCS	99.874	100.00	mg/kg	99.9		75 - 125		
QC Batch ID: BZL1781										
Arsenic	BZL1781-BS1	LCS	10.653	10.000	mg/kg	107		75 - 125		
QC Batch ID: BZL2441										
Arsenic	BZL2441-BS1	LCS	10.300	10.000	mg/kg	103		75 - 125		
Lead	BZL2441-BS1	LCS	110.12	100.00	mg/kg	110		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[A0495]		Used client sample: Y - Description: SB7-5S-24, 10/01/2016 10:24									
Arsenic	DUP	1627778-60	24.958	26.455		mg/kg	5.8		20		
	MS	1627778-60	24.958	28.469	10.000	mg/kg		35.1		75 - 125	Q03
	MSD	1627778-60	24.958	33.306	10.000	mg/kg	15.7	83.5	20	75 - 125	
Lead	DUP	1627778-60	12.708	7.8993		mg/kg	46.7		20		Q01
	MS	1627778-60	12.708	97.448	100.00	mg/kg		84.7		75 - 125	
	MSD	1627778-60	12.708	102.30	100.00	mg/kg	4.9	89.6	20	75 - 125	
QC Batch ID: BZJ0692		Used client sample: Y - Description: SB11-24, 08/03/2016 09:26									
Arsenic	DUP	1621628-29	13.082	13.494		mg/kg	3.1		20		
	MS	1621628-29	13.082	18.455	10.000	mg/kg		53.7		75 - 125	Q03
	MSD	1621628-29	13.082	18.267	10.000	mg/kg	1.0	51.9	20	75 - 125	Q03
Lead	DUP	1621628-29	3.5060	3.8157		mg/kg	8.5		20		J
	MS	1621628-29	3.5060	94.332	100.00	mg/kg		90.8		75 - 125	
	MSD	1621628-29	3.5060	87.408	100.00	mg/kg	7.6	83.9	20	75 - 125	
QC Batch ID: BZJ0744		Used client sample: Y - Description: SB15-5S-00, 10/01/2016 12:11									
Arsenic	DUP	1627778-88	11.883	10.712		mg/kg	10.4		20		
	MS	1627778-88	11.883	19.313	10.000	mg/kg		74.3		75 - 125	Q03
	MSD	1627778-88	11.883	19.654	10.000	mg/kg	1.8	77.7	20	75 - 125	
QC Batch ID: BZK1815		Used client sample: Y - Description: SB37-5S-12, 10/01/2016 07:50									
Arsenic	DUP	1627778-14	35.954	39.403		mg/kg	9.2		20		
	MS	1627778-14	35.954	47.033	10.000	mg/kg		111		75 - 125	
	MSD	1627778-14	35.954	48.226	10.000	mg/kg	2.5	123	20	75 - 125	
Lead	DUP	1627778-14	2.8026	2.8378		mg/kg	1.3		20		J
	MS	1627778-14	2.8026	86.142	100.00	mg/kg		83.3		75 - 125	
	MSD	1627778-14	2.8026	89.500	100.00	mg/kg	3.8	86.7	20	75 - 125	
QC Batch ID: BZL1781		Used client sample: N									
Arsenic	DUP	1634749-01	ND	ND		mg/kg			20		
	MS	1634749-01	ND	10.360	10.000	mg/kg		104		75 - 125	
	MSD	1634749-01	ND	10.090	10.000	mg/kg	2.6	101	20	75 - 125	
QC Batch ID: BZL2441		Used client sample: N									
Arsenic	DUP	1634958-17	7.5757	8.0043		mg/kg	5.5		20		
	MS	1634958-17	7.5757	16.623	10.000	mg/kg		90.5		75 - 125	
	MSD	1634958-17	7.5757	17.485	10.000	mg/kg	5.1	99.1	20	75 - 125	
Lead	DUP	1634958-17	50.586	57.202		mg/kg	12.3		20		
	MS	1634958-17	50.586	132.86	100.00	mg/kg		82.3		75 - 125	
	MSD	1634958-17	50.586	130.31	100.00	mg/kg	1.9	79.7	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 01/10/2017 16:07
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Date of Report: 12/23/2016

Travis Stravasnik

E2 Managetech

5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Client Project: [none]
BCL Project: LAUSD - San Pedro HS
BCL Work Order: 1627779
Invoice ID: B249083, B249669, B252467, B255131

Enclosed are the results of analyses for samples received by the laboratory on 10/3/2016. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	4
Laboratory / Client Sample Cross Reference.....	24

Sample Results

1627779-01 - SB19-5W-00	
Total Concentrations (TTLC).....	37
1627779-02 - SB19-5E-00	
Total Concentrations (TTLC).....	38
1627779-03 - SB19-5E-12	
Total Concentrations (TTLC).....	39
1627779-05 - SB19-5S-00	
Total Concentrations (TTLC).....	40
1627779-17 - SB17-5W-00	
Total Concentrations (TTLC).....	41
1627779-20 - SB17-5E-00	
Total Concentrations (TTLC).....	42
1627779-23 - SB17-5N-00	
Total Concentrations (TTLC).....	43
1627779-26 - DUP1A-100116	
Total Concentrations (TTLC).....	44
1627779-29 - DUP2A-100116	
Total Concentrations (TTLC).....	45
1627779-32 - DUP3A-100116	
Total Concentrations (TTLC).....	46
1627779-35 - SB18-5N-00	
Total Concentrations (TTLC).....	47
1627779-41 - SB18-5E-00	
Total Concentrations (TTLC).....	48
1627779-42 - SB18-5E-12	
Total Concentrations (TTLC).....	49
1627779-44 - SB18-5S-00	
Total Concentrations (TTLC).....	50
1627779-50 - SB14-5N-00	
Total Concentrations (TTLC).....	51
1627779-53 - SB14-5E-00	
Total Concentrations (TTLC).....	52
1627779-59 - SB14-5S-00	
Total Concentrations (TTLC).....	53
1627779-62 - DUP4A-100216	
Total Concentrations (TTLC).....	54
1627779-65 - SB9-5W-00	
Total Concentrations (TTLC).....	55
1627779-68 - SB9-5N-00	
Total Concentrations (TTLC).....	56
1627779-74 - SB9-5E-00	
Total Concentrations (TTLC).....	57
1627779-77 - SB47-5W-00	
Total Concentrations (TTLC).....	58
1627779-79 - SB47-5S-00	
Total Concentrations (TTLC).....	59
1627779-80 - SB47-5S-12	
Total Concentrations (TTLC).....	60
1627779-81 - SB47-5E-00	
Total Concentrations (TTLC).....	61

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

1627779-82 - SB47-5E-12	
Total Concentrations (TTLIC).....	62
1627779-83 - DUP5A-100216	
Total Concentrations (TTLIC).....	63
1627779-85 - SB47-5S-24	
Total Concentrations (TTLIC).....	64
1627779-86 - SB11-5S-24	
Total Concentrations (TTLIC).....	65
Quality Control Reports	
Total Concentrations (TTLIC)	
Method Blank Analysis.....	66
Laboratory Control Sample.....	67
Precision and Accuracy.....	68
Notes	
Notes and Definitions.....	69



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 1 of 20

BC

LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

10/18

16-277779

Chain of Custody

Client/Company Name: E2Managetech		Report Attention: T. Stravaski/G. Valenzuela		Phone # 562-353-4855 E-mail: gabriela.valenzuela@e2mt.com		FAX #:		TEMP:	
Address: 5001 Airport Plaza Dr, Suite 260 Long Beach, CA 90715		City: Long Beach, State: CA, Zip: 90715		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other:		ANALYSIS REQUESTED			
Project Information: LAUSD-San Pedro High School		PO # BCL Quote #		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/>					
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**		Result Request ** Surcharge					
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Milona		QC Request		Result Request ** Surcharge					
Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CWV = Chlorinated Waste Water BW = Bottled Water RGW = Raw Ground Water FW = Finished Water WFW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Comments / Station Code			
Sample #	# Bottles	Date	Time	Sample	Time	Matrix	Comments	Station Code	
-1	1	10/16	13:45	SB 19-5W-00	13:45	soil			
-2	2	9/1/16	13:33	SB 19-5E-00	13:33	soil			
-3	3	9/1/16	13:35	SB 19-5F-12	13:35	soil			
-4	4	9/1/16	13:37	SB 19-5E-24	13:37	soil			
-5	5	9/1/16	13:43	SB 19-5S-00	13:43	soil			
-6	6	9/1/16	13:28	SB 19-10W-00	13:28	soil			
-7	7	9/1/16	13:29	SB 19-10W-12	13:29	soil			
-8	8	9/1/16	14:05	SB 19-10W-00	14:05	soil			
-9	9	9/1/16	14:06	SB 17-10W-12	14:06	soil			
-10	10	9/1/16	14:09	SB 17-10W-24	14:09	soil			
-11	11	9/1/16	13:56	SB 17-10E-00	13:56	soil			
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 10/16		Time 09:30		Received by: (Signature and Printed Name) K. Lin		Company E2Managetech	
Relinquished by: (Signature and Printed Name) K. Lin		Date 10/16		Time 09:30		Received by: (Signature and Printed Name) G. Valenzuela		Company BC Labs	
Received for Lab by: (Signature and Printed Name) G. Valenzuela		Date 10/16		Time 09:30		Payment Received at Delivery: Date: 10/16/16 Amount: \$1000.00		Check/Cash/Card PIA #	
Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER		Cooling Method: WET BLUE NONE		Packing Material:		Init:			

SH-FL-0012-00 (Rev/Jan)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 2 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name * E2Managetech		Report Attention * T. Stravanski/G. Valenzuela		Phone * #: 562-353-4855		FAX * #:		Chain of Custody	
Address * 5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715		City * Long Beach		State * CA		Zip * 90715		ANALYSIS REQUESTED	
Project Information: LAUSD-San Pedro High School		PO #		BCL Quote #		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other:			
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day**		Result Request ** Surcharge		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/> System No. *			
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Milona		Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CW = Chlorinated Waste Water BW = Bottled Water RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid		Matrix *		Comments / Station Code			
Sample #	# Bottles	Sampled Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs
-12	12	9/1/16	1348	SB 17 10E-12	soil	HOLD			
-13	13	9/1/16	1400	SB 17 10E-24	soil				
-14	14	9/1/16	1406	SB 17 10W-00	soil				
-15	15	9/1/16	1407	SB 17 10W-12	soil				
-16	16	9/1/16	1409	SB 17 10W-24	soil				
-17	17	9/1/16	1412	SB 17 5W-00	soil	HOLD			
-18	18	9/1/16	1414	SB 17 5W-12	soil				
-19	19	9/1/16	1416	SB 17 5W-24	soil				
-20	20	9/1/16	1401	SB 17 5E-00	soil				
-21	21	9/1/16	1403	SB 17 5E-12	soil				
-22	22	9/1/16	1404	SB 17 5E-24	soil				
Relinquished by: (Signature and Printed Name) G. Valenzuela		Date 9/1/16		Time 0930		Received by: (Signature and Printed Name) K. Lin		Company E2MT	
Relinquished by: (Signature and Printed Name) K. Lin		Date 9/1/16		Time 1020		Received by: (Signature and Printed Name) G. Valenzuela		Company BC Labs	
Received for Lab by: (Signature and Printed Name) G. Valenzuela		Date 9/1/16		Time 1030		Payment Received at Delivery: Date: 9/1/16 Amount:		Check/Cash/Card PIA #	
Shipping Method: CAO UPS GSO WALK-IN SIVC FED EX OTHER		Cooling Method: WET BLUE NONE		Packing Material:		Init.			

SR-FL-0012-00 (Rev. 01/01)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

[illegible]

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 4 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetech** Report Attention: **T. Stravanski/G. Valenzuela** Phone: **562-353-4855** FAX: **#**
Address: **5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715** E-mail: **gabriela.valenzuela@e2mt.com**

City: **Long Beach** State: **CA** Zip: **90715**
Project Information: **LAUSD-San Pedro High School** PO #: BCL Quote #:
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only

QC Request ☐ Result Request ☐ Surcharge ☐
QC Request ☒ STD ☐ Level II ☐ STD ☐ 5 Day** ☐ 2 Day** ☐ 1 Day**
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Micon**

Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CW = Chlorinated Waste Water BW = Bottled Water
RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Sample #	# Bottles	Sampled Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs
-26	1	10/01/16	1500	DUP 1A - 100116	soil				
-27	1	1500		DUP 1B - 100116	soil	HOLD	X		
-28	1	1500		DUP 1C - 100116	soil				
-29	1	1600		DUP 2A - 100116	soil				
-30	1	1600		DUP 2B - 100116	soil	HOLD	X		
-31	1	1600		DUP 2C - 100116	soil				
-32	1	1700		DUP 3A - 100116	soil				
-33	1	1700		DUP 3B - 100116	soil	HOLD	X		
-34	1	1700		DUP 3C - 100116	soil				

Relinquished by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16** Time: **0930** Received by: (Signature and Printed Name) **K. Lin** Company: **E2Managetech**
Relinquished by: (Signature and Printed Name) **K. Lin** Date: **10/31/16** Time: **1220** Received by: (Signature and Printed Name) **G. Valenzuela** Company: **E2MT**
Received for Lab by: (Signature and Printed Name) **G. Valenzuela** Date: **10/31/16** Time: **2408** Payment Received at Delivery:

Shipping Method: **CAO UPS GSO WALK-IN SVC FEDEX OTHER** Cooling Method: **WET BLUE NONE** Packing Material:
Check/Cash/Card Amount: Date: PIA # Init.

13/8
16-27779
TEMP: 10-3-16 16:30

SP-FL-0015-20 (Rev 04/04)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 5 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetechn**
Address: **5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715**
Project Information: **LAUSD-San Pedro High School**
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Milona**

Report Attention: **T. Stravaski/G. Valenzuela**
Phone #: **562-353-4855**
FAX #: **562-353-4855**
E-mail: **gabriel.valenzuela@e2mt.com**

Chain of Custody

ANALYSIS REQUESTED

Sample #	Bottles	Sampled Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs
-35	10/02/16	0736	SB 18 - SN - 00	soil					
-36	0737	SB 18 - SN - 12	soil						
-37	0739	SB 18 - SN - 24	soil						
-38	0741	SB 18 - 105 - 00	soil						
-39	0743	SB 18 - 105 - 12	soil						
-40	0744	SB 18 - 105 - 24	soil						
-41	0745	SB 18 - SE - 00	soil						
-42	0745	SB 18 - SE - 12	soil						
-43	0747	SB 18 - SE - 24	soil						
-44	0749	SB 18 - 55 - 00	soil						
-45	0751	SB 18 - 55 - 12	soil						
Relinquished by: (Signature and Printed Name) G. Valenzuela Date 10/4/16 Time 0930 Received by: (Signature and Printed Name) K. Lin Date 10/3/16 Time 1020 Company E2Managetechn Company E2MT									
Relinquished by: (Signature and Printed Name) K. Lin Date 10/3/16 Time 1020 Received by: (Signature and Printed Name) G. Valenzuela Date 10/3/16 Time 245 Company E2MT Company BC (abs)									
Received for Lab by: (Signature and Printed Name) G. Valenzuela Date 10/3/16 Time 245 Payment Received at Delivery: 10.3-16 1630 Check/Cash/Card 10.3-16 1630 PIA # 10.3-16 1630 Init. 10.3-16 1630									
Shipping Method: CAO UPS GSO WALK-IN SJVC FEDEX OTHER Cooling Method: WET BLUE NONE									

SP-FL-0012-00 (Amended)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 6 of 20

12/18

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

BC LABORATORIES

Chain of Custody

* Required Fields

Client/Company Name: E2Managetechn		Report Attention: T. Stravaski/G. Valenzuela		Phone #: 562-353-4855 FAX #: 562-353-4855		E-mail: gabriela.valenzuela@e2mt.com	
Address: 5001 Airport Plaza Dr, Suite 260 Long Beach, CA 90715		City: CA State: CA Zip: 90715		Carbon Copies: CDHS <input type="checkbox"/> Fresno Co <input type="checkbox"/> EPA <input type="checkbox"/> Merced Co <input type="checkbox"/> Tulare Co <input type="checkbox"/> Other: <input type="checkbox"/>		ANALYSIS REQUESTED	
Project Information: LAUSD-San Pedro High School		PO # BCL Quote #		Regulatory Compliance Electronic Data Transfer: Y <input type="checkbox"/> N <input type="checkbox"/>		Lead (EPA 6010)	
How would you like your completed results sent? <input type="checkbox"/> E-Mail <input type="checkbox"/> Fax <input type="checkbox"/> EDD <input type="checkbox"/> Mail Only		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**		Result Request ** Surcharge		Arsenic (EPA 6010)	
Sampler Name Printed / Signature G. Valenzuela/K. Lin/A. Mitoma		QC Request <input checked="" type="checkbox"/> STD <input type="checkbox"/> Level II <input type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> Day**		Result Request ** Surcharge		OCPs	
Matrix Types: RSW = Raw Surface Water RGW = Raw Ground Water CFW = Chlorinated Finished Water FW = Finished Water WW = Waste Water SW = Storm Water BW = Bottled Water DW = Drinking Water SO = Solid		Sample Description / Location *		Matrix *		Comments / Station Code	
Sample #	Bottles	Sampled Date	Time	Sample Description / Location *	Matrix *	Comments / Station Code	
-46	10	0752	10/02/16	SB 18 - 55 - 24	soil	HOLD	
-47	1	0748	10/02/16	SB 18 - 10N - 00	soil	HOLD	
-48	1	0749	10/02/16	SB 14 - 10N - 12	soil	HOLD	
-49	1	0750	10/02/16	SB 14 - 10N - 24	soil	HOLD	
-50	1	0752	10/02/16	SB 14 - 5N - 00	soil	HOLD	
-51	1	0754	10/02/16	SB 14 - 5N - 12	soil	HOLD	
-52	1	0756	10/02/16	SB 14 - 5N - 24	soil	HOLD	
-53	1	0758	10/02/16	SB 14 - 5E - 00	soil	HOLD	
-54	1	0759	10/02/16	SB 14 - 5E - 12	soil	HOLD	
-55	1	0801	10/02/16	SB 14 - 5E - 24	soil	HOLD	
-56	1	0755	10/02/16	SB 14 - 10S - 00	soil	HOLD	
Relinquished by: (Signature and Printed Name) G. Valenzuela		Company E2Managetechn		Date 10/16/16		Received by: (Signature and Print Name) K. Lin	
Relinquished by: (Signature and Printed Name) K. Lin		Company E2MT		Date 10/16/16		Received by: (Signature and Print Name) G. Valenzuela	
Received for Lab by: (Signature and Printed Name) G. Valenzuela		Company E2MT		Date 10/16/16		Received by: (Signature and Print Name) G. Valenzuela	
Shipping Method: CAO UPS GSO WALK-IN SVC FEDEX OTHER		Cooling Method: WET BLUE NONE		Check/Cash/Card Amount:		Packing Material:	

SR-FL-0012-00 (Rev. 10/11)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 7 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetech** Report Attention: **T. Stravaski/G. Valenzuela** Phone #: **562-353-4855** FAX #: **562-353-4855**
Address: **5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715** E-mail: **gabriela.valenzuela@e2mt.com**

City: **Long Beach** State: **CA** Zip: **90715**
Project Information: **LAUSD-San Pedro High School**
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
QC Request ☒ STD ☐ Level II ☐ Result Request ** Surcharge ☐ STD ☐ 5 Day** ☐ 2 Day** ☐ Day**

Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Milona**
Matrix Types: **RSW = Raw Surface Water** **RGW = Raw Ground Water** **CFW = Chlorinated Finished Water** **FW = Finished Water** **WW = Waste Water** **SW = Storm Water** **BW = Bottled Water** **DW = Drinking Water** **SO = Solid**

Sample #	Bottles	Sampled Date	Time	Sample Description / Location	Matrix *	Comments / Station Code
-54	1	10/02/16	07:57	SB 14-105-12	soil	NOD
-58	1	10/02/16	07:58	SB 14-105-24	soil	↓
-59	1	10/02/16	08:04	SB 14-55-00	soil	
-60	1	10/02/16	08:06	SB 14-55-12	soil	
-61	1	10/02/16	08:08	SB 14-55-24	soil	
-62	1	10/02/16	15:00	PUP4A-100216	soil	
-63	1	10/02/16	15:00	PUP4B-100216	soil	
-64	1	10/02/16	15:00	PUP4C-100216	soil	
-65	1	10/02/16	08:43	SB 9-5W-00	soil	
-66	1	10/02/16	08:49	SB 9-5W-12	soil	
-67	1	10/02/16	08:54	SB 9-5W-24	soil	

Relinquished by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16/16** Time: **09:30** Company: **E2Managetech**
Relinquished by: (Signature and Printed Name) **K. Lin** Date: **10/16/16** Time: **12:20** Company: **E2MT**

Received for Lab by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16/16** Time: **12:20** Company: **E2MT**

Shipping Method: **CAO UPS GSO WALK-IN SVC FEDEX OTHER** Packing Material: **WET BLUE NONE**

10-3-16 1630 10-3-16 10:30

Chain of Custody

ANALYSIS REQUESTED

Lead (EPA 6010) Arsenic (EPA 6010) OCPs

SR-FL-0012-00 (Amended)



BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 8 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

* Required Fields

Client/Company Name: **E2Managetechn**
Report Attention: **T. Stravaski/G. Valenzuela**
City: **Long Beach** State: **CA** Zip: **90715**
Address: **5001 Airport Plaza Dr, Suite 260**
Project Information: **LAUSD-San Pedro High School**
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Miloma**
QC Request ☒ STD ☐ Level II ☒ STD ☐ 5 Day** ☐ 2 Day**
Result Request ** Surcharge
Carbon Copies: ☐ CDHS ☐ Fresno Co ☐ EPA ☐ Merced Co ☐ Tulare Co ☐ Other:
Regulatory Compliance Electronic Data Transfer: ☐ Y ☐ N

Chain of Custody

ANALYSIS REQUESTED

Matrix Types: **RSW = Raw Surface Water** **CFW = Chlorinated Finished Water** **FW = Finished Water** **WW = Waste Water** **SW = Storm Water** **DW = Drinking Water** **SO = Solid**
Matrix: **Lead (EPA 6010)** **Arsenic (EPA 6010)** **OCPs**
Comments / Station Code

Sample #	Bottles	Sampled Date	Time	Sample Description / Location	Matrix	Comments / Station Code
68-01	1	08/16	08:30	SB 9 - 5N - 00	soil	
69-02	1	08/16	08:40	SB 9 - 5N - 12	soil	1000
70-03	1	08/16	08:42	SB 9 - 5N - 24	soil	
71-04	1	08/16	08:47	SB 9 - 10E - 00	soil	
72-05	1	08/16	08:49	SB 9 - 10E - 12	soil	
73-06	1	08/16	08:51	SB 9 - 10E - 24	soil	
74-07	1	08/16	08:58	SB 9 - 5E - 00	soil	
75-08	1	08/16	08:59	SB 9 - 5E - 12	soil	1000
76-09	1	09/00	SB 9 - 5E - 24	soil		
77-10	1	09/00	SB 47-5W - 00	soil		
78-11	1	09/02	SB 47-5W - 12	soil		

Relinquished by: (Signature and Printed Name) **G. Valenzuela** Date: **10/16/16** Time: **09:30** Company: **E2Managetechn**
Received by: (Signature and Printed Name) **K. Lin** Date: **10/16/16** Time: **10:20** Company: **E2MT**
Payment Received/Delivery: **10/16/16** Date: **10/16/16** Amount: **10-3-16** 1630
Check/Cash/Card PIA # Init.

Shipping Method: **CAO UPS GSO WALK-IN SVC FEDEX OTHER** Cooling Method: **WET BLUE NONE**

10-3-16 1630 10-3-16 1630

SP-FL-0012-00 (Rev 02/01)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 9 of 20

BC LABORATORIES

4100 Atlas Court Bakersfield, Ca. 93308
(661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

Chain of Custody

* Required Fields

Client/Company Name: **E2Managetech** Report Attention: **T. Stravasilnik/G. Valenzuela** Phone #: **562-353-4855** FAX #: **562-353-4855**
Address: **5001 Airport Plaza Dr, Suite 260 Long Beach CA 90715** E-mail: **gabriela.valenzuela@e2mt.com**

City: **Long Beach** State: **CA** Zip: **90715** Carbon Copies: ☐ CDHS ☐ Fresno Co ☐ EPA ☐
Project Information: **LAUSD-San Pedro High School** PO #: **90715** Merced Co ☐ Tulare Co ☐
How would you like your completed results sent? ☐ E-Mail ☐ Fax ☐ EDD ☐ Mail Only
Sampler Name Printed / Signature: **G. Valenzuela/K. Lin/A. Milona** Result Request: ☒ STD ☐ Level II ☐ Day** ☐ Day**

QC Request: ☒ STD ☐ Level II ☐ Day** ☐ Day**
Regulatory Compliance Electronic Data Transfer: System No. * ☐ Y ☐ N

Matrix Types: RSW = Raw Surface Water CFW = Chlorinated Finished Water CWV = Chlorinated Waste Water BW = Bottled Water
RGW = Raw Ground Water FW = Finished Water WW = Waste Water SW = Storm Water DW = Drinking Water SO = Solid

Sample #	#	Boles	Sampled Date	Time	Sample Description / Location	Matrix *	Comments / Station Code	Lead (EPA 6010)	Arsenic (EPA 6010)	OCPs
-79	-12	0951	10/02/16	0951	SB 47-55-06	soil				
-80	-12	0954	10/02/16	0954	SB 47-55-12	soil	NOID			
-81	-12	0948	10/02/16	0948	SB 47-55-06	soil				
-82	-15	0950	10/02/16	0950	SB 47-55-12	soil	NOID			
-83	-16	1600	10/02/16	1600	SB UPSA-100216	soil				
-84	-16	1600	10/02/16	1600	SB UPSB-100216	soil				
-85	-16	0958	10/02/16	0958	SB 47-55-24	soil				
-86	-16	1051	10/02/16	1051	SB	soil				
-87	-16	1051	10/02/16	1051	SB	soil				
-88	-16	1051	10/02/16	1051	SB	soil				
-89	-16	1051	10/02/16	1051	SB	soil				

Relinquished by: (Signature and Printed Name) **G. Valenzuela** Date: **10/3/16** Time: **0930** Received by: (Signature and Printed Name) **K. Lin** Date: **10/3/16** Time: **1220**
Relinquished by: (Signature and Printed Name) **K. Lin** Date: **10/3/16** Time: **1220** Received by: (Signature and Printed Name) **BC Labs** Date: **10/3/16** Time: **2410**
Received for Lab by: (Signature and Printed Name) **G. Valenzuela** Date: **10/3/16** Time: **2410** Payment Received at Delivery: **Yes**

Shipping Method: **CAO UPS GSO WALK-IN SVC FED EX OTHER** Cooling Method: **WET BLUE NONE** Packing Material: **Init.**

10-3-16 1630 10-3-16 14:30

SP-FL-0012-00 (American)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 10 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 10 of 11							
Submission #: 16-27779											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W / S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-31-16							
		Temperature: (A) 1.2 °C / (C) 1.4 °C		Analyst Init: [Signature] 10:30							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: [Signature]

Date/Time: 10/31/16 1230

Rev 21 05/23/2016

A - Actual / C - Corrected

1627779-10-31-16-1230-16

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 11 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>2</u> Of <u>11</u>							
Submission #: <u>16-27779</u>											
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID						
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>			Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>						
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			Other <input type="checkbox"/> (Specify) _____		W <input checked="" type="checkbox"/> S <input type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals Ice Chest <input checked="" type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received		Emissivity: <u>95</u>	Container: <u>C91453</u>	Thermometer ID: <u>208</u>	Date/Time: <u>10-31-14</u>						
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Temperature: (A) <u>1.2</u> °C / (C) <u>1.4</u> °C		Analyst Init <u>SD</u> <u>16:30</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	20
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ¹⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CAF

Date/Time: 10/5/16

1230

Rev 21 05/23/2016

A = Actual / C = Corrected

(C:\WPDoc\WordPerfect\B\AR\DOC\FORMS\SAMREC rev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 3 of 11						
Submission #: 16-27779										
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service: <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____										
Custody Seals Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 95 Container: C9155 Thermometer ID: 208 Temperature: (A) 1.2 °C (C) 1.4 °C		Date/Time 10-3-16 Analyst Init [Signature]						
SAMPLE CONTAINERS	SAMPLE NUMBERS									
	21	22	23	24	25	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ¹⁴										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:
Sample Numbering Completed By: CRA
A - Actual / C - Corrected

Date/Time: 10/5/16 1230
Rev 21 05/23/2016
(CAUTION: Word Perfect! All DOCS FORMS ARE REPRODUCED)



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 13 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 4 Of 11							
Submission #: 16-27779											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input type="checkbox"/> W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 95 Container: Glass Thermometer ID: 208		Date/Time: 10-31-16							
Temperature: (A) 2.7 °C / (C) 2.9 °C		Analyst Init: [Signature]									
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		26	27	28	32	33	34	86	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A			
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: received an extra sample not listed on coc SB-11-55-24 @ 1148 on 10/1/16 placed as 86
Sample Numbering Completed By: CBA Date/Time: 10/5/16 1230 Rev 21 05/23/2016
A - Actual L - Corrected



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 14 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 5 Of 11							
Submission #: 16-27779											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		Emissivity: 95 Container: Glass Thermometer ID: 208 Temperature: (A) 2.1 °C / (C) 2.3 °C		Date/Time: 10/3/16 Analyst Init: JLS 16:30							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		29	30	31	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE/NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A							
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CBA

Date/Time: 10/5/16 1230

Rev 21 05/23/2016

A - Actual / C - Corrected

ICAWPDocWordPerfect AR DOCIFORMSISAMRCP Rev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 15 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 6 Of 11							
Submission #: 16-27779											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 99 Container: Glass Thermometer ID: 208		Date/Time: 10.3.16							
		Temperature: (A) 2.0 °C / (C) 2.2 °C		Analyst Init: A 16:30							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		35	36	37	38	39	40	41	42	43	44
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: ODA

Date/Time:

10/5/16

1230

Rev 21 05/23/2016

(C:\WP\Doc\Word\Default AR\DOC\FORMS\SAMREC Form 201



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 16 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>7</u> of <u>11</u>							
Submission #: <u>16-27779</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>99</u> Container: <u>Calass</u> Thermometer ID: <u>208</u>		Date/Time: <u>10.3.16</u>							
		Temperature: (A) <u>2.0</u> °C / (C) <u>2.2</u> °C		Analyst Init: <u>16:30</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>45</u>	<u>46</u>	<u>47</u>	<u>48</u>	<u>49</u>	<u>50</u>	<u>51</u>	<u>52</u>	<u>53</u>	<u>54</u>
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CAA

Date/Time: 10/5/16 1230

Rev 21 05/23/2016

IS-1627779-01 Word Perfect 11 OR DOCX FORMS\SAMREC Rev 201

Chain of Custody and Cooler Receipt Form for 1627779 Page 17 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>8</u> Of <u>11</u>							
Submission #: <u>16-27779</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____			SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>						
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>99</u> Container: <u>Class</u> Thermometer ID: <u>208</u>		Date/Time: <u>6.3.16</u>							
		Temperature: (A) <u>2.0</u> °C / (C) <u>2.2</u> °C		Analyst Init: <u>16:30</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>55</u>	<u>56</u>	<u>57</u>	<u>58</u>	<u>59</u>	<u>60</u>	<u>61</u>	<u>62</u>	<u>63</u>	<u>64</u>
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR											
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____ Date/Time: 10/5/16 1230 Rev 21 05/23/2016
 Sample Numbering Completed By: CBA
 A = Actual / C = Corrected



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 18 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>9</u> Of <u>11</u>							
Submission #: <u>16-27779</u>											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>99</u> Container: <u>Class</u> Thermometer ID: <u>208</u> Temperature: (A) <u>2.0</u> °C / (C) <u>2.2</u> °C		Date/Time: <u>10/5/16</u> Analyst Init: <u>AS</u>							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		<u>65</u>	<u>66</u>	<u>67</u>	<u>68</u>	<u>69</u>	<u>70</u>	<u>71</u>	<u>72</u>	<u>73</u>	<u>74</u>
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶⁺											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PiA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments:

Sample Numbering Completed By: CA

Date/Time: 10/5/16 1230

Rev 21 05/23/2016

A - Actual / C - Corrected

15AWPDocWordPerfect AR DECIFORMSISAMRRev 201

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 19 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 10 of 11							
Submission #: 16-27779											
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____ Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 99 Container: Glass Thermometer ID: 208		Date/Time: 10.3.16							
		Temperature: (A) 2.0 °C / (C) 2.2 °C		Analyst Init: [Signature]							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		75	76	77	78	79	80	81	82	83	84
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁴⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz. NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PIA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
40ml EPA 547											
40ml EPA 531.1											
8oz EPA 548											
QT EPA 549											
QT EPA 8015M											
QT EPA 8270											
8oz / 16oz / 32oz AMBER											
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE											
PCB VIAL											
PLASTIC BAG											
TEDLAR BAG											
FERROUS IRON											
ENCORE											
SMART KIT											
SUMMA CANISTER											

Comments: _____ Date/Time: 1230 10/5/16 Rev 21 05/23/2016
Sample Numbering Completed By: [Signature] *
A - Actual / C - Corrected (C:\WPDoc\WordPerfect\BC\BCCSFORMS\SAMRECrev 201



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1627779 Page 20 of 20

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page <u>11</u> Of <u>11</u>
Submission #: <u>16-27779</u>				
SHIPPING INFORMATION Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/> BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		SHIPPING CONTAINER Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		FREE LIQUID YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> W <input type="checkbox"/> S <input checked="" type="checkbox"/>
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____				
Custody Seals: Ice Chest <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input type="checkbox"/> Comments: _____ Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: <u>99</u> Container: <u>Glass</u> Thermometer ID: <u>208</u> Date/Time: <u>10.3.16</u> Temperature: (A) <u>2.0</u> °C / (C) <u>2.2</u> °C Analyst Init: <u>16:30</u>		

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	85	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr ⁶										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments: _____ Date/Time: 10/5/16 1230 Rev 21 05/23/2016
Sample Numbering Completed By: COA
A = Actual L = Corrected

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-01	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-02	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:33
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-03	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-04	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-05	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:43
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-06	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-07	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:29
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-08	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-09	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-10	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-11	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-12	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 13:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-13	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-14	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-15	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:07
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-16	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:09
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-17	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-18	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-19	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:18
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-20	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-21	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:03
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-22	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-23	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:11
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-24	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-25	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 14:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB17-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-26	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP1A-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-27	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP1B-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-28	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP1C-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-29	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 16:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP2A-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-30	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 16:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP2B-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-31	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 16:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP2C-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-32	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 17:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP3A-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-33	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 17:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP3B-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-34	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 17:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP3C-100116	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-35	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-36	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:37
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-37	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-38	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-39	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:43
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-40	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:44
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-41	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-42	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-43	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-44	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-45	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-46	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB18-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-47	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:48
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-10N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-48	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-10N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-49	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-10N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-50	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-51	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-52	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:56
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-53	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-54	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-55	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:01
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-56	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-10S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
 5001 Airport Plaza Drive, Suite 260
 Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-57	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:57
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-10S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-58	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 07:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-10S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-59	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:04
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-60	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:06
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-61	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB14-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-62	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP4A-100216	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-63	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP4B-100216	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-64	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 15:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP4C-100216	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-65	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:43
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-66	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-67	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5W-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-68	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:38
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-69	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-70	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:42
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-71	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:47
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-10E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-72	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-10E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-73	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-10E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-74	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-75	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 08:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-76	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB9-5E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-77	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:49
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5W-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-78	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:52
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5W-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-79	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:51
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-80	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:54
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-81	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:48
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-82	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-83	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 16:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP5A-100216	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-84	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 16:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	DUP5B-100216	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1627779-85	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/02/2016 09:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB47-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1627779-86	COC Number:	---	Receive Date:	10/03/2016 16:30
	Project Number:	---	Sampling Date:	10/01/2016 11:48
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB11-5S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-01	Client Sample Name:	SB19-5W-00, 10/1/2016 1:45:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	1.0	0.40	EPA-6010B	500		1
Lead	22	mg/kg	5.0	0.56	EPA-6010B	1000	A07	2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/19/16	10/20/16 11:15	JCC	PE-OP3	1	BZJ1818
2	EPA-6010B	10/10/16	10/12/16 11:37	JCC	PE-OP3	1.980	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-02	Client Sample Name:	SB19-5E-00, 10/1/2016 1:33:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 12:06	JCC	PE-OP3	1.905	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-03	Client Sample Name:	SB19-5E-12, 10/1/2016 1:35:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:23	JCC	PE-OP3	1.942	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-05	Client Sample Name:	SB19-5S-00, 10/1/2016 1:43:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	ND	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:38	JCC	PE-OP3	1.887	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-17	Client Sample Name:	SB17-5W-00, 10/1/2016 2:12:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	40	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 12:49	JCC	PE-OP3	0.980	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-20	Client Sample Name:	SB17-5E-00, 10/1/2016 2:01:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	5.6	mg/kg	5.0	0.56	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:24	JCC	PE-OP3	1.818	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-23	Client Sample Name:	SB17-5N-00, 10/1/2016 2:11:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	17	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 13:14	JCC	PE-OP3	0.990	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-26	Client Sample Name:	DUP1A-100116, 10/1/2016 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	2.5	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 12:07	JCC	PE-OP3	1.887	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-29	Client Sample Name:	DUP2A-100116, 10/1/2016 4:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:40	JCC	PE-OP3	1.869	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-32	Client Sample Name:	DUP3A-100116, 10/1/2016 5:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:45	JCC	PE-OP3	4.630	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-35	Client Sample Name:	SB18-5N-00, 10/2/2016 7:36:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.9	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:47	JCC	PE-OP3	1.942	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-41	Client Sample Name:	SB18-5E-00, 10/2/2016 7:42:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	18	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:48	JCC	PE-OP3	1.961	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID: 1627779-42		Client Sample Name: SB18-5E-12, 10/2/2016 7:45:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.3	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 13:15	JCC	PE-OP3	0.980	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-44	Client Sample Name:	SB18-5S-00, 10/2/2016 7:49:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.7	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 12:09	JCC	PE-OP3	1.905	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-50	Client Sample Name:	SB14-5N-00, 10/2/2016 7:52:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:50	JCC	PE-OP3	1.923	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-53	Client Sample Name:	SB14-5E-00, 10/2/2016 7:58:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:51	JCC	PE-OP3	1.852	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-59	Client Sample Name:	SB14-5S-00, 10/2/2016 8:04:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:53	JCC	PE-OP3	1.923	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-62	Client Sample Name:	DUP4A-100216, 10/2/2016 3:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:54	JCC	PE-OP3	1.942	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-65	Client Sample Name:	SB9-5W-00, 10/2/2016 8:43:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.5	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	44	mg/kg	2.5	0.28	EPA-6010B	1000		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:55	JCC	PE-OP3	1.869	BZJ0744
2	EPA-6010B	11/17/16	11/18/16 13:17	JCC	PE-OP3	0.917	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-68	Client Sample Name:	SB9-5N-00, 10/2/2016 8:38:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	28	mg/kg	2.5	0.28	EPA-6010B	1000		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 11:57	JCC	PE-OP3	1.887	BZJ0744
2	EPA-6010B	11/17/16	11/18/16 13:18	JCC	PE-OP3	0.909	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLIC)

BCL Sample ID:	1627779-74	Client Sample Name:	SB9-5E-00, 10/2/2016 8:58:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	2.0	0.80	EPA-6010B	500	A07	1
Lead	31	mg/kg	2.5	0.28	EPA-6010B	1000		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 12:02	JCC	PE-OP3	1.942	BZJ0744
2	EPA-6010B	11/17/16	11/18/16 13:20	JCC	PE-OP3	0.909	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-77	Client Sample Name:	SB47-5W-00, 10/2/2016 9:49:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.5	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 12:03	JCC	PE-OP3	1.869	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-79	Client Sample Name:	SB47-5S-00, 10/2/2016 9:51:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	20	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/12/16 12:05	JCC	PE-OP3	1.942	BZJ0744

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-80	Client Sample Name:	SB47-5S-12, 10/2/2016 9:54:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:25	JCC	PE-OP3	4.902	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-81	Client Sample Name:	SB47-5E-00, 10/2/2016 9:48:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/11/16 09:45	JCC	PE-OP3	1	BZJ0776

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-82	Client Sample Name:	SB47-5E-12, 10/2/2016 9:50:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	12	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:27	JCC	PE-OP3	1.980	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-83	Client Sample Name:	DUP5A-100216, 10/2/2016 4:00:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.5	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	10/10/16	10/11/16 10:10	JCC	PE-OP3	0.962	BZJ0776

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-85	Client Sample Name:	SB47-5S-24, 10/2/2016 9:58:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	9.5	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	12/21/16	12/22/16 11:42	JCC	PE-OP3	1.980	BZL1781

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1627779-86	Client Sample Name:	SB11-5S-24, 10/1/2016 11:48:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	16	mg/kg	2.0	0.80	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	11/17/16	11/18/16 15:28	JCC	PE-OP3	1.923	BZK1737

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZJ0744						
Arsenic	BZJ0744-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZJ0744-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZJ0776						
Arsenic	BZJ0776-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZJ1818						
Arsenic	BZJ1818-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: BZK1737						
Arsenic	BZK1737-BLK1	ND	mg/kg	1.0	0.40	
Lead	BZK1737-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: BZL1781						
Arsenic	BZL1781-BLK1	ND	mg/kg	1.0	0.40	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZJ0744										
Arsenic	BZJ0744-BS1	LCS	9.0063	10.000	mg/kg	90.1		75 - 125		
Lead	BZJ0744-BS1	LCS	100.86	100.00	mg/kg	101		75 - 125		
QC Batch ID: BZJ0776										
Arsenic	BZJ0776-BS1	LCS	9.5685	10.000	mg/kg	95.7		75 - 125		
QC Batch ID: BZJ1818										
Arsenic	BZJ1818-BS1	LCS	8.5683	10.000	mg/kg	85.7		75 - 125		
QC Batch ID: BZK1737										
Arsenic	BZK1737-BS1	LCS	9.1360	10.000	mg/kg	91.4		75 - 125		
Lead	BZK1737-BS1	LCS	94.075	100.00	mg/kg	94.1		75 - 125		
QC Batch ID: BZL1781										
Arsenic	BZL1781-BS1	LCS	10.653	10.000	mg/kg	107		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetechn
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BZJ0744		Used client sample: Y - Description: SB15-5S-00, 10/01/2016 12:11									
Arsenic	DUP	1627778-88	11.883	10.712		mg/kg	10.4		20		
	MS	1627778-88	11.883	19.313	10.000	mg/kg		74.3		75 - 125	Q03
	MSD	1627778-88	11.883	19.654	10.000	mg/kg	1.8	77.7	20	75 - 125	
Lead	DUP	1627778-88	14.015	21.290		mg/kg	41.2		20		Q01
	MS	1627778-88	14.015	94.781	100.00	mg/kg		80.8		75 - 125	
	MSD	1627778-88	14.015	90.187	100.00	mg/kg	5.0	76.2	20	75 - 125	
QC Batch ID: BZJ0776		Used client sample: Y - Description: SB47-5E-00, 10/02/2016 09:48									
Arsenic	DUP	1627779-81	15.797	18.179		mg/kg	14.0		20		
	MS	1627779-81	15.797	25.827	10.000	mg/kg		100		75 - 125	
	MSD	1627779-81	15.797	26.956	10.000	mg/kg	4.3	112	20	75 - 125	
QC Batch ID: BZJ1818		Used client sample: Y - Description: SB19-5W-00, 10/01/2016 13:45									
Arsenic	DUP	1627779-01RE1	12.286	10.718		mg/kg	13.6		20		
	MS	1627779-01RE1	12.286	21.885	10.000	mg/kg		96.0		75 - 125	
	MSD	1627779-01RE1	12.286	19.202	10.000	mg/kg	13.1	69.2	20	75 - 125	Q03
QC Batch ID: BZK1737		Used client sample: Y - Description: SB4-5E-24, 09/25/2016 12:23									
Arsenic	DUP	1627024-85	20.002	11.095		mg/kg	57.3		20		Q01
	MS	1627024-85	20.002	22.327	10.000	mg/kg		23.2		75 - 125	Q03
	MSD	1627024-85	20.002	17.254	10.000	mg/kg	25.6	-27.5	20	75 - 125	Q03
Lead	DUP	1627024-85	3.9623	3.9138		mg/kg	1.2		20		J
	MS	1627024-85	3.9623	88.413	100.00	mg/kg		84.5		75 - 125	
	MSD	1627024-85	3.9623	90.486	100.00	mg/kg	2.3	86.5	20	75 - 125	
QC Batch ID: BZL1781		Used client sample: N									
Arsenic	DUP	1634749-01	ND	ND		mg/kg			20		
	MS	1634749-01	ND	10.360	10.000	mg/kg		104		75 - 125	
	MSD	1634749-01	ND	10.090	10.000	mg/kg	2.6	101	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

E2 Managetech
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Reported: 12/23/2016 7:45
Project: LAUSD - San Pedro HS
Project Number: [none]
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Date of Report: 04/06/2017

Travis Stravasnik

ENSAFE

12396 World Trade Drive Suite 316
San Diego, CA 92128

Client Project: [none]
BCL Project: LAUSD: San Pedro High School
BCL Work Order: 1707927
Invoice ID: B263793

Enclosed are the results of analyses for samples received by the laboratory on 3/27/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Tina Green
Client Services Manager



Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	4
Laboratory / Client Sample Cross Reference.....	11

Sample Results

1707927-01 - SB26-35N-00	
Total Concentrations (TTLC).....	16
1707927-02 - SB26-35N-12	
Total Concentrations (TTLC).....	17
1707927-03 - SB26-35N-24	
Total Concentrations (TTLC).....	18
1707927-04 - SB26-25N-00	
Total Concentrations (TTLC).....	19
1707927-05 - SB26-25N-12	
Total Concentrations (TTLC).....	20
1707927-06 - SB26-25N-24	
Total Concentrations (TTLC).....	21
1707927-07 - SB26-15N-00	
Total Concentrations (TTLC).....	22
1707927-08 - SB26-15N-12	
Total Concentrations (TTLC).....	23
1707927-09 - SB26-15N-24	
Total Concentrations (TTLC).....	24
1707927-10 - SB34-15S-00	
Total Concentrations (TTLC).....	25
1707927-11 - SB34-15S-12	
Total Concentrations (TTLC).....	26
1707927-12 - SB34-15S-24	
Total Concentrations (TTLC).....	27
1707927-13 - SB19-20E-00	
Total Concentrations (TTLC).....	28
1707927-14 - SB19-20E-12	
Total Concentrations (TTLC).....	29
1707927-15 - SB19-20E-24	
Total Concentrations (TTLC).....	30
1707927-16 - SB19-15E-00	
Total Concentrations (TTLC).....	31
1707927-17 - SB19-15E-12	
Total Concentrations (TTLC).....	32
1707927-18 - SB19-15E-24	
Total Concentrations (TTLC).....	33
1707927-19 - SB6-15E-00	
Total Concentrations (TTLC).....	34
1707927-20 - SB6-15E-12	
Total Concentrations (TTLC).....	35
1707927-21 - SB6-15E-24	
Total Concentrations (TTLC).....	36
1707927-22 - SB6-20E-00	
Total Concentrations (TTLC).....	37
1707927-23 - SB6-20E-12	
Total Concentrations (TTLC).....	38
1707927-24 - SB41-15E-00	
Total Concentrations (TTLC).....	39
1707927-25 - SB41-15E-12	
Total Concentrations (TTLC).....	40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Table of Contents

1707927-26 - SB41-15E-24	
Total Concentrations (TTLC).....	41
1707927-27 - SB41-20E-00	
Total Concentrations (TTLC).....	42
1707927-28 - SB41-20E-12	
Total Concentrations (TTLC).....	43
1707927-29 - SB41-20E-24	
Total Concentrations (TTLC).....	44
1707927-30 - D32517-DUP1	
Total Concentrations (TTLC).....	45
1707927-31 - D32517-DUP2	
Total Concentrations (TTLC).....	46
1707927-32 - D32517-DUP3	
Total Concentrations (TTLC).....	47
1707927-33 - D32517-DUP4	
Total Concentrations (TTLC).....	48
Quality Control Reports	
Total Concentrations (TTLC)	
Method Blank Analysis.....	49
Laboratory Control Sample.....	50
Precision and Accuracy.....	51
Notes	
Notes and Definitions.....	52

Chain of Custody and Cooler Receipt Form for 1707927 Page 1 of 7

Page 1 of 3

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY					
Project Information		Sample Matrix		Analysis Requested					
Client: ENSAFE	Phone: office: 562-740-1060	Water	Lead - EPA Method 6010B	Organochlorine Pesticides - EPA Method 8081	Polychlorinated Biphenyls - EPA Method 8082				
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815	Project: LAUSD San Pedro HS	Soil	Arsenic - EPA Method 6010B	TPH (gas, diesel, oil) - EPA Method 8015	VOCs - EPA Method 8260B				
Attn: Travis Stravassnik (tstravassnik@ensafe.com)	Project #: 16-201-005				CAM 22/T22 Metals				
Sampler(s): KEVIN LIN	PO#								
Comments: Normal Turnaround Time									
Lab#	Sample ID	Date & Time Sampled	Soil	Lead - EPA Method 6010B	Organochlorine Pesticides - EPA Method 8081	Polychlorinated Biphenyls - EPA Method 8082	TPH (gas, diesel, oil) - EPA Method 8015	VOCs - EPA Method 8260B	CAM 22/T22 Metals
- 1	SB 26-35N-00	3/25/2017 0750	X						
- 2	SB 26-35N-12	3/25/2017 0757		X					
- 3	SB 26-35N-24	3/25/2017 0802		X					
- 4	SB 26-25N-00	3/25/2017 0808		X					
- 5	SB 26-25N-12	3/25/2017 0813		X					
- 6	SB 26-25N-24	3/25/2017 0817		X					
- 7	SB 26-15N-00	3/25/2017 0825		X					
- 8	SB 26-15N-12	3/25/2017 0830		X					
- 9	SB 26-15N-24	3/25/2017 0836		X					
- 10	SB 34-15S-00	3/25/2017 0902							
- 11	SB 34-15S-12	3/25/2017 0905		X					
- 12	SB 34-15S-24	3/25/2017 0910		X					
Relinquished By:	Received By:	3/27/17 11A							
Relinquished By:	Received By:	3/27/17 1745							
Relinquished By:	Received By:	3/27/17 1915							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1707927 Page 2 of 7

Page 2 of 3

BC LABORATORIES, INC.		4100 Atlas Court, Bakersfield, CA 93308 Phone (661) 327-4911 FAX (661) 327-1918		CHAIN OF CUSTODY	
Project Information		Sample Matrix	Analysis Requested		
Name: ENSAFE		Soil	Lead - EPA Method 6010B	Organochlorine Pesticides - EPA Method 8081	Polychlorinated Biphenyls - EPA Method 8082
Address: 5001 Airport Plaza Dr, # 260, Long Beach, CA 90815		Water	Arsenic - EPA Method 6010B	TPH (gas, diesel, oil) - EPA Method 8015	VOCs - EPA Method 8260B
Phone: office: 562-740-1060				CAM 22/T22 Metals	
Project: LAUSD San Pedro HS					
Project #: 16-201-005					
PO#					
Sampler(s): KEVIN LIN					
Comments: Normal Turnaround Time					
Lab#	Sample ID	Date & Time Sampled			
13	SB19-20E-00	3/25/2017 0924	X		
14	SB19-20E-12	3/25/2017 0928			
15	SB19-20E-24	3/25/2017 0931			
16	SB19-15E-00	3/25/2017 0939			
17	SB19-15E-12	3/25/2017 0941			
18	SB19-15E-24	3/25/2017 0945			
19	SB6-15E-00	3/25/2017 0955			
20	SB6-15E-12	3/25/2017 1000			
21	SB6-15E-24	3/25/2017 1005			
22	SB6-20E-00	3/25/2017 1023			
23	SB6-20E-12	3/25/2017 1028			
24	SB41-15E-00	3/25/2017 1055			
Relinquished By:	Received By:				
Relinquished By:	Received By:				
Relinquished By:	Received By:				

Date and Time: 3/27/17 11
Date and Time: 3/27/17 1745
Date and Time: 3/27/17 1915

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Page 6 of 52



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1707927 Page 4 of 7

3C LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 Of 84							
Submission #: 17-07927				JML 327							
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
3C Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input type="checkbox"/> No <input type="checkbox"/>											
COC Received		Emissivity: 0.90		Date/Time: 3/27/15							
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Container: CAP Glass		Thermometer ID: 008							
		Temperature: (A) 0.6 °C / (C) 0.5 °C		Analyst Init: M							
		SAMPLE NUMBERS.									
SAMPLE CONTAINERS											
T PE UNPRES											
2 / 8oz / 16oz PE UNPRES											
2 Cr ¹⁶											
T INORGANIC CHEMICAL METALS											
I ORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
C CYANIDE											
C NITROGEN FORMS											
C TOTAL SULFIDE											
2. NITRATE / NITRITE											
C TOTAL ORGANIC CARBON											
C CHEMICAL OXYGEN DEMAND											
A PHENOLICS											
ml VOA VIAL TRAVEL BLANK											
ml VOA VIAL											
C EPA 1664											
C ODOR											
C BIOLOGICAL											
C TERIOLOGICAL											
ml VOA VIAL- 504											
C EPA 508/608/8080											
C EPA 515.1/8150											
C EPA 525											
C EPA 525 TRAVEL BLANK											
ml EPA 547											
ml EPA 531.1											
C EPA 548											
C EPA 549											
C EPA 8015M											
C EPA 8270											
2 / 16oz / 32oz AMBER											
2 / 16oz / 32oz JAR		A A A A A A A A A A									
IL SLEEVE											
B VIAL											
ASTIC BAG											
DLAR BAG											
RROUS IRON											
CORE											
IART KIT											
MMA CANISTER											
Comments:		JML									
Sample Numbering Completed By:		Date/Time: 3-28-17 0920									
= Actual / C = Corrected		Rev 21 05/23/2016									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1707927 Page 5 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 2 Of 3							
Submission #: 17-07927				3287							
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W <input checked="" type="checkbox"/> S <input type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.90 Containe: CR Glass Thermometer ID: 008		Date/Time: 3/27/15							
		Temperature: (A) 0.6 °C / (C) 0.5 °C		Analyst Init: M							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
T PE UNPRES											
1/2 / 8oz / 16oz PE UNPRES											
1/2 Cr ⁶⁺											
T INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
T CYANIDE											
T NITROGEN FORMS											
T TOTAL SULFIDE											
Z NITRATE / NITRITE											
T TOTAL ORGANIC CARBON											
T CHEMICAL OXYGEN DEMAND											
A PHENOLICS											
ml VOA VIAL TRAVEL BLANK											
ml VOA VIAL											
T EPA 1664											
T ODOR											
ADIOLOGICAL											
CTERIOLOGICAL											
ml VOA VIAL- 504											
T EPA 508/608/8080											
T EPA 515.1/8150											
T EPA 525											
T EPA 525 TRAVEL BLANK											
ml EPA 547											
ml EPA 531.1											
Z EPA 548											
T EPA 549											
T EPA 8015M											
T EPA 8270											
Z 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
Z 16oz / 32oz JAR											
ML SLEEVE											
B VIAL											
ASTIC BAG											
DLAR BAG											
RROUS IRON											
CORE											
IART KIT											
MMA CANISTER											
Comments: _____		Date/Time: 3-28-17									
Sample Numbering Completed By: JML		Rev 21 05/23/2016									
= Actual / C = Corrected		[S:\WPDoc\WordPerfect\LAB_DOC\SYSTEMS\SAMRECrev 20]									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1707927 Page 6 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 3 of 24							
Submission #: 17-07907				70-32812							
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input checked="" type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Intact? Yes <input type="checkbox"/> No <input type="checkbox"/>									
All samples received? Yes <input type="checkbox"/> No <input type="checkbox"/>		All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/>		Description(s) match COC? Yes <input type="checkbox"/> No <input type="checkbox"/>							
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.90 Containe: CIP Glass Thermometer ID: 008		Date/Time: 3/27/1915							
		Temperature: (A) 0.6 °C / (C) 0.5 °C		Analyst Init: M							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	30+*
YT PE UNPRES											
oz / 8oz / 16oz PE UNPRES											
oz Cr ⁶											
YT INORGANIC CHEMICAL METALS											
NORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
T CYANIDE											
T NITROGEN FORMS											
T TOTAL SULFIDE											
oz. NITRATE / NITRITE											
T TOTAL ORGANIC CARBON											
T CHEMICAL OXYGEN DEMAND											
TA PHENOLICS											
0ml VOA VIAL TRAVEL BLANK											
0ml VOA VIAL											
YT EPA 1664											
T ODOR											
ADIOLOGICAL											
ACTERIOLOGICAL											
0 ml VOA VIAL- 504											
YT EPA 508/608/8080											
YT EPA 515.1/8150											
YT EPA 525											
YT EPA 525 TRAVEL BLANK											
0ml EPA 547											
0ml EPA 531.1											
oz EPA 548											
YT EPA 549											
YT EPA 8015M											
YT EPA 8270											
oz / 16oz / 32oz AMBER		A	A	A	A	A	A	A	A	A	A
oz / 16oz / 32oz JAR											
OIL SLEEVE											
CB VIAL											
LASTIC BAG											
EDLAR BAG											
ERROUS IRON											
SCORE											
SMART KIT											
SUMMA CANISTER											
omments:		JPL									
ample Numbering Completed By:		Date/Time: 3-28-17									
= Actual / C = Corrected		0410 Rev 21 05/23/2016									
		[S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMRECrev 201									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Laboratories, Inc.

Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1707927 Page 7 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 43 of 54							
Submission #: 17-07927				100 327 17							
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID							
Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Ontrac <input type="checkbox"/> Hand Delivery <input type="checkbox"/>		Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/> Box <input type="checkbox"/>		YES <input type="checkbox"/> NO <input type="checkbox"/>							
BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____		Other <input type="checkbox"/> (Specify) _____		W / S <input checked="" type="checkbox"/>							
Refrigerant: Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> Other <input type="checkbox"/> Comments: _____											
Custody Seals: Ice Chest <input type="checkbox"/> Containers <input type="checkbox"/> None <input checked="" type="checkbox"/> Comments: _____											
All samples received? Yes <input type="checkbox"/> No <input type="checkbox"/> All samples containers intact? Yes <input type="checkbox"/> No <input type="checkbox"/> Description(s) match COC? Yes <input type="checkbox"/> No <input type="checkbox"/>											
COC Received <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		Emissivity: 0.90 Container: CR Glass Thermometer ID: 008		Date/Time: 3/27/1915							
		Temperature: (A) 0.6 °C / (C) 0.5 °C		Analyst Init: M							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		3 1	3 2	3 3	4	5	6	7	8	9	10
PE UNPRES											
8oz / 16oz PE UNPRES											
Cr ⁶											
INORGANIC CHEMICAL METALS											
ORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
CYANIDE											
NITROGEN FORMS											
TOTAL SULFIDE											
NITRATE / NITRITE											
TOTAL ORGANIC CARBON											
CHEMICAL OXYGEN DEMAND											
PHENOLICS											
11 VOA VIAL TRAVEL BLANK											
11 VOA VIAL											
EPA 1664											
ODOR											
DIOLOGICAL											
TERIOLOGICAL											
11 VOA VIAL- 504											
EPA 508/608/8080											
EPA 515.1/8150											
EPA 525											
EPA 525 TRAVEL BLANK											
1 EPA 547											
1 EPA 531-I											
EPA 548											
EPA 549											
EPA 8015M											
EPA 8270											
16oz / 32oz AMBER											
16oz / 32oz JAR		A	A	A							
SLEEVE											
VIAL											
STIC BAG											
LAR BAG											
ROUSIRON											
CORE											
ART KIT											
MA CANISTER											
Comments: _____											
Sample Numbering Completed By: JML		Date/Time: 3-28-17 0920									
Actual / C = Corrected		Rev 21 05/23/2016									

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1707927-01	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 07:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-35N-00	Lab Matrix:	Solids
	Sampled By:	Kevin Lin	Sample Type:	Soil
1707927-02	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 07:57
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-35N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-03	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-35N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-04	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-25N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-05	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:13
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-25N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-06	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:17
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-25N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-07	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-15N-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1707927-08	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-15N-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-09	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 08:36
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB26-15N-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-10	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:02
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-15S-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-11	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-15S-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-12	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB34-15S-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-13	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:24
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-20E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-14	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-20E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1707927-15	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:31
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-20E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-16	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:39
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-15E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-17	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:41
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-15E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-18	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB19-15E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-19	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 09:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-15E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-20	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 10:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-15E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-21	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 10:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-15E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1707927-22	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 10:23
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-20E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-23	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 10:28
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB6-20E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-24	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 10:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-15E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-25	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 10:58
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-15E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-26	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 11:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-15E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-27	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 11:08
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-20E-00	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-28	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 11:11
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-20E-12	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1707927-29	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 11:14
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SB41-20E-24	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-30	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 04:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	D32517-DUP1	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-31	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 02:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	D32517-DUP2	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-32	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 23:59
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	D32517-DUP3	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1707927-33	COC Number:	---	Receive Date:	03/27/2017 19:15
	Project Number:	---	Sampling Date:	03/25/2017 01:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	D32517-DUP4	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-01	Client Sample Name:	SB26-35N-00, 3/25/2017 7:50:00AM, Kevin Lin					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	2.0	0.80	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/29/17	03/30/17 13:24	JCC	PE-OP3	1.869	B[C2882

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-02	Client Sample Name:	SB26-35N-12, 3/25/2017 7:57:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	24	mg/kg	2.0	0.80	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/29/17	03/30/17 13:29	JCC	PE-OP3	1.961	B[C2882

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-03	Client Sample Name:	SB26-35N-24, 3/25/2017 8:02:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	1.9	mg/kg	2.0	0.80	EPA-6010B	500	J	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/29/17	03/30/17 13:30	JCC	PE-OP3	1.905	B[C2882

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-04	Client Sample Name:	SB26-25N-00, 3/25/2017 8:08:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 15:49	JCC	PE-OP3	0.980	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-05	Client Sample Name:	SB26-25N-12, 3/25/2017 8:13:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	17	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 11:36	JCC	PE-OP3	4.630	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-06	Client Sample Name:	SB26-25N-24, 3/25/2017 8:17:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	1.1	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 15:55	JCC	PE-OP3	0.917	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-07	Client Sample Name:	SB26-15N-00, 3/25/2017 8:25:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 15:56	JCC	PE-OP3	0.962	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-08	Client Sample Name:	SB26-15N-12, 3/25/2017 8:30:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.6	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 15:58	JCC	PE-OP3	0.952	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-09	Client Sample Name:	SB26-15N-24, 3/25/2017 8:36:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	1.6	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 15:59	JCC	PE-OP3	0.943	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-10	Client Sample Name:	SB34-15S-00, 3/25/2017 9:02:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	140	mg/kg	12	1.4	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 11:18	JCC	PE-OP3	5	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-11	Client Sample Name:	SB34-15S-12, 3/25/2017 9:05:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	6.7	mg/kg	12	1.4	EPA-6010B	1000	J,A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 11:46	JCC	PE-OP3	4.950	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID: 1707927-12		Client Sample Name: SB34-15S-24, 3/25/2017 9:10:00AM						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	40	mg/kg	12	1.4	EPA-6010B	1000	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/29/17	03/30/17 12:53	JCC	PE-OP3	5	B[C2823

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-13	Client Sample Name:	SB19-20E-00, 3/25/2017 9:24:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.4	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 11:48	JCC	PE-OP3	4.717	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-14	Client Sample Name:	SB19-20E-12, 3/25/2017 9:28:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.5	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 16:02	JCC	PE-OP3	0.935	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-15	Client Sample Name:	SB19-20E-24, 3/25/2017 9:31:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.8	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 16:03	JCC	PE-OP3	0.971	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-16	Client Sample Name:	SB19-15E-00, 3/25/2017 9:39:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 12:03	JCC	PE-OP3	4.630	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-17	Client Sample Name:	SB19-15E-12, 3/25/2017 9:41:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 16:05	JCC	PE-OP3	0.943	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-18	Client Sample Name:	SB19-15E-24, 3/25/2017 9:45:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	8.1	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 16:06	JCC	PE-OP3	0.990	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-19	Client Sample Name:	SB6-15E-00, 3/25/2017 9:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.8	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 12:08	JCC	PE-OP3	4.902	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-20	Client Sample Name:	SB6-15E-12, 3/25/2017 10:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	13	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 12:10	JCC	PE-OP3	4.950	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-21	Client Sample Name:	SB6-15E-24, 3/25/2017 10:05:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 12:12	JCC	PE-OP3	4.587	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-22	Client Sample Name:	SB6-20E-00, 3/25/2017 10:23:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	10	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/29/17	04/03/17 13:36	JCC	PE-OP3	5	B[C2882

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-23	Client Sample Name:	SB6-20E-12, 3/25/2017 10:28:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	14	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	03/31/17	04/03/17 16:01	JCC	PE-OP3	0.909	B[C3099

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-24	Client Sample Name:	SB41-15E-00, 3/25/2017 10:55:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	11	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 10:32	JCC	PE-OP3	4.673	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-25	Client Sample Name:	SB41-15E-12, 3/25/2017 10:58:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.0	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 10:37	JCC	PE-OP3	4.762	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-26	Client Sample Name:	SB41-15E-24, 3/25/2017 11:05:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.7	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 15:42	JCC	PE-OP3	0.971	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-27	Client Sample Name:	SB41-20E-00, 3/25/2017 11:08:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.8	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 15:43	JCC	PE-OP3	0.962	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-28	Client Sample Name:	SB41-20E-12, 3/25/2017 11:11:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.1	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 10:42	JCC	PE-OP3	4.673	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-29	Client Sample Name:	SB41-20E-24, 3/25/2017 11:14:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.8	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 15:45	JCC	PE-OP3	0.943	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-30	Client Sample Name:	D32517-DUP1, 3/25/2017 4:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	6.3	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 10:22	JCC	PE-OP3	4.630	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-31	Client Sample Name:	D32517-DUP2, 3/25/2017 2:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	7.6	mg/kg	5.0	2.0	EPA-6010B	500	A07	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 10:45	JCC	PE-OP3	4.630	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-32	Client Sample Name:	D32517-DUP3, 3/25/2017 11:59:00PM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Arsenic	15	mg/kg	1.0	0.40	EPA-6010B	500		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 15:46	JCC	PE-OP3	0.935	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

BCL Sample ID:	1707927-33	Client Sample Name:	D32517-DUP4, 3/25/2017 1:00:00AM					
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Lead	120	mg/kg	2.5	0.28	EPA-6010B	1000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/01/17	04/03/17 15:48	JCC	PE-OP3	0.943	B[D0001

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE 12396 World Trade Drive Suite 316 San Diego, CA 92128	Reported: 04/06/2017 11:16 Project: LAUSD: San Pedro High School Project Number: [none] Project Manager: Travis Stravasnik
--	---

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[C2823]						
Lead	B[C2823-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: B[C2882]						
Arsenic	B[C2882-BLK1	ND	mg/kg	1.0	0.40	
QC Batch ID: B[C3099]						
Arsenic	B[C3099-BLK1	ND	mg/kg	1.0	0.40	
Lead	B[C3099-BLK1	ND	mg/kg	2.5	0.28	
QC Batch ID: B[D0001]						
Arsenic	B[D0001-BLK1	ND	mg/kg	1.0	0.40	
Lead	B[D0001-BLK1	ND	mg/kg	2.5	0.28	

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: B[C2823										
Lead	B[C2823-BS1	LCS	91.507	100.00	mg/kg	91.5		75 - 125		
QC Batch ID: B[C2882										
Arsenic	B[C2882-BS1	LCS	9.0852	10.000	mg/kg	90.9		75 - 125		
QC Batch ID: B[C3099										
Arsenic	B[C3099-BS1	LCS	9.8120	10.000	mg/kg	98.1		75 - 125		
Lead	B[C3099-BS1	LCS	95.357	100.00	mg/kg	95.4		75 - 125		
QC Batch ID: B[D0001										
Arsenic	B[D0001-BS1	LCS	8.8935	10.000	mg/kg	88.9		75 - 125		
Lead	B[D0001-BS1	LCS	90.526	100.00	mg/kg	90.5		75 - 125		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									<u>Control Limits</u>		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[C2823]		Used client sample: Y - Description: SB34-15S-24, 03/25/2017 09:10									
Lead	DUP	1707927-12	39.712	39.835		mg/kg	0.3		20		
	MS	1707927-12	39.712	119.13	100.00	mg/kg		79.4		75 - 125	
	MSD	1707927-12	39.712	114.25	100.00	mg/kg	4.2	74.5	20	75 - 125	Q03
QC Batch ID: B[C2882]		Used client sample: Y - Description: SB6-20E-00, 03/25/2017 10:23									
Arsenic	DUP	1707927-22	10.156	11.079		mg/kg	8.7		20		
	MS	1707927-22	10.156	20.319	10.000	mg/kg		102		75 - 125	
	MSD	1707927-22	10.156	19.421	10.000	mg/kg	4.5	92.7	20	75 - 125	
QC Batch ID: B[C3099]		Used client sample: Y - Description: SB34-15S-00, 03/25/2017 09:02									
Arsenic	DUP	707927-10RE1	11.592	12.238		mg/kg	5.4		20		
	MS	707927-10RE1	11.592	23.210	10.000	mg/kg		116		75 - 125	
	MSD	707927-10RE1	11.592	19.824	10.000	mg/kg	15.7	82.3	20	75 - 125	
Lead	DUP	1707927-10RE1	139.69	215.97		mg/kg	42.9		20		Q01
	MS	1707927-10RE1	139.69	221.51	100.00	mg/kg		81.8		75 - 125	
	MSD	1707927-10RE1	139.69	230.47	100.00	mg/kg	4.0	90.8	20	75 - 125	
QC Batch ID: B[D0001]		Used client sample: Y - Description: D32517-DUP1, 03/25/2017 04:00									
Arsenic	DUP	1707927-30	6.3494	8.4428		mg/kg	28.3		20		A02
	MS	1707927-30	6.3494	18.785	10.000	mg/kg		124		75 - 125	
	MSD	1707927-30	6.3494	20.343	10.000	mg/kg	8.0	140	20	75 - 125	Q03
Lead	DUP	1707927-30	3.8360	3.9178		mg/kg	2.1		20		J
	MS	1707927-30	3.8360	81.940	100.00	mg/kg		78.1		75 - 125	
	MSD	1707927-30	3.8360	87.937	100.00	mg/kg	7.1	84.1	20	75 - 125	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

ENSAFE
12396 World Trade Drive Suite 316
San Diego, CA 92128

Reported: 04/06/2017 11:16
Project: LAUSD: San Pedro High School
Project Number: [none]
Project Manager: Travis Stravasnik

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A02	The difference between duplicate readings is less than the quantitation limit.
A07	Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.

Appendix E
Radon Gas Survey Report



www.californiaradontesting.com

Radon Gas Survey

*This inspection performed in accordance with the ANSI/AARST standard MALB-2014 "Protocol for Conducting Measurements of Radon and Radon Decay Products in Schools and Large Buildings."
This is a limited survey based on specific rooms selected by client.*

Prepared for: San Pedro High School

Inspection Site: 1001 W. 15th Street
San Pedro, CA 90731



Radon Testing Services
207 W. Los Angeles Ave., #188, Moorpark, CA 93021
(805) 529-1125

Radon Testing Services
207 W. Los Angeles Ave., #188
Moorpark, CA 93021

NRPP ID #100519 RT-MFM
California State Certification

REPORT OF FINDINGS—*RADON* GAS

Prepared On: August 12, 2016
Test ID# 4966

Sample Reason: School
Sample Type: Short term screening

Test Start: 08/06/2016
Test Stop: 08/08/2016

Closed Building Requirements Discussed? Yes
Structure occupied during test? No

Total Test Time: 48 hours

Highest Measured Value: 3.9 pCi/l

The EPA has set the action level for radon gas at 4.0 pCi/l.

Ambient outdoor levels are typically 0.4 pCi/l.

Average indoor levels nationwide are typically 1.2 pCi/l.

The World Health Organization recommends radon levels be reduced to below 2.7 pCi/l as an annual avg.

The EPA suggests considering reducing levels to below 2.0 pCi/l as an annual average.

****Further guidance on interpreting your test results can be found at the following websites:**

<http://www.cdph.ca.gov/healthinfo/environhealth/Pages/Radon.aspx>

<http://www.epa.gov/radon/pubs/hmbyguid.html>

www.radongas.org

www.Radon-Be-Gone.com



TEST DETAILS -- Radon in Air

These devices were analyzed by RAdata NRPP Lab ID# 101196AL and were analyzed via the EPA Method #402-R-92-004. Copy of laboratory results attached.

Device Type	Serial #	Level	Foundation	Room	Result
Administration Building					
01) LS	0939327	0	slab	Photo Lab	<0.2 pCi/L
02) LS	0939334	0	slab	Photo Lab	<0.2 pCi/L
03) LS	0939292	0	slab	Photo Class	<0.2 pCi/L
04) LS	0939331	0	slab	Ceramics	0.3 pCi/L
05) LS	0939274	0	slab	Blank	<0.2 pCi/L
06) LS	0939251	0	slab	File Room	<0.2 pCi/L
Classroom Building 1					
07) LS	0939267	1	raised	120	2.1 pCi/L
08) LS	0939265	1	raised	121	2.7 pCi/L
09) LS	0939330	1	raised	122	0.9 pCi/L
10) LS	0939266	1	raised	124	0.5 pCi/L
11) LS	0939283	1	raised	123	1.9 pCi/L
12) LS	0939321	1	raised	125	2.3 pCi/L
13) LS	0939326	1	raised	126	0.9 pCi/L
14) LS	0939336	1	raised	126	1.0 pCi/L
15) LS	0939333	1	raised	127	2.0 pCi/L
16) LS	0939325	1	raised	229	3.4 pCi/L
17) LS	0939294	1	raised	228	2.4 pCi/L
18) LS	0939324	1	raised	230	2.6 pCi/L
19) LS	0939335	1	raised	231	3.9 pCi/L
Physical Education Building					
20) LS	0939332	1	slab	Dance Room	0.3 pCi/L
21) LS	0939272	1	slab	Girls Locker	1.5 pCi/L
22) LS	0939320	1	slab	Girls Locker	1.3 pCi/L
23) LS	0939322	1	slab	Equipment	<0.2 pCi/L
24) LS	0939328	1	slab	Girls office	0.4 pCi/L
25) LS	0939329	1	slab	Basketball Ct	<0.2 pCi/L
26) LS	0939275	1	slab	Weight Room 2	0.6 pCi/L
27) LS	0939273	1	slab	Weight Room 1	0.8 pCi/L
28) LS	0939323	1	slab	Boys office	0.8 pCi/L
29) LS	0939319	1	slab	Boys Shower	0.9 pCi/L
30) LS	0939270	1	slab	Boys Locker	0.9 pCi/L
Home Economics					
31) LS	0939277	1	raised	Faculty Dining	0.7 pCi/L
32) LS	0939337	1	raised	Cafeteria	0.9 pCi/L
33) LS	0939276	1	raised	Kitchen	2.2 pCi/L
34) LS	0939318	1	raised	Blank	<0.2 pCi/L

WEATHER CONDITIONS

Day 1 Current	Day 1	Day 2	Day 3	Day 4
Wind	6-14 mph	7-12mph		
Humidity	76%	73%		
Precipitation	0.00"	0.00"		
Temp range	69-77 F	68-77 F		
Barometric	29.86"	29.82"		

OBSERVATION OF STANDARD PROCEDURES & PROTOCOLS

Yes No N/A

- ☒ ☐ ☐ All exterior doors and windows were closed upon arrival.
- ☒ ☐ ☐ Structure was closed for at least 12 hours prior to start of test.
- ☒ ☐ ☐ Doors and windows were closed at conclusion of test.

Exceptions: **Dance room and cafeteria doors were open at retrieval.**

- ☒ ☐ ☐ Test device was placed on lowest level that could be occupied.
- ☒ ☐ ☐ Sample(s) were collected in the general breathing zone, away from drafts and heatsources, at least 3 feet from exterior doors and windows, one foot from exterior walls,at least 20 inches from the floor and no higher than 8 feet.
- ☒ ☐ ☐ HVAC system off during test period as requested by client.

Conclusions

On August 6, 2016 AARST/NRPP certified radon technologist ReveAnn Ellrott cert# 100519RT-MFM placed 28 short term and 5 quality control Liquid Scintillation radon sample devices, at the above property in specified locations per clients' request. The devices were retrieved on August 8, 2016.

During a short-term test 2-90 days, to the extent reasonable, all windows, outside vents, and external doors should be kept closed (except for normal entrance and exit) during the testing period. In addition, for tests lasting less than 4 days, closed-building conditions are required for 12 hours prior to the start of the test. Fans, ventilation systems, and air-cooling systems that use outside air and exhaust inside air should not be operated. The school was requested to maintain closed-building conditions and turn the HVAC system off for twelve (12) hours prior to and during the testing.

Samples collected within the complex determined that radon levels were BELOW the EPA action level of 4.0 pCi/L (picocuries per liter of air), within the sampled areas during the sampling period.

PURPOSE OF THIS INSPECTION REPORT

To provide a professional opinion of a structure's radon levels as of the date of inspection, limited to the conditions identified in this report.

LIMITATIONS OF LIABILITY

There can be uncertainty with any radon measurement due to statistical variations and other factors such as changes in the weather, operation of the dwelling and cooperation level of the occupants. While our agents and we make every effort to maintain quality control and include checks and verification steps in our procedures, we make NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. Neither Radon Testing Services nor any of its agents shall be liable under any claim, charge or demand, whether in contract, tort, or otherwise, for any and all loss, cost, charge, claim, demand, fee, expense or damage of any nature or kind arising out of, connected with, resulting from, or sustained as a result of any radon test.

The building should be retested every 5 years or after any structural modifications, remodeling or changes in ventilation patterns are made, and after any significant earth movement including earthquake, hydraulic fracturing, grading, and heavy rains. Radon mitigation systems should be checked on a regular basis to make sure they are operational.

Technician: *ReveAnn Ellrott* Date: August 12, 2016
ReveAnn Ellrott
Radon Technologist. Certification #100519RT



RAdata, Inc.
27 Ironia Road, Unit 2
Flanders, NJ 07836
973-927-7303 Phone 973-927-4980 Fax

California Radon Testing

ReveAnn Ellrott
207 West Los Angeles Avenue, Suite 188
Moorpark, CA 93021

Original Report Date: August 10, 2016
Revised Report Date: August 11, 2016

Radon Test Results/Information:

This report has been revised.

Name: San Pedro High School,
Test Location: 1001 West 15th Street, San Pedro CA 90731

FileNum: 16-201-005

Test #	Test Date	Test Device	Location	Avg. Radon Concentration	Date Analyzed
Room #: File/Storage					
939251- 931869	8/6/2016,07:45- 8/8/2016,07:33	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/9/2016,22:07 Analyzed by: Nicole Listmeier
Room #: 121					
939265- 931883	8/6/2016,08:20- 8/8/2016,07:40	Liquid Scintillation	First Floor	2.7 pCi/L +/- 0.50	8/9/2016,22:29 Analyzed by: Nicole Listmeier
Room #: 124					
939266- 931884	8/6/2016,08:25- 8/8/2016,07:35	Liquid Scintillation	First Floor	0.5 pCi/L +/- 0.33	8/9/2016,22:51 Analyzed by: Nicole Listmeier
Building #: Classroom Room #: 120					
939267- 931885	8/6/2016,08:10- 8/8/2016,07:41	Liquid Scintillation	First Floor	2.1 pCi/L +/- 0.46	8/9/2016,22:18 Analyzed by: Nicole Listmeier
Room #: Boys Main Locker					
939270- 931888	8/6/2016,09:40- 8/8/2016,08:14	Liquid Scintillation	First Floor	0.9 pCi/L +/- 0.38	8/10/2016,02:42 Analyzed by: Nicole Listmeier
Building #: Gymnasium Room #: Girls Locker					
939272- 931890	8/6/2016,09:03- 8/8/2016,08:05	Liquid Scintillation	First Floor	1.5 pCi/L +/- 0.42	8/10/2016,00:52 Analyzed by: Nicole Listmeier
Room #: Weight Room 1					
939273- 931891	8/6/2016,09:30- 8/8/2016,08:10	Liquid Scintillation	First Floor	0.8 pCi/L +/- 0.38	8/10/2016,02:09 Analyzed by: Nicole Listmeier
Room #: Ceramics Classroom					
Blank					
939274- 931892	8/6/2016,07:40- 8/8/2016,07:32	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/9/2016,21:56 Analyzed by: Nicole Listmeier
Room #: Weight Room 2					
939275- 931893	8/6/2016,09:25- 8/8/2016,08:11	Liquid Scintillation	First Floor	0.6 pCi/L +/- 0.36	8/10/2016,01:58 Analyzed by: Nicole Listmeier
Room #: Kitchen					
939276- 931894	8/6/2016,10:00- 8/8/2016,08:30	Liquid Scintillation	First Floor	2.2 pCi/L +/- 0.48	8/10/2016,03:15 Analyzed by: Nicole Listmeier
Building #: Home Economics Room #: Faculty Dining					
939277- 931895	8/6/2016,09:50- 8/8/2016,08:24	Liquid Scintillation	First Floor	0.7 pCi/L +/- 0.37	8/10/2016,02:53 Analyzed by: Nicole Listmeier

Building #: Classroom Room #: 123

939283- 931901	8/6/2016,08:30- 8/8/2016,07:38	Liquid Scintillation	First Floor	1.9 pCi/L +/- 0.45	8/9/2016,23:02 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	---

Room #: Photography Classroom

939292- 931910	8/6/2016,07:35- 8/8/2016,07:30	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/9/2016,21:34 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	---

Room #: 228

939294- 931912	8/6/2016,08:37- 8/8/2016,07:55	Liquid Scintillation	First Floor	2.4 pCi/L +/- 0.48	8/10/2016,00:08 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	--

Room #: Kitchen**Blank**

939318- 931936	8/6/2016,10:00- 8/8/2016,08:30	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/10/2016,03:26 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	--

Room #: Boys Showers

939319- 931937	8/6/2016,09:39- 8/8/2016,08:13	Liquid Scintillation	First Floor	0.9 pCi/L +/- 0.38	8/10/2016,02:31 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	--

Building #: Gymnasium Room #: Girls Locker**Duplicate of #939272**

939320- 931938	8/6/2016,09:03- 8/8/2016,08:05	Liquid Scintillation	First Floor	1.3 pCi/L +/- 0.42	8/10/2016,01:03 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	--

Room #: 125

939321- 931939	8/6/2016,08:30- 8/8/2016,07:36	Liquid Scintillation	First Floor	2.3 pCi/L +/- 0.49	8/9/2016,23:13 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	---

Room #: Storage

939322- 931940	8/6/2016,09:05- 8/8/2016,08:08	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/10/2016,01:25 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	--

Room #: Office 1 - Boys

939323- 931941	8/6/2016,09:34- 8/8/2016,08:12	Liquid Scintillation	First Floor	0.8 pCi/L +/- 0.37	8/10/2016,02:20 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	--

Room #: 230

939324- 931942	8/6/2016,08:39- 8/8/2016,07:57	Liquid Scintillation	First Floor	2.6 pCi/L +/- 0.50	8/10/2016,00:19 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	--

Room #: 229

939325- 931943	8/6/2016,08:35- 8/8/2016,07:56	Liquid Scintillation	First Floor	3.4 pCi/L +/- 0.54	8/9/2016,23:57 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	---

Room #: 126**Duplicate of #939336**

939326- 931944	8/6/2016,08:32- 8/8/2016,07:50	Liquid Scintillation	First Floor	0.9 pCi/L +/- 0.39	8/9/2016,23:24 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	---

Building #: Admin Room #: Photography Lab

939327- 931945	8/6/2016,07:30- 8/8/2016,07:30	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/9/2016,21:12 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	---

Room #: Office 2 - Girls

939328- 931946	8/6/2016,09:05- 8/8/2016,08:07	Liquid Scintillation	First Floor	0.4 pCi/L +/- 0.34	8/10/2016,01:36 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	--

Room #: Basketball Court

939329- 931947	8/6/2016,09:23- 8/8/2016,08:09	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/10/2016,01:47 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	--

Room #: 122

939330- 931948	8/6/2016,08:25- 8/8/2016,07:37	Liquid Scintillation	First Floor	0.9 pCi/L +/- 0.38	8/9/2016,22:40 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	------------------------------	---

Room #: Ceramics Classroom

939331- 931949	8/6/2016,07:40- 8/8/2016,07:32	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/9/2016,21:45 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-------------	---

Building #: Gymnasium Room #: Dance

939332- 931950	8/6/2016,08:53- 8/8/2016,08:00	Liquid Scintillation	First Floor	0.3 pCi/L +/- 0.33	8/10/2016,00:41 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	--

Room #: 127

939333- 931951	8/6/2016,08:33- 8/8/2016,07:51	Liquid Scintillation	First Floor	2.0 pCi/L +/- 0.47	8/9/2016,23:46 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	---

Building #: Admin Room #: Photography Lab**Duplicate of #939327**

939334- 931952	8/6/2016,07:30- 8/8/2016,07:30	Liquid Scintillation	First Floor	< 0.2 pCi/L	8/9/2016,21:23 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-------------	---

Room #: 231

939335- 931953	8/6/2016,08:41- 8/8/2016,07:58	Liquid Scintillation	First Floor	3.9 pCi/L +/- 0.58	8/10/2016,00:30 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	--

Room #: 126

939336- 931954	8/6/2016,08:32- 8/8/2016,07:50	Liquid Scintillation	First Floor	1.0 pCi/L +/- 0.38	8/9/2016,23:35 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	---

Room #: Cafeteria/Study Hall

Open house conditions present at time of sampling, results may be higher than reported. Conduct another radon test.

939337- 931955	8/6/2016,10:00- 8/8/2016,08:25	Liquid Scintillation	First Floor	0.9 pCi/L +/- 0.39	8/10/2016,03:04 Analyzed by: Nicole Listmeier
-------------------	-----------------------------------	----------------------	-------------	-----------------------	--

The following revisions have been made from the original report: confirmed duplicates

The results of this measurement provide an idea of the average concentration in the area of the structure tested during this testing period. The actual risk depends upon the amount of time you are exposed to this concentration. The US EPA and the Center of Disease Control have used a continuous exposure level of 4.0 pCi/L as a guidance level at which remedial action is indicated. If you would like additional information on radon, we recommend that you contact either your state agency or the US EPA.

The accuracy of the radon levels determined at the time of sampling are dictated by proper deployment and conditions in the field. Since deployment in the field is not completed by Radata, Inc. laboratory personnel, the radon results indicated represent the levels found in the test device as received at our lab.

Charcoal Canister samples are analyzed by Method [EPA-402-R-92-004 July 92]

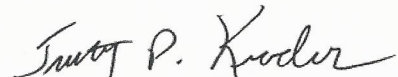
Liquid Scintillation samples are analyzed by Method [EPA-402-R-92-004 July 92]

(+/- = 2 sigma (95% confidence level) counting uncertainty reported in pCi/L.)

LIMITATIONS OF DATA AND PRODUCT LIABILITY

This product is designed to detect radon levels in a specific location. It can not guarantee the overall level of radon present in a home or building, or that people will not be exposed to potentially harmful levels of radon. The cost of this product is based solely on the value of the monitoring, and is unrelated to the value of any customers' property or health. RADATA, INC. EXPRESSLY DISCLAIMS ALL LIABILITY FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES RESULTING FROM THE IMPROPER USE OF THE PRODUCT OR THE IMPROPER INTERPRETATION OF THE DATA GENERATED BY THE PRODUCT. RADATA'S AND ITS AGENT'S SOLE AND EXCLUSIVE LIABILITY AND THE CUSTOMER'S SOLE LIABILITY AND EXCLUSIVE REMEDY WILL NOT EXCEED THE LESSER OF THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. Neither RADATA, Inc. nor its agents accepts any liability for improper deployment of any device and shall not be responsible for the consequences of the results derived from same.

Confidentiality Notice: These test results, including any attachments are for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, copying, disclosure, or distribution by other than the intended recipient or authorized agent is prohibited. RADATA, Inc. will not disclose to anyone the identification of a client or results of sample analysis without the expressed consent of the client, except where required by law or by state/federal agency. In situations where information or results are being subpoenaed by a regulatory agency or the courts, RADATA, Inc. will notify the client promptly.



Timothy P. Kroder, Laboratory Director

Appendix F
Community Notices of Work

Los Angeles Unified School District

Office of Environmental Health and Safety

MICHELLE KING
Superintendent of Schools

THELMA MELÉNDEZ, PH.D.
Chief Executive Officer, Office of Educational Services

ROBERT LAUGHTON
Director, Environmental Health and Safety

CARLOS A. TORRES
Deputy Director, Environmental Health and Safety

July 22, 2016

TO: Neighbors and Community Members of the
San Pedro High School

FROM: Los Angeles Unified School District
Office of Environmental Health and Safety

REGARDING: Preliminary Environmental Assessment
San Pedro High School, Los Angeles, California

The Los Angeles Unified School District (LAUSD) - Office of Environmental Health and Safety (OEHS) would like to provide you with advance notice of a Preliminary Environmental Assessment (PEA) that will be conducted within the boundaries of San Pedro High School, located at 1001 West 15th Street, San Pedro, California, 90731. The PEA will cover most of the campus scheduled to undergo a comprehensive modernization.

A licensed contractor, working on behalf of LAUSD, will perform the environmental investigation under the independent oversight of the LAUSD-OEHS, which is independent from the LAUSD Facilities Services Division (The Facilities Services Division is the responsible Branch for the development and construction of the project). The environmental investigation will consist of the sampling of soil and air in the locations on campus where existing buildings will be demolished, new buildings will be constructed, existing buildings undergoing modernization, and where a former clarifier was previously located. Soil will be analyzed for potential residual arsenic, hydrocarbons, lead-based paint, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), and volatile organic compounds (VOCs) in soil. If necessary, a soil cleanup will be performed prior to construction activities to protect students, faculty, and staff. Air samples will be collected in the buildings undergoing modernization for radon gas. If necessary, steps will be taken during the modernization process to reduce indoor radon gas levels.

Fieldwork is scheduled to begin on July 30, 2016, and is expected to be completed in 5 days. All fieldwork is scheduled to be conducted when students are away from school, between 7:00 am and 5:00 pm.

The results of the investigation will be submitted to LAUSD-OEHS in a report for review. The report will include an assessment of whether any of the above listed compounds are present in soil at concentrations that would require further assessment or a response action before the Site is cleared for construction activities. When the OEHS's review is complete, OEHS will issue a determination with regard to the assessment.

If you have any questions concerning the upcoming environmental investigation or other related activities for the proposed comprehensive modernization of San Pedro High School, please contact Dane Robinson, LAUSD Office of Environmental Health and Safety Site Assessment Project Manager, at (213) 241-4122 (email at dane.robinson@lausd.net).

Si desea información en Español comuníquese con Fortunato Tapia en FSD Relaciones con la Comunidad al (213) 241-1326 (línea directa) o (213) 241-1338 (línea principal) o por correo electrónico a fortunato.tapia@lausd.net.

Distrito Escolar Unificado de Los Angeles

Oficina de Salud y Seguridad Medioambiental

MICHELLE KING
Superintendente Escolar

THELMA MELÉNDEZ, PH.D.
Jefe Ejecutivo, Oficina de Servicios Educativos

ROBERT LAUGHTON
Director, Salud y Seguridad Medioambiental

CARLOS A. TORRES
Director Adjunto, Salud y Seguridad Medioambiental

22 de julio de 2016

PARA: Vecinos y Miembros de la Comunidad de
San Pedro High School

DE: Los Angeles Unified School District
Oficina de Salud y Seguridad Medioambiental

REGARDING: Estudio Inicial de Sitio
San Pedro High School, Los Angeles, California

La Oficina de Salud y Seguridad Medioambiental (OEHS, por sus siglas en inglés) del Distrito Escolar Unificado de Los Ángeles (LAUSD, por sus siglas en inglés) le notifica con anticipación de un Estudio Inicial de Sitio (PEA, por sus siglas en inglés) que se llevará a cabo para el proyecto de construcción en *San Pedro High School*, ubicada en el 1001 West 15th Street, San Pedro, California, 90731 ("Sitio"). La PEA se llevará a cabo en la mayoría parte del campo programado para someterse a una modernización integral.

Un contratista con licencia, trabajando en nombre de LAUSD, llevará a cabo la investigación bajo la supervisión independiente del LAUSD-OEHS, que es independiente de la división de servicios de instalaciones de LAUSD (La división de servicios de instalaciones es la rama responsable para el desarrollo y construcción del proyecto). La investigación ambiental consistirá en la toma de muestras de tierra y vapores de tierra en los lugares en el campus donde edificios existentes será demolidos, nuevos edificios serán construídos, y en lugares donde tanques de almacenamiento subterráneo y un incinerador se encontraban anteriormente. El suelo será analizado para el potencial de arsénico residual, hidrocarburos, pintura a base de plomo, bifenilos policlorados (PCBs), plaguicidas organoclorados (OCPs) y de compuestos orgánicos volátiles (VOCs) en el suelo. Si es necesario, se realizará una limpieza de tierra antes de las actividades de construcción para proteger a los estudiantes, facultad y personal. Muestras de aire interior serán analizadas para la presencia de radón en los edificios que serán modernizados.

El trabajo de campo está programado a comenzar el 30 de julio del 2016 y se anticipa que durará cinco días. Este trabajo se llevará a cabo cuando los estudiantes no estén en la escuela, entre 7 a.m. y 5 p.m.

Resultados de la investigación serán presentados a LAUSD-OEHS para su revisión. El reporte indicará si alguno de los compuestos analizados esta presente en el suelo en concentraciones que requieran estudios más intensivos o alguna acción en respuesta antes de que la propiedad sea aprobada para actividades de construcción. OEHS revisará el reporte en su totalidad y hará una determinación con respecto al estudio preliminar.

Si tiene alguna pregunta sobre esta investigación u otras actividades relacionadas con la modernización de San Pedro High School, puede comunicarse con Fortunato Tapia en FSD Relaciones con la Comunidad al (213) 241-1326 (línea directa) o (213) 241-1338 (línea principal) o por correo electrónico a fortunato.tapia@lausd.net o puede comunicarse con Dane Robinson, gerente de proyecto en LAUSD-OEHS, al (213) 241-4122, o por email a dane.robinson@lausd.net.