Appendix A. Air Quality and Greenhouse Gas Emissions Background and Modeling Data

Appendices

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Air Quality and Greenhouse Gas Appendix

Air Quality and Greenhouse Gas Background and Modeling Data

AIR QUALITY

Climate/Meteorology

SOUTH COAST AIR BASIN

The project site lies in the South Coast Air Basin (SoCAB), which includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. The SoCAB is in a coastal plain with connecting broad valleys and low hills and is bounded by the Pacific Ocean in the southwest quadrant, with high mountains forming the remainder of the perimeter. The general region lies in the semi-permanent high-pressure zone of the eastern Pacific. As a result, the climate is mild, tempered by cool sea breezes. This usually mild weather pattern is interrupted infrequently by periods of extremely hot weather, winter storms, and Santa Ana winds.[1]

Temperature and Precipitation

The annual average temperature varies little throughout the SoCAB, ranging from the low to middle 60s, measured in degrees Fahrenheit (°F). With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas. The climatological station nearest to the project site with temperature data is the Los Angeles Downtown USC Campus, California Monitoring Station (ID No. 045115). The lowest average temperature is reported at 48.3°F in January, and the highest average temperature is 83.1°F in August.[2]

In contrast to a very steady pattern of temperature, rainfall is seasonally and annually highly variable. Almost all rain falls from October through April. Summer rainfall is normally restricted to widely scattered thundershowers near the coast, with slightly heavier shower activity in the east and over the mountains. Rainfall historically averages 14.77 inches per year in the project area. [3]

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1 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

2 Western Regional Climate Center (WRCC). 2021, April 21 (accessed). Los Angeles Downtown USC Campus, California ([Station ID] 045115): Period of Record Monthly Climate Summary, 07/01/1877 to 06/09/2016. Western U.S. Climate Summaries. https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca5115.

3 Western Regional Climate Center (WRCC). 2021, April 21 (accessed). Los Angeles Downtown USC Campus, California ([Station ID] 045115): Period of Record Monthly Climate Summary, 07/01/1877 to 06/09/2016. Western U.S. Climate Summaries. https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca5115.

Humidity

Although the SoCAB has a semiarid climate, the air near the earth's surface is typically moist because of the presence of a shallow marine layer. Except for infrequent periods when dry, continental air is brought into the SoCAB by offshore winds, the "ocean effect" is dominant. Periods of heavy fog, especially along the coast, are frequent. Low clouds, often referred to as high fog, are a characteristic climatic feature. Annual average humidity is 70 percent at the coast and 57 percent in the eastern portions of the SoCAB. [4]

Wind

Wind patterns across the south coastal region are characterized by westerly or southwesterly onshore winds during the day and by easterly or northeasterly breezes at night. Wind speed is somewhat greater during the dry summer months than during the rainy winter season.

Between periods of wind, periods of air stagnation may occur, both in the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During the winter and fall months, surface high-pressure systems over the SoCAB, combined with other meteorological conditions, can result in very strong, downslope Santa Ana winds. These winds normally continue a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the transport and diffusion of pollutants by inhibiting their eastward transport. Air quality in the SoCAB generally ranges from fair to poor and is similar to air quality in most of coastal southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions. [5]

Inversions

In conjunction with the two characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, there are two similarly distinct types of temperature inversions that control the vertical depth through which pollutants are mixed. These are the marine/subsidence inversion and the radiation inversion. The combination of winds and inversions are critical determinants in leading to the highly degraded air quality in summer and the generally good air quality in the winter in the project area. [6]

Air Quality Regulations

The proposed Project has the potential to release gaseous emissions of criteria pollutants and dust into the ambient air; therefore, it falls under the ambient air quality standards promulgated at the local, state, and federal levels. The project site is in the SoCAB and is subject to the rules and regulations imposed by the South Coast

[4] South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

[5] South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

[6] South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

Air Quality Management District (South Coast AQMD). However, South Coast AQMD reports to California Air Resources board (CARB), and all criteria emissions are also governed by the California and national Ambient Air Quality Standards (AAQS). Federal, state, regional, and local laws, regulations, plans, or guidelines that are potentially applicable to the proposed Project are summarized below.

AMBIENT AIR QUALITY STANDARDS

The Clean Air Act (CAA) was passed in 1963 by the US Congress and has been amended several times. The 1970 Clean Air Act amendments strengthened previous legislation and laid the foundation for the regulatory scheme of the 1970s and 1980s. In 1977, Congress again added several provisions, including nonattainment requirements for areas not meeting National AAQS and the Prevention of Significant Deterioration program. The 1990 amendments represent the latest in a series of federal efforts to regulate the protection of air quality in the United States. The CAA allows states to adopt more stringent standards or to include other pollution species. The California Clean Air Act (CCAA), signed into law in 1988, requires all areas of the state to achieve and maintain the California AAQS by the earliest practical date. The California AAQS tend to be more restrictive than the National AAQS, based on even greater health and welfare concerns.

These National AAQS and California AAQS are the levels of air quality considered to provide a margin of safety in the protection of the public health and welfare. They are designed to protect "sensitive receptors" most susceptible to further respiratory distress, such as asthmatics, the elderly, very young children, people already weakened by other disease or illness, and persons engaged in strenuous work or exercise. Healthy adults can tolerate occasional exposure to air pollutant concentrations considerably above these minimum standards before adverse effects are observed.

Both California and the federal government have established health-based AAQS for seven air pollutants. As shown in Table 1, these pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), coarse inhalable particulate matter (PM_{10}), fine inhalable particulate matter ($PM_{2.5}$), and lead (Pb). In addition, the state has set standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles. These standards are designed to protect the health and welfare of the populace with a reasonable margin of safety.

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources
Ozone (O_3)[3]	1 hour	0.09 ppm	*	Motor vehicles, paints, coatings, and solvents.
	8 hours	0.070 ppm	0.070 ppm	
Carbon Monoxide (CO)	1 hour	20 ppm	35 ppm	Internal combustion engines, primarily gasoline-powered motor vehicles.
	8 hours	9.0 ppm	9 ppm	
Nitrogen Dioxide (NO_2)	Annual Arithmetic Mean	0.030 ppm	0.053 ppm	Motor vehicles, petroleum-refining operations, industrial sources, aircraft, ships, and railroads.
	1 hour	0.18 ppm	0.100 ppm	

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources
Sulfur Dioxide (SO_2)	Annual Arithmetic Mean	*	0.030 ppm	Fuel combustion, chemical plants, sulfur recovery plants, and metal processing.
	1 hour	0.25 ppm	0.075 ppm	
	24 hours	0.04 ppm	0.14 ppm	
Respirable Coarse Particulate Matter (PM_{10})	Annual Arithmetic Mean	20 µg/m^3	*	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	50 µg/m^3	150 µg/m^3	
Respirable Fine Particulate Matter ($PM_{2.5}$)[4]	Annual Arithmetic Mean	12 µg/m^3	12 µg/m^3	Dust and fume-producing construction, industrial, and agricultural operations, combustion, atmospheric photochemical reactions, and natural activities (e.g., wind-raised dust and ocean sprays).
	24 hours	*	35 µg/m^3	
Lead (Pb)	30-Day Average	1.5 µg/m^3	*	Present source: lead smelters, battery manufacturing & recycling facilities. Past source: combustion of leaded gasoline.
	Calendar Quarter	*	1.5 µg/m^3	
	Rolling 3-Month Average	*	0.15 µg/m^3	
Sulfates (SO_4)[5]	24 hours	25 µg/m^3	*	Industrial processes.
Visibility Reducing Particles	8 hours	ExCo =0.23/km visibility of 10≥ miles	No Federal Standard	Visibility-reducing particles consist of suspended particulate matter, which is a complex mixture of tiny particles that consists of dry solid fragments, solid cores with liquid coatings, and small droplets of liquid. These particles vary greatly in shape, size and chemical composition, and can be made up of many different materials such as metals, soot, soil, dust, and salt.
Hydrogen Sulfide	1 hour	0.03 ppm	No Federal Standard	Hydrogen sulfide (H_2S) is a colorless gas with the odor of rotten eggs. It is formed during bacterial decomposition of sulfur-containing organic substances. Also, it can be present in sewer gas and some natural gas and can be emitted as the result of geothermal energy exploitation.
Vinyl Chloride	24 hours	0.01 ppm	No Federal Standard	Vinyl chloride (chloroethene), a chlorinated hydrocarbon, is a colorless gas with a mild, sweet odor. Most vinyl chloride is used to make polyvinyl chloride (PVC) plastic and vinyl products. Vinyl chloride has been detected near landfills, sewage plants, and hazardous waste sites, due to microbial breakdown of chlorinated solvents.

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant	Averaging Time	California Standard[1]	Federal Primary Standard[2]	Major Pollutant Sources

Source: California Air Resources Board (CARB). 2016, October 1. Ambient Air Quality Standards. https://ww2.arb.ca.gov/sites/default/files/2020-07/aaqs2.pdf.
Notes: ppm: parts per million; μg/m^3: micrograms per cubic meter
* Standard has not been established for this pollutant/duration by this entity.
1 California standards for O_3, CO (except 8-hour Lake Tahoe), SO_2 (1 and 24 hour), NO_2, and particulate matter (PM_{10}, $PM_{2.5}$, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2 National standards (other than O_3, PM, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 μg/m^3 is equal to or less than one. For $PM_{2.5}$, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard.
3 On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
4 On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 μg/m^3 to 12.0 μg/m^3. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 μg/m^3, as was the annual secondary standard of 15 μg/m^3. The existing 24-hour PM_{10} standards (primary and secondary) of 150 μg/m^3 also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
5 On June 2, 2010, a new 1-hour SO_2 standard was established and the existing 24-hour and annual primary standards were revoked. The 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.

California has also adopted a host of other regulations that reduce criteria pollutant emissions, including:

- AB 1493: Pavley Fuel Efficiency Standards
- Title 20 California Code of Regulations (CCR): Appliance Energy Efficiency Standards
- Title 24, Part 6, CCR: Building and Energy Efficiency Standards
- Title 24, Part 11, CCR: Green Building Standards Code

CRITERIA AIR POLLUTANTS

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by federal and state law. Air pollutants are categorized as primary or secondary pollutants. Primary air pollutants are those that are emitted directly from sources and include CO, VOC, NO_2, SO_X, PM_{10}, $PM_{2.5}$, and Pb. Of these, CO, SO_2, NO_2, PM_{10}, and $PM_{2.5}$ are "criteria air pollutants," which means that ambient air quality standards (AAQS) have been established for them. VOC and oxides of nitrogen (NO_x) are air pollutant precursors that form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. Ozone (O_3) and NO_2 are the principal secondary pollutants. A description of each of the primary and secondary criteria air pollutants and their known health effects is presented below.

Carbon Monoxide (CO) is a colorless, odorless, toxic gas produced by incomplete combustion of carbon substances, such as gasoline or diesel fuel. CO is a primary criteria air pollutant. CO concentrations tend to be the highest during winter mornings with little to no wind, when surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion, engines and motor vehicles operating at slow speeds are the primary source of CO in the SoCAB. The highest ambient CO concentrations are generally found near traffic-congested corridors and intersections. The primary adverse health effect associated with CO is interference with normal oxygen transfer to the blood, which may result in tissue oxygen deprivation.

[7,8] The SoCAB is designated as being in attainment under the California AAQS and attainment (serious maintenance) under the National AAQS.[9]

Volatile Organic Compounds (VOC) are compounds composed primarily of atoms of hydrogen and carbon. Internal combustion associated with motor vehicle usage is the major source of hydrocarbons. Other sources of VOCs include evaporative emissions associated with the use of paints and solvents, the application of asphalt paving, and the use of household consumer products such as aerosols. There are no ambient air quality standards established for VOCs. However, because they contribute to the formation of ozone (O_3), South Coast AQMD has established a significance threshold for this pollutant.[10]

Nitrogen Oxides (NO_x) are a byproduct of fuel combustion and contribute to the formation of O_3, PM_{10}, and $PM_{2.5}$. The two major forms of NO_x are nitric oxide (NO) and nitrogen dioxide (NO_2). The principal form of NO_2 produced by combustion is NO, but NO reacts with oxygen to form NO_2, creating the mixture of NO and NO_2 commonly called NO_x. NO_2 acts as an acute irritant and, in equal concentrations, is more injurious than NO. At atmospheric concentrations, however, NO_2 is only potentially irritating. There is some indication of a relationship between NO_2 and chronic pulmonary fibrosis. Some increase in bronchitis in children (two and three years old) has also been observed at concentrations below 0.3 part per million (ppm). NO_2 absorbs blue light; the result is a brownish-red cast to the atmosphere and reduced visibility. NO is a colorless, odorless gas formed from atmospheric nitrogen and oxygen when combustion takes place under high temperature and/or high pressure.[11,12] The SoCAB is designated as an attainment (maintenance) area under the National AAQS and attainment area under the California AAQS.[13]

Sulfur Dioxide (SO_2) is a colorless, pungent, irritating gas formed by the combustion of sulfurous fossil fuels. It enters the atmosphere as a result of burning high-sulfur-content fuel oils and coal and from chemical processes at chemical plants and refineries. Gasoline and natural gas have very low sulfur content and do not release significant quantities of SO_2.[14,15] When sulfur dioxide forms sulfates (SO_4) in the atmosphere, together

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7 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

8 US Environmental Protection Agency (USEPA). 2021, February 18 (updated). Criteria Air Pollutants. https://www.epa.gov/criteria-air-pollutants.

9 California Air Resources Board (CARB). 2019, August. Area Designations Maps/State and National. http://www.arb.ca.gov/desig/desig.htm.

10 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

11 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

12 US Environmental Protection Agency (USEPA). 2021, February 18 (updated). Criteria Air Pollutants. https://www.epa.gov/criteria-air-pollutants.

13 California Air Resources Board (CARB). 2019, August. Area Designations Maps/State and National. http://www.arb.ca.gov/desig/desig.htm.

14 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

15 US Environmental Protection Agency (USEPA). 2021, February 18 (updated). Criteria Air Pollutants. https://www.epa.gov/criteria-air-pollutants.

these pollutants are referred to as sulfur oxides (SO_X). Thus, SO_2 is both a primary and secondary criteria air pollutant. At sufficiently high concentrations, SO_2 may irritate the upper respiratory tract. At lower concentrations and when combined with particulates, SO_2 may do greater harm by injuring lung tissue. The SoCAB is designated as attainment under the California and National AAQS.[16]

Suspended Particulate Matter (PM_{10} and $PM_{2.5}$) consists of finely divided solids or liquids such as soot, dust, aerosols, fumes, and mists. Two forms of fine particulates are now recognized and regulated. Inhalable coarse particles, or PM_{10}, include the particulate matter with an aerodynamic diameter of 10 microns (i.e., 10 millionths of a meter or 0.0004 inch) or less. Inhalable fine particles, or $PM_{2.5}$, have an aerodynamic diameter of 2.5 microns (i.e., 2.5 millionths of a meter or 0.0001 inch) or less. Particulate discharge into the atmosphere results primarily from industrial, agricultural, construction, and transportation activities. However, wind action on arid landscapes also contributes substantially to local particulate loading (i.e., fugitive dust). Both PM_{10} and $PM_{2.5}$ may adversely affect the human respiratory system, especially in people who are naturally sensitive or susceptible to breathing problems.[17]

The US Environmental Protection Agency's (EPA) scientific review concluded that $PM_{2.5}$, which penetrates deeply into the lungs, is more likely than PM_{10} to contribute to health effects and at concentrations that extend well below those allowed by the current PM_{10} standards. These health effects include premature death and increased hospital admissions and emergency room visits (primarily the elderly and individuals with cardiopulmonary disease); increased respiratory symptoms and disease (children and individuals with cardiopulmonary disease such as asthma); decreased lung functions (particularly in children and individuals with asthma); and alterations in lung tissue and structure and in respiratory tract defense mechanisms.[18] There has been emerging evidence that even smaller particulates with an aerodynamic diameter of <0.1 microns or less (i.e., ≤0.1 millionths of a meter or <0.000004 inch), known as ultrafine particulates (UFPs), have human health implications, because UFPs toxic components may initiate or facilitate biological processes that may lead to adverse effects to the heart, lungs, and other organs.[19] However, the EPA or CARB have yet to adopt AAQS to regulate these particulates. Diesel particulate matter (DPM) is classified by the CARB as a carcinogen.[20] Particulate matter can also cause environmental effects such as visibility impairment,[21] environmental damage,[22]

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16 California Air Resources Board (CARB). 2019, August. Area Designations Maps/State and National. http://www.arb.ca.gov/desig/desig.htm.

17 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

18 South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

19 South Coast Air Quality Management District (South Coast AQMD). 2016, February. 2016 Air Quality Management Plan National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) Attainment Status for South Coast Air Basin. http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/naaqs-caaqs-feb2016.pdf.

20 California Air Resources Board (CARB). 1998, April 22. The Report on Diesel Exhaust. http://www.arb.ca.gov/toxics/dieseltac/de-fnds.htm.

21 $PM_{2.5}$ is the main cause of reduced visibility (haze) in parts of the United States.

22 Particulate matter can be carried over long distances by wind and then settle on ground or water, making lakes and streams acidic; changing the nutrient balance in coastal waters and large river basins; depleting the nutrients in soil; damaging sensitive forests and farm crops; and affecting the diversity of ecosystems.

and aesthetic damage.[23,24,25] The SoCAB is in nonattainment and serious nonattainment for $PM_{2.5}$ under the California and National AAQS, respectively. For PM_{10}, the SoCAB is nonattainment under the California AAQS and in attainment (serious maintenance) under the National AAQS.[26]

Ozone (O_3) is commonly referred to as "smog" and is a gas that is formed when VOCs and NO_x, both by-products of internal combustion engine exhaust, undergo photochemical reactions in the presence of sunlight. O_3 is a secondary criteria air pollutant. O_3 concentrations are generally highest during the summer months when direct sunlight, light winds, and warm temperatures create favorable conditions for the formation of this pollutant. O_3 poses a health threat to those who already suffer from respiratory diseases as well as to healthy people. Breathing O_3 can trigger a variety of health problems, including chest pain, coughing, throat irritation, and congestion. It can worsen bronchitis, emphysema, and asthma. Ground-level O_3 also can reduce lung function and inflame the linings of the lungs. Repeated exposure may permanently scar lung tissue. O_3 also affects sensitive vegetation and ecosystems, including forests, parks, wildlife refuges, and wilderness areas. In particular, O_3 harms sensitive vegetation during the growing season.[27,28] The SoCAB is designated as extreme nonattainment under the National AAQS (8-hour) and as nonattainment under the California AAQS (1-hour and 8-hour).[29]

Lead (Pb) is a metal found naturally in the environment as well as in manufactured products. Once taken into the body, lead distributes throughout the body in the blood and accumulates in the bones. Depending on the level of exposure, lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems, and the cardiovascular system. Lead exposure also affects the oxygen-carrying capacity of the blood. The effects of lead most commonly encountered in current populations are neurological effects in children and cardiovascular effects in adults (e.g., high blood pressure and heart disease). Infants and young children are especially sensitive to even low levels of lead, which may contribute to behavioral problems, learning deficits, and lowered IQ.[30,31] The major sources of lead emissions have historically been mobile and industrial sources. As a result of the EPA's regulatory efforts to remove lead from gasoline, emissions of lead

[23] Particulate matter can stain and damage stone and other materials, including culturally important objects such as statues and monuments.

[24] South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

[25] US Environmental Protection Agency (USEPA). 2019, June 11 (updated). Criteria Air Pollutants. https://www.epa.gov/criteria-air-pollutants.

[26] CARB approved the South Coast AQMD's request to redesignate the SoCAB from serious nonattainment for PM_{10} to attainment for PM_{10} under the National AAQS on March 25, 2010, because the SoCAB has not violated federal 24-hour PM_{10} standards during the period from 2004 to 2007. In June 2013, the EPA approved the State of California's request to redesignate the PM_{10} nonattainment area to attainment of the PM_{10} National AAQS, effective on July 26, 2013.

[27] South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

[28] US Environmental Protection Agency (USEPA). 2018, October 31 (updated). Ground Level Ozone Basics.

[29] California Air Resources Board (CARB). 2019, August. Area Designations Maps/State and National. http://www.arb.ca.gov/desig/desig.htm.

[30] South Coast Air Quality Management District (South Coast AQMD). 2005, May. Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning. http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.

[31] US Environmental Protection Agency (USEPA). 2021, February 18 (updated). Criteria Air Pollutants. https://www.epa.gov/criteria-air-pollutants.

from the transportation sector dramatically declined by 95 percent between 1980 and 1999, and levels of lead in the air decreased by 94 percent between 1980 and 1999. Today, the highest levels of lead in air are usually found near lead smelters. The major sources of lead emissions today are ore and metals processing and piston-engine aircraft operating on leaded aviation gasoline. However, in 2008 the EPA and CARB adopted stricter lead standards, and special monitoring sites immediately downwind of lead sources recorded very localized violations of the new state and federal standards.[32] As a result of these violations, the Los Angeles County portion of the SoCAB is designated nonattainment under the National AAQS for lead.[33] Because emissions of lead are found only in projects that are permitted by South Coast AQMD, lead is not a pollutant of concern for the project.

TOXIC AIR CONTAMINANTS

The public's exposure to air pollutants classified as toxic air contaminants (TACs) is a significant environmental health issue in California. In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health. The California Health and Safety Code defines a TAC as "an air pollutant which may cause or contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health." A substance that is listed as a hazardous air pollutant (HAP) pursuant to Section 112(b) of the federal Clean Air Act (42 United States Code §7412[b]) is a toxic air contaminant. Under state law, the California Environmental Protection Agency (Cal/EPA), acting through CARB, is authorized to identify a substance as a TAC if it determines that the substance is an air pollutant that may cause or contribute to an increase in mortality or to an increase in serious illness, or may pose a present or potential hazard to human health.

California regulates TACs primarily through Assembly Bill (AB) 1807 (Tanner Air Toxics Act) and AB 2588 (Air Toxics "Hot Spot" Information and Assessment Act of 1987). The Tanner Air Toxics Act sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an "airborne toxics control measure" for sources that emit designated TACs. If there is a safe threshold for a substance (i.e., a point below which there is no toxic effect), the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology to minimize emissions. To date, CARB has established formal control measures for 11 TACs, all of which are identified as having no safe threshold.

Air toxics from stationary sources are also regulated in California under the Air Toxics "Hot Spot" Information and Assessment Act of 1987. Under AB 2588, toxic air contaminant emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, are required to communicate the results to the public in the form of notices and public meetings.

[32] Source-oriented monitors record concentrations of lead at lead-related industrial facilities in the SoCAB, which include Exide Technologies in the City of Commerce; Quemetco, Inc., in the City of Industry; Trojan Battery Company in Santa Fe Springs; and Exide Technologies in Vernon. Monitoring conducted between 2004 through 2007 showed that the Trojan Battery Company and Exide Technologies exceed the federal standards (South Coast AQMD 2012).

[33] South Coast Air Quality Management District (South Coast AQMD). 2012, May 4. Final 2012 Lead State Implementation Plan: Los Angeles County. http://www3.aqmd.gov/hb/attachments/2011-2015/2012May/2012-May4-030.pdf.

By the December 1999 update to the TAC list, CARB had designated 244 compounds as TACs.[34] Subsequently, the list was updated in 2007 to include Environmental Tobacco Smoke.[35] Additionally, CARB has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to relatively few compounds, the most important being particulate matter from diesel-fueled engines.

Diesel Particulate Matter

In 1998, CARB identified particulate emissions from diesel-fueled engines (diesel PM) as a TAC. Previously, the individual chemical compounds in diesel exhaust were considered TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

CARB has promulgated the following specific rules to limit TAC emissions:

- 13 CCR Chapter 10, Section 2485, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling
- 13 CCR Chapter 10, Section 2480, Airborne Toxic Control Measure to Limit School Bus Idling and Idling at Schools
- 13 CCR Section 2477 and Article 8, Airborne Toxic Control Measure for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets and Facilities Where TRUs Operate

Community Risk

In addition, to reduce exposure to TACs, CARB developed and approved the *Air Quality and Land Use Handbook: A Community Health Perspective* to provide guidance regarding the siting of sensitive land uses in the vicinity of freeways, distribution centers, rail yards, ports, refineries, chrome-plating facilities, dry cleaners, and gasoline-dispensing facilities.[36] This guidance document was developed to assess compatibility and associated health risks when placing sensitive receptors near existing pollution sources. CARB's recommendations on the siting of new sensitive land uses were based on a compilation of recent studies that evaluated data on the adverse health effects from proximity to air pollution sources. The key observation in these studies is that proximity to air pollution sources substantially increases exposure and the potential for adverse health effects. There are three carcinogenic toxic air contaminants that constitute the majority of the known health risks from motor vehicle traffic, DPM from trucks, and benzene and 1,3-butadiene from passenger vehicles. CARB recommendations are based on data that show that localized air pollution exposures can be reduced by as much as 80 percent by following CARB minimum distance separations.

[34] California Air Resources Board (CARB). 1999. California Air Resources Board (CARB). Final Staff Report: Update to the Toxic Air Contaminant List. https://ww3.arb.ca.gov/toxics/id/finalstaffreport.htm.

[35] California Air Resources Board (CARB). 2021, April 12 (accessed). CARB Identified Toxic Air Contaminants. https://ww2.arb.ca.gov/resources/documents/carb-identified-toxic-air-contaminants.

[36] California Air Resources Board (CARB). 2005, April. Air Quality and Land Use Handbook: A Community Health Perspective. https://www.arb.ca.gov/ch/handbook.pdf.

Multiple Airborne Toxics Exposure Study (MATES)

The Multiple Air Toxics Exposure Study (MATES) is a monitoring and evaluation study on ambient concentrations of TACs and estimated the potential health risks from air toxics in the SoCAB. In 2008, the South Coast AQMD conducted its third update to the MATES study (MATES III). The results showed that the overall risk for excess cancer from a lifetime exposure to ambient levels of air toxics was about 1,200 in a million. The largest contributor to this risk was diesel exhaust, accounting for 84 percent of the cancer risk.[37]

The South Coast AQMD recently released the fourth update (MATES IV). The results showed that the overall monitored risk for excess cancer from a lifetime exposure to ambient levels of air toxics decreased to approximately 418 in one million. Compared to the 2008 MATES III, monitored excess cancer risks decreased by approximately 65 percent. Approximately 90 percent of the risk is attributed to mobile sources while 10 percent is attributed to TACs from stationary sources, such as refineries, metal processing facilities, gas stations, and chrome plating facilities. The largest contributor to this risk was diesel exhaust, accounting for approximately 68 percent of the air toxics risk. Compared to MATES III, MATES IV found substantial improvement in air quality and associated decrease in air toxics exposure. As a result, the estimated basin-wide population-weighted risk decreased by approximately 57 percent compared to the analysis done for the MATES III time period.[38]

The Office of Environmental Health Hazard Assessment (OEHHA) updated the guidelines for estimating cancer risks on March 6, 2015. The new method utilizes higher estimates of cancer potency during early life exposures, which result in a higher calculation of risk. There are also differences in the assumptions on breathing rates and length of residential exposures. When combined together, the South Coast AQMD estimates that risks for a given inhalation exposure level will be about 2.7 times higher using the proposed updated methods identified in MATES IV (e.g., 2.7 times higher than 418 in one million overall excess cancer risk).[39]

Air Quality Management Planning

The South Coast AQMD is the agency responsible for preparing the air quality management plan (AQMP) for the SoCAB in coordination with the Southern California Association of Governments (SCAG). Since 1979, a number of AQMPs have been prepared.

2016 AQMP

On March 3, 2017, the South Coast AQMD adopted the 2016 AQMP as an update to the 2012 AQMP. The 2016 AQMP addresses strategies and measures to attain the following National AAQS:

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[37] South Coast Air Quality Management District (South Coast AQMD). 2008, September. Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES III). https://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-iii.

[38] South Coast Air Quality Management District (South Coast AQMD). 2015, October 3. Final Report Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES IV). http://www.aqmd.gov/docs/default-source/air-quality/air-toxic-studies/mates-iv/mates-iv-final-draft-report-4-1-15.pdf.

[39] South Coast Air Quality Management District (South Coast AQMD). 2015, October 3. Final Report Multiple Air Toxics Exposure Study in the South Coast Air Basin (MATES IV). http://www.aqmd.gov/docs/default-source/air-quality/air-toxic-studies/mates-iv/mates-iv-final-draft-report-4-1-15.pdf.

- 2008 National 8-hour ozone standard by 2031,
- 2012 National annual $PM_{2.5}$ standard by 2025[40],
- 2006 National 24-hour $PM_{2.5}$ standard by 2019,
- 1997 National 8-hour ozone standard by 2023, and the
- 1979 National 1-hour ozone standard by year 2022.

It is projected that total NO_X emissions in the SoCAB would need to be reduced to 150 tons per day (tpd) by year 2023 and to 100 tpd in year 2031 to meet the 1997 and 2008 federal 8-hour ozone standards. The strategy to meet the 1997 federal 8-hour ozone standard would also lead to attaining the 1979 federal 1-hour ozone standard by year 2022[41], which requires reducing NO_X emissions in the SoCAB to 250 tpd. This is approximately 45 percent additional reductions above existing regulations for the 2023 ozone standard and 55 percent additional reductions above existing regulations to meet the 2031 ozone standard.

Reducing NO_X emissions would also reduce $PM_{2.5}$ concentrations in the SoCAB. However, as the goal is to meet the 2012 federal annual $PM_{2.5}$ standard no later than year 2025, the South Coast AQMD is seeking to reclassify the SoCAB from "moderate" to "serious" nonattainment under this federal standard. A "moderate" non-attainment would require meeting the 2012 federal standard by no later than 2021.

Overall, the 2016 AQMP is composed of stationary and mobile-source emission reductions from regulatory control measures, incentive-based programs, co-benefits from climate programs, mobile-source strategies, and reductions from federal sources such as aircrafts, locomotives, and ocean-going vessels. Strategies outlined in the 2016 AQMP would be implemented in collaboration between CARB and the EPA. [42]

LEAD STATE IMPLEMENTATION PLAN

In 2008, EPA designated the Los Angeles County portion of the SoCAB nonattainment under the federal lead (Pb) classification due to the addition of source-specific monitoring under the new federal regulation. This designation was based on two source-specific monitors in Vernon and the City of Industry exceeding the new standard. The rest of the SoCAB, outside the Los Angeles County nonattainment area remains in attainment of the new standard. On May 24, 2012, CARB approved the SIP revision for the federal lead standard, which the EPA revised in 2008. Lead concentrations in this nonattainment area have been below the level of the federal standard since December 2011. The SIP revision was submitted to EPA for approval.

AREA DESIGNATIONS

The AQMP provides the framework for air quality basins to achieve attainment of the state and federal ambient air quality standards through the State Implementation Plan (SIP). Areas are classified as attainment or nonattainment areas for particular pollutants, depending on whether they meet ambient air quality standards.

[40] The 2016 AQMP requests a reclassification from moderate to serious non-attainment for the 2012 National $PM_{2.5}$ standard.
[41] South Coast Air Quality Management District (South Coast AQMD). 2017, March 4. Final 2016 Air Quality Management Plan. https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/final2016aqmp.pdf?sfvrsn=15.
[42] South Coast Air Quality Management District (South Coast AQMD). 2017, March 4. Final 2016 Air Quality Management Plan. https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/final2016aqmp.pdf?sfvrsn=15.

Severity classifications for ozone nonattainment range in magnitude from marginal, moderate, and serious to severe and extreme.

- **Unclassified:** a pollutant is designated unclassified if the data are incomplete and do not support a designation of attainment or nonattainment.
- **Attainment:** a pollutant is in attainment if the CAAQS for that pollutant was not violated at any site in the area during a three-year period.
- **Nonattainment:** a pollutant is in nonattainment if there was at least one violation of a state AAQS for that pollutant in the area.
- **Nonattainment/Transitional:** a subcategory of the nonattainment designation. An area is designated nonattainment/transitional to signify that the area is close to attaining the AAQS for that pollutant.

The attainment status for the SoCAB is shown in Table 2. The SoCAB is designated in attainment of the California AAQS for sulfates. The SoCAB is designated as nonattainment for lead (Los Angeles County only) under the National AAQS.

Table 2 Attainment Status of Criteria Pollutants in the South Coast Air Basin

Pollutant	State	Federal
Ozone – 1-hour	Nonattainment	No Federal Standard
Ozone – 8-hour	Nonattainment	Extreme Nonattainment
PM_{10}	Nonattainment	Attainment (Serious Maintenance)
$PM_{2.5}$	Nonattainment	Nonattainment[1]
CO	Attainment	Attainment
NO_2	Attainment	Attainment (Maintenance)
SO_2	Attainment	Attainment
Lead	Attainment	Nonattainment (Los Angeles County only)[2]
All others	Attainment/Unclassified	Attainment/Unclassified

Source: California Air Resources Board (CARB). 2019, August. Area Designations Maps/State and National. http://www.arb.ca.gov/desig/desig.htm.
1 The South Coast AQMD is seeking to reclassify the SoCAB from "moderate" to "serious" nonattainment under federal $PM_{2.5}$ standard.
2 In 2010, the Los Angeles portion of the SoCAB was designated nonattainment for lead under the new federal and existing state AAQS as a result of large industrial emitters. Remaining areas in the SoCAB are unclassified.

Existing Ambient Air Quality

Existing levels of ambient air quality and historical trends and projections in the vicinity of the project site are best documented by measurements taken by the South Coast AQMD. The project site is located within Source Receptor Area (SRA) 1 – Central Los Angeles County. The air quality monitoring station closest to the project site is the Los Angeles – North Main Street Monitoring Station, which monitors O_3, NO_x, PM_{10}, and $PM_{2.5}$. The most current five years of data are included in Table 3, *Ambient Air Quality Monitoring Summary*. The data show regular violations of the state and federal O_3, state PM_{10}, and federal $PM_{2.5}$ standards in the last five years.

Table 3 Ambient Air Quality Monitoring Summary

Pollutant/Standard	Number of Days Threshold Were Exceeded and Maximum Levels during Such Violations				
	2015	2016	2017	2018	2019
Ozone (O_3)[1]					
State 1-Hour ≥ 0.09 ppm (days exceed threshold)	2	2	6	2	0
State 8-hour ≥ 0.07 ppm (days exceed threshold)	6	4	14	4	2
Federal 8-Hour > 0.075 ppm (days exceed threshold)	0	1	9	0	1
Max. 1-Hour Conc. (ppm)	0.104	0.103	0.116	0.098	0.093
Max. 8-Hour Conc. (ppm)	0.074	0.078	0.086	0.073	0.080
Nitrogen Dioxide (NO_2)[2]					
State 1-Hour ≥ 0.18 ppm (days exceed threshold)	0	0	0	0	0
Federal 1-Hour ≥ 0.100 ppm (days exceed threshold)	0	0	0	0	0
Max. 1-Hour Conc. (ppb)	0.0791	0.0647	0.0806	0.0701	0.0697
Coarse Particulates (PM_{10})[1]					
State 24-Hour > 50 µg/m^3 (days exceed threshold)	30	21	40	31	15
Federal 24-Hour > 150 µg/m^3 (days exceed threshold)	0	0	0	0	0
Max. 24-Hour Conc. (µg/m^3)	88.5	74.6	96.2	81.2	93.9
Fine Particulates ($PM_{2.5}$)[2]					
Federal 24-Hour > 35 µg/m^3 (days exceed threshold)	7	2	6	6	1
Max. 24-Hour Conc. (µg/m^3)	56.4	44.3	54.9	61.4	43.5

Source: California Air Resources Board (CARB). 2021. Air Pollution Data Monitoring Cards (2015, 2016, 2017, 2018, and 2019). https://www.arb.ca.gov/adam/topfour/topfour1.php
ppm: parts per million; parts per billion, µg/m^3: micrograms per cubic meter
Notes: * Data not available.
Data obtained from the Los Angeles – North Main Street Monitoring Station.

Sensitive Receptors

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Sensitive population groups include children, the elderly, the acutely ill, and the chronically ill, especially those with cardio-respiratory diseases.

Residential areas are also considered to be sensitive receptors to air pollution because residents (including children and the elderly) tend to be at home for extended periods of time, resulting in sustained exposure to any pollutants present. Schools are also considered sensitive receptors, as children are present for extended durations and engage in regular outdoor activities. Recreational land uses are considered moderately sensitive to air pollution. Although exposure periods are generally short, exercise places a high demand on respiratory functions, which can be impaired by air pollution. In addition, noticeable air pollution can detract from the enjoyment of recreation. Industrial and commercial areas are considered the least sensitive to air pollution. Exposure periods are relatively short and intermittent, as the majority of the workers tend to stay indoors most of the time. In addition, the working population is generally the healthiest segment of the public. The nearest sensitive receptor to the proposed Project site is the residence along Olympic Boulevard to the north.

Methodology

Projected construction-related air pollutant emissions are calculated using the California Emissions Estimator Model (CalEEMod), Version 2016.3.2.25.[43] CalEEMod compiles an emissions inventory of construction (fugitive dust, off-gas emissions, on-road emissions, and off-road emissions), area sources, indirect emissions from energy use, mobile sources, indirect emissions from waste disposal (annual only), and indirect emissions from water/wastewater (annual only) use.

Thresholds of Significance

The analysis of the proposed Project's air quality impacts follows the guidance and methodologies recommended in South Coast AQMD's *CEQA Air Quality Handbook* and the significance thresholds on the South Coast AQMD's website.[44] CEQA allows the significance criteria established by the applicable air quality management or air pollution control district to be used to assess impacts of a project on air quality. The South Coast AQMD has established thresholds of significance for regional air quality emissions for construction activities and project operation. In addition to the daily thresholds listed above, projects are also subject to the AAQS. These are addressed though an analysis of localized CO impacts and localized significance thresholds (LSTs).

REGIONAL SIGNIFICANCE THRESHOLDS

The South Coast AQMD has adopted regional construction and operational emissions thresholds to determine a project's cumulative impact on air quality in the SoCAB. Table 4 lists South Coast AQMD's regional significance thresholds that are applicable for all projects uniformly regardless of size or scope. There is growing evidence that although ultrafine particulates contribute a very small portion of the overall atmospheric mass concentration, they represent a greater proportion of the health risk from PM. However, the EPA or CARB have not yet adopted AAQS to regulate ultrafine particulates; therefore, South Coast AQMD has not developed thresholds for them.

[43] California Air Pollution Control Officers Association (CAPCOA). 2017. California Emissions Estimator Model (CalEEMod). Version 2016.3.2. Prepared by: BREEZE Software, A Division of Trinity Consultants in collaboration with South Coast Air Quality Management District and the California Air Districts.

[44] South Coast Air Quality Management District (South Coast AQMD). 2019, April (revised). South Coast AQMD Air Quality Significance Thresholds. http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf.

Table 4 South Coast AQMD Significance Thresholds

Air Pollutant	Construction Phase	Operational Phase
Reactive Organic Gases (ROGs)/ Volatile Organic Compounds (VOCs)	75 lbs/day	55 lbs/day
Nitrogen Oxides (NO_X)	100 lbs/day	55 lbs/day
Carbon Monoxide (CO)	550 lbs/day	550 lbs/day
Sulfur Oxides (SO_X)	150 lbs/day	150 lbs/day
Particulates (PM_{10})	150 lbs/day	150 lbs/day
Particulates ($PM_{2.5}$)	55 lbs/day	55 lbs/day

Source: South Coast AQMD. 2019. South Coast AQMD Air Quality Significance Thresholds. http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf.

Projects that exceed the regional significance threshold contribute to the nonattainment designation of the SoCAB. The attainment designations are based on the AAQS, which are set at levels of exposure that are determined to not result in adverse health. Exposure to fine particulate pollution and ozone causes myriad health impacts, particularly to the respiratory and cardiovascular systems:

- Linked to increased cancer risk ($PM_{2.5}$, TACs)
- Aggravates respiratory disease (O_3, $PM_{2.5}$)
- Increases bronchitis (O_3, $PM_{2.5}$)
- Causes chest discomfort, throat irritation, and increased effort to take a deep breath (O_3)
- Reduces resistance to infections and increases fatigue (O_3)
- Reduces lung growth in children ($PM_{2.5}$)
- Contributes to heart disease and heart attacks ($PM_{2.5}$)
- Contributes to premature death (O_3, $PM_{2.5}$)
- Linked to lower birth weight in newborns ($PM_{2.5}$) [45]

Exposure to fine particulates and ozone aggravates asthma attacks and can amplify other lung ailments such as emphysema and chronic obstructive pulmonary disease. Exposure to current levels of $PM_{2.5}$ is responsible for an estimated 4,300 cardiopulmonary-related deaths per year in the SoCAB. In addition, University of Southern California scientists responsible for a landmark children's health study found that lung growth improved as air pollution declined for children aged 11 to 15 in five communities in the SoCAB.[46]

Mass emissions in Table 4 are not correlated with concentrations of air pollutants but contribute to the cumulative air quality impacts in the SoCAB. Therefore, regional emissions from a single project do not single-handedly trigger a regional health impact. The South Coast AQMD is the primary agency responsible for ensuring the health and welfare of sensitive individuals to elevated concentrations of air quality in the SoCAB.

[45] South Coast Air Quality Management District (South Coast AQMD). 2011a, December. The Health Effects of Air Pollution. http://www.aqmd.gov/docs/default-source/publications/brochures/the-health-effects-of-air-pollution-brochure.pdf.

[46] South Coast Air Quality Management District (South Coast AQMD). 2015, October. "Blueprint for Clean Air: 2016 AQMP White Paper." 2016 AQMP White Papers Web Page. https://www.aqmd.gov/docs/default-source/Agendas/aqmp/white-paper-working-groups/wp-blueprint-final.pdf?sfvrsn=2.

To achieve the health-based standards established by the EPA, the South Coast AQMD prepares an AQMP that details regional programs to attain the AAQS.

CO HOTSPOTS

Areas of vehicle congestion have the potential to create pockets of CO called hot spots. These pockets have the potential to exceed the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm. Because CO is produced in greatest quantities from vehicle combustion and does not readily disperse into the atmosphere, adherence to ambient air quality standards is typically demonstrated through an analysis of localized CO concentrations. Hot spots are typically produced at intersections, where traffic congestion is highest because vehicles queue for longer periods and are subject to reduced speeds. With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations in the SoCAB and in the state have steadily declined.

In 2007, the SoCAB was designated in attainment for CO under both the California AAQS and National AAQS. The CO hot spot analysis conducted for the attainment by the South Coast AQMD for busiest intersections in Los Angeles during the peak morning and afternoon periods plan did not predict a violation of CO standards.[47] As identified in the South Coast AQMD's 2003 AQMP[48] and the 1992 Federal Attainment Plan for Carbon Monoxide (1992 CO Plan), peak carbon monoxide concentrations in the SoCAB in previous years, prior to redesignation, were a result of unusual meteorological and topographical conditions and not a result of congestion at a particular intersection. Under existing and future vehicle emission rates, a project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour—or 24,000 vehicles per hour where vertical and/or horizontal air does not mix—in order to generate a significant CO impact.[49]

LOCALIZED SIGNIFICANCE THRESHOLDS

The South Coast AQMD developed LSTs for emissions of NO_2, CO, PM_{10}, and $PM_{2.5}$ generated at the project site (offsite mobile-source emissions are not included in the LST analysis). LSTs represent the maximum emissions at a project site that are not expected to cause or contribute to an exceedance of the most stringent federal or state AAQS and are shown in Table 5.

[47] The four intersections were: Long Beach Boulevard and Imperial Highway; Wilshire Boulevard and Veteran Avenue; Sunset Boulevard and Highland Avenue; and La Cienega Boulevard and Century Boulevard. The busiest intersection evaluated (Wilshire and Veteran) had a daily traffic volume of approximately 100,000 vehicles per day with LOS E in the morning peak hour and LOS F in the evening peak hour.

[48] South Coast Air Quality Management District (South Coast AQMD). 2003, August. 2003 Air Quality Management Plan. Appendix V. https://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/2003-aqmp.

[49] Bay Area Air Quality Management District (BAAQMD). 2017, May. California Environmental Quality Act Air Quality Guidelines. http://www.baaqmd.gov/~/media/files/planning-and-research/ceqa/ceqa_guidelines_may2017-pdf.pdf?la=en.

Table 5 South Coast AQMD Localized Significance Thresholds

Air Pollutant (Relevant AAQS)	Concentration
1-Hour CO Standard (CAAQS)	20 ppm
8-Hour CO Standard (CAAQS)	9.0 ppm
1-Hour NO_2 Standard (CAAQS)	0.18 ppm
Annual NO_2 Standard (CAAQS)	0.03 ppm
24-Hour PM_{10} Standard – Construction (South Coast AQMD)[1]	10.4 µg/m^3
24-Hour $PM_{2.5}$ Standard – Construction (South Coast AQMD)[1]	10.4 µg/m^3
24-Hour PM_{10} Standard – Operation (South Coast AQMD)[1]	2.5 µg/m^3
24-Hour $PM_{2.5}$ Standard – Operation (South Coast AQMD)[1]	2.5 µg/m^3

Source: South Coast Air Quality Management District (South Coast AQMD). 2019, April (revised). South Coast AQMD Air Quality Significance Thresholds. http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf..
ppm – parts per million; µg/m^3 – micrograms per cubic meter
[1] Threshold is based on South Coast AQMD Rule 403. Since the SoCAB is in nonattainment for PM_{10} and $PM_{2.5}$, the threshold is established as an allowable change in concentration. Therefore, background concentration is irrelevant.

To assist lead agencies, South Coast AQMD developed screening-level LSTs to back-calculate the mass amount (lbs. per day) of emissions generated onsite that would trigger the levels shown in Table 5 for projects under 5-acres. These "screening-level" LSTs tables are the localized significance thresholds for all projects of five acres and less; however, it can be used as screening criteria for larger projects to determine whether or not dispersion modeling may be required to compare concentrations of air pollutants generated by the project to the localized concentrations shown in Table 5.

In accordance with South Coast AQMD's LST methodology, the screening-level construction LSTs are based on the acreage disturbed per day based on equipment use. The screening-level construction LSTs for the project site in SRA 1 are shown in Table 6, *South Coast AQMD Screening-Level Construction Localized Significance Thresholds,* for sensitive receptors within 82 feet (25 meters).

Table 6 South Coast AQMD Screening-Level Construction Localized Significance Thresholds

	Threshold (lbs/day)[1]			
Acreage Disturbed	Nitrogen Oxides (NO_X)	Carbon Monoxide (CO)	Coarse Particulates (PM_{10})	Fine Particulates ($PM_{2.5}$)
≤1.00 Acre Disturbed Per Day	74	680	5.00	3.00

Sources:
South Coast Air Quality Management District (South Coast AQMD). 2008, July. Final Localized Significance Threshold Methodology. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf.
South Coast Air Quality Management District (South Coast AQMD). 2011. Fact Sheet for Applying CalEEMod to Localized Significance Thresholds. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/caleemod-guidance.pdf.
[1] LSTs are based on receptors within 82 feet (25 meters) in SRA 1.

The screening-level operational LSTs in SRA 1 are shown in Table 7.

Table 7 SCAQMD Screening-Level Operational Localized Significance Thresholds

Air Pollutant	Threshold (lbs/day) 1-Acre Operational LSTs
Nitrogen Oxides (NO_X)[1]	74
Carbon Monoxide (CO)[1]	680
Coarse Particulates (PM_{10})[2]	2
Fine Particulates ($PM_{2.5}$)[2]	1

Source: SCAQMD 2008b; SCAQMD 2011, Based on receptors in SRA 1.
[1] Screening-level LSTs are based on sensitive receptors within 82 feet (25 meters).

Health Risk

Whenever a project would require use of chemical compounds that have been identified in South Coast AQMD Rule 1401, placed on CARB's air toxics list pursuant to AB 1807, or placed on the EPA's National Emissions Standards for Hazardous Air Pollutants, a health risk assessment is required by the South Coast AQMD. Table 8 lists the TAC incremental risk thresholds for operation of a project. The purpose of this environmental evaluation is to identify the significant effects of the proposed Project on the environment, not the significant effects of the environment on the proposed Project. (*California Building Industry Association v. Bay Area Air Quality Management District (2015) 62 Cal.4th 369 (Case No. S213478)*). CEQA does not require CEQA-level environmental document to analyze the environmental effects of attracting development and people to an area. However, the environmental document must analyze the impacts of environmental hazards on future users, when a proposed project exacerbates an existing environmental hazard or condition. Residential, commercial, and office uses do not use substantial quantities of TACs and typically do not exacerbate existing hazards, so these thresholds are typically applied to new industrial projects.

Table 8 South Coast AQMD Toxic Air Contaminants Incremental Risk Thresholds

Maximum Incremental Cancer Risk	≥ 10 in 1 million
Hazard Index (project increment)	≥ 1.0
Cancer Burden in areas ≥ 1 in 1 million	> 0.5 excess cancer cases

Source: South Coast AQMD 2019. South Coast AQMD Air Quality Significance Thresholds. http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf.

GREENHOUSE GAS EMISSIONS

Scientists have concluded that human activities are contributing to global climate change by adding large amounts of heat-trapping gases, known as GHG, to the atmosphere. Climate change is the variation of Earth's climate over time, whether due to natural variability or as a result of human activities. The primary source of these GHG is fossil fuel use. The Intergovernmental Panel on Climate Change (IPCC) has identified four major GHG—water vapor,[50] carbon (CO_2), methane (CH_4), and ozone (O_3)—that are the likely cause of an increase in global average temperatures observed within the 20th and 21st centuries. Other GHG identified by the IPCC that contribute to global warming to a lesser extent include nitrous oxide (N_2O), sulfur hexafluoride (SF_6), hydrofluorocarbons, perfluorocarbons, and chlorofluorocarbons.[51, 52] The major GHG are briefly described below.

- **Carbon dioxide (CO_2)** enters the atmosphere through the burning of fossil fuels (oil, natural gas, and coal), solid waste, trees and wood products, and respiration, and also as a result of other chemical reactions (e.g. manufacture of cement). Carbon dioxide is removed from the atmosphere (sequestered) when it is absorbed by plants as part of the biological carbon cycle.

- **Methane (CH_4)** is emitted during the production and transport of coal, natural gas, and oil. Methane emissions also result from livestock and other agricultural practices and from the decay of organic waste in municipal landfills and water treatment facilities.

- **Nitrous oxide (N_2O)** is emitted during agricultural and industrial activities as well as during combustion of fossil fuels and solid waste.

- **Fluorinated gases** are synthetic, strong GHGs that are emitted from a variety of industrial processes. Fluorinated gases are sometimes used as substitutes for ozone-depleting substances. These gases are typically emitted in smaller quantities, but because they are potent GHGs, they are sometimes referred to as high global-warming-potential (GWP) gases.

    - ***Chlorofluorocarbons (CFCs***) are GHGs covered under the 1987 Montreal Protocol and used for refrigeration, air conditioning, packaging, insulation, solvents, or aerosol propellants. Since they are not destroyed in the lower atmosphere (troposphere, stratosphere), CFCs drift into the upper atmosphere where, given suitable conditions, they break down ozone. These gases are also ozone-depleting gases

[50] Water vapor (H_2O) is the strongest GHG and the most variable in its phases (vapor, cloud droplets, ice crystals). However, water vapor is not considered a pollutant, but part of the feedback loop rather than a primary cause of change.

[51] Black carbon contributes to climate change both directly, by absorbing sunlight, and indirectly, by depositing on snow (making it melt faster) and by interacting with clouds and affecting cloud formation. Black carbon is the most strongly light-absorbing component of particulate matter (PM) emitted from burning fuels such as coal, diesel, and biomass. Reducing black carbon emissions globally can have immediate economic, climate, and public health benefits. California has been an international leader in reducing emissions of black carbon, with close to 95 percent control expected by 2020 due to existing programs that target reducing PM from diesel engines and burning activities (California Air Resources Board (CARB). 2017, March 14. Final Proposed Short-Lived Climate Pollutant Reduction Strategy. https://www.arb.ca.gov/cc/shortlived/shortlived.htm). However, state and national GHG inventories do not yet include black carbon due to ongoing work resolving the precise global warming potential of black carbon. Guidance for CEQA documents does not yet include black carbon.

[52] Intergovernmental Panel on Climate Change (IPCC). 2001. Third Assessment Report: Climate Change 2001. New York: Cambridge University Press. https://www.ipcc.ch/site/assets/uploads/2018/03/WGI_TAR_full_report.pdf.

and are therefore being replaced by other compounds that are GHGs covered under the Kyoto Protocol.

- ***Perfluorocarbons (PFCs)*** are a group of human-made chemicals composed of carbon and fluorine only. These chemicals (predominantly perfluoromethane [CF_4] and perfluoroethane [C_2F_6]) were introduced as alternatives, along with HFCs, to the ozone-depleting substances. In addition, PFCs are emitted as by-products of industrial processes and are used in manufacturing. PFCs do not harm the stratospheric ozone layer, but they have a high global warming potential.

- ***Sulfur Hexafluoride (SF_6)*** is a colorless gas soluble in alcohol and ether, slightly soluble in water. SF_6 is a strong GHG used primarily in electrical transmission and distribution systems as an insulator.

- ***Hydrochlorofluorocarbons (HCFCs)*** contain hydrogen, fluorine, chlorine, and carbon atoms. Although ozone-depleting substances, they are less potent at destroying stratospheric ozone than CFCs. They have been introduced as temporary replacements for CFCs and are also GHGs.

- ***Hydrofluorocarbons (HFCs)*** contain only hydrogen, fluorine, and carbon atoms. They were introduced as alternatives to ozone-depleting substances to serve many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are also used in manufacturing. They do not significantly deplete the stratospheric ozone layer, but they are strong GHGs.[53,54]

GHGs are dependent on the lifetime or persistence of the gas molecule in the atmosphere. Some GHGs have stronger greenhouse effects than others. These are referred to as high GWP gases. The GWP of GHG emissions are shown in Table 9. The GWP is used to convert GHGs to CO_2-equivalence (CO_2e) to show the relative potential that different GHGs have to retain infrared radiation in the atmosphere and contribute to the greenhouse effect. For example, under IPCC's Fourth Assessment Report (AR4) GWP values for CH_4, a project that generates 10 metric tons (MT) of CH_4 would be equivalent to 250 MT of CO_2.[55]

[53] Intergovernmental Panel on Climate Change (IPCC). 2001. Third Assessment Report: Climate Change 2001. New York: Cambridge University Press. https://www.ipcc.ch/site/assets/uploads/2018/03/WGI_TAR_full_report.pdf.

[54] US Environmental Protection Agency (USEPA). 2019. Overview of Greenhouse Gases. http://www3.epa.gov/climatechange/ghgemissions/gases.html.

[55] Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007. New York: Cambridge University Press. https://www.ipcc.ch/site/assets/uploads/2018/02/ar4_syr_full_report.pdf

Table 9 GHG Emissions and Their Relative Global Warming Potential Compared to CO_2

GHGs	Second Assessment Report Atmospheric Lifetime (Years)	Fourth Assessment Report Atmospheric Lifetime (Years)	Second Assessment Report Global Warming Potential Relative to CO_2[1]	Fourth Assessment Report Global Warming Potential Relative to CO_2[1]
Carbon Dioxide (CO_2)	50 to 200	50 to 200	1	1
Methane[2] (CH_4)	12 (±3)	12	21	25
Nitrous Oxide (N_2O)	120	114	310	298
Hydrofluorocarbons:				
HFC-23	264	270	11,700	14,800
HFC-32	5.6	4.9	650	675
HFC-125	32.6	29	2,800	3,500
HFC-134a	14.6	14	1,300	1,430
HFC-143a	48.3	52	3,800	4,470
HFC-152a	1.5	1.4	140	124
HFC-227ea	36.5	34.2	2,900	3,220
HFC-236fa	209	240	6,300	9,810
HFC-4310mee	17.1	15.9	1,300	1,030
Perfluoromethane: CF_4	50,000	50,000	6,500	7,390
Perfluoroethane: C_2F_6	10,000	10,000	9,200	12,200
Perfluorobutane: C_4F_{10}	2,600	NA	7,000	8,860
Perfluoro-2-methylpentane: C_6F_{14}	3,200	NA	7,400	9,300
Sulfur Hexafluoride (SF_6)	3,200	NA	23,900	22,800

Source: Intergovernmental Panel on Climate Change (IPCC). 1995. Second Assessment Report: Climate Change 1995 https://www.ipcc.ch/site/assets/uploads/2018/02/ipcc_sar_wg_I_full_report.pdf.
Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report: Climate Change 2007. New York: Cambridge University Press. https://www.ipcc.ch/site/assets/uploads/2018/02/ar4_syr_full_report.pdf.

Notes: The GWP values in the IPCC's Fifth Assessment Report (2013)[56] reflect new information on atmospheric lifetimes of GHGs and an improved calculation of the radiative forcing of CO_2. However, South Coast AQMD uses the AR4 GWP values to maintain consistency in statewide GHG emissions modeling. In addition, the 2017 Scoping Plan Update was based on the AR4 GWP values.

1 Based on 100-year time horizon of the GWP of the air pollutant relative to CO_2.

2 The methane GWP includes direct effects and indirect effects due to the production of tropospheric ozone and stratospheric water vapor. The indirect effect due to the production of CO_2 is not included.

California's Greenhouse Gas Sources and Relative Contribution

In 2020, the statewide GHG emissions inventory was updated for 2000 to 2018 emissions using the GWPs in IPCC's AR4.[57] Based on these GWPs, California produced 425.3 $MMTCO_2e$ GHG emissions in 2018. California's transportation sector was the single largest generator of GHG emissions, producing 39.9 percent of the state's total emissions. Industrial sector emissions made up 21.0 percent, and electric power generation made up 14.8 percent of the state's emissions inventory. Other major sectors of GHG emissions include

[56] Intergovernmental Panel on Climate Change (IPCC). 2013. Fifth Assessment Report: Climate Change 2013. New York: Cambridge University Press. https://www.ipcc.ch/site/assets/uploads/2018/02/WG1AR5_all_final.pdf.

[57] Methodology for determining the statewide GHG inventory is not the same as the methodology used to determine statewide GHG emissions under Assembly Bill 32 (2006).

commercial and residential (9.7 percent), agriculture and forestry (7.7 percent) high GWP (4.8 percent), and recycling and waste (2.1 percent).[58]

Since the peak level in 2004, California statewide GHG emissions dropped below the 2020 GHG limit of 431 $MMCO_2e$ in 2016 and have remained below the 2020 GHG limit since then. In 2018, emissions from routine GHG emitting activities statewide were 6 $MMTCO_2e$ lower than the 2020 GHG limit. Per capita GHG emissions in California have dropped from a 2001 peak of 14.0 $MTCO_2e$ per person to 10.7 $MTCO_2e$ per person in 2018, a 24 percent decrease. Transportation emissions decreased in 2018 compared to the previous year, which is the first year over year decrease since 2013. Since 2008, California's electricity sector has followed an overall downward trend in emissions. In 2018, solar power generation has continued its rapid growth since 2013. Emissions from high-GWP gases increased 2.3 percent in 2018 (2000-2018 average year-over-year increase is 6.8 percent), continuing the increasing trend as they replace Ozone Depleting Substances (ODS) being phased out under the 1987 Montreal Protocol. Overall trends in the inventory also demonstrate that the carbon intensity of California's economy (the amount of carbon pollution per million dollars of gross domestic product (GDP)) is declining, representing a 43 percent decline since the 2001 peak, while the state's GDP has grown 59 percent during this period.[59]

Regulatory Settings

REGULATION OF GHG EMISSIONS ON A NATIONAL LEVEL

The EPA announced on December 7, 2009, that GHG emissions threaten the public health and welfare of the American people and that GHG emissions from on-road vehicles contribute to that threat. The EPA's final findings respond to the 2007 U.S. Supreme Court decision that GHG emissions fit within the Clean Air Act definition of air pollutants. The findings do not in and of themselves impose any emission reduction requirements but allow the EPA to finalize the GHG standards proposed in 2009 for new light-duty vehicles as part of the joint rulemaking with the Department of Transportation. [60]

To regulate GHGs from passenger vehicles, EPA was required to issue an endangerment finding. The finding identifies emissions of six key GHGs—CO_2, CH_4, N_2O, hydrofluorocarbons, perfluorocarbons, and SF_6—that have been the subject of scrutiny and intense analysis for decades by scientists in the United States and around the world. The first three are applicable to the project's GHG emissions inventory because they constitute the majority of GHG emissions and, per South Coast AQMD guidance, are the GHG emissions that should be evaluated as part of a project's GHG emissions inventory.

[58] California Air Resources Board (CARB). 2020. 2020 California Greenhouse Gas 2000-2018 Emissions Trends and Indicators Report. https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2018/ghg_inventory_trends_00-18.pdf.

[59] California Air Resources Board (CARB). 2020. 2020 California Greenhouse Gas 2000-2018 Emissions Trends and Indicators Report. https://ww3.arb.ca.gov/cc/inventory/pubs/reports/2000_2018/ghg_inventory_trends_00-18.pdf.

[60] US Environmental Protection Agency (USEPA). 2009, December. EPA: Greenhouse Gases Threaten Public Health and the Environment. Science overwhelmingly shows greenhouse gas concentrations at unprecedented levels due to human activity. https://archive.epa.gov/epapages/newsroom_archive/newsreleases/08d11a451131bca585257685005bf252.html.

US Mandatory Report Rule for GHGs (2009)

In response to the endangerment finding, the EPA issued the Mandatory Reporting of GHG Rule that requires substantial emitters of GHG emissions (large stationary sources, etc.) to report GHG emissions data. Facilities that emit 25,000 MT or more of CO_2 per year are required to submit an annual report.

Update to Corporate Average Fuel Economy Standards (2017 to 2026)

The federal government issued new Corporate Average Fuel Economy (CAFE) standards in 2012 for model years 2017 to 2025, which required a fleet average of 54.5 miles per gallon in 2025. On March 30, 2020, the EPA finalized an updated CAFE and GHG emissions standards for passenger cars and light trucks and established new standards covering model years 2021 through 2026, known as the Safer Affordable Fuel Efficient (SAFE) Vehicles Final Rule for Model Years 2021 to 2026. However, in May 2020, California and 22 other states; the District of Columbia; the cities of Los Angeles, Denver, and New York; and the counties of San Francisco and Denver filed a lawsuit with the U.S. Court of Appeals for the District of Columbia Circuit, challenging the SAFE Rule. To date, a ruling has not been made on the lawsuit. In addition, a consortium of automakers and California have agreed on a voluntary framework to reduce emissions that can serve as an alternative path forward for clean vehicle standards nationwide. Automakers who agreed to the framework are Ford, Honda, BMW of North America, and Volkswagen Group of America. The framework supports continued annual reductions of vehicle GHG emissions through the 2026 model year, encourages innovation to accelerate the transition to electric vehicles, and gives industry the certainty needed to make investments and create jobs. This commitment means that the auto companies which are party to the voluntary agreement will only sell cars in the United States that meet these standards.[61]

EPA Regulation of Stationary Sources under the Clean Air Act (Ongoing)

Pursuant to its authority under the Clean Air Act, the EPA has been developing regulations for new, large, stationary sources of emissions, such as power plants and refineries. Under former President Obama's 2013 Climate Action Plan, the EPA was directed to develop regulations for existing stationary sources as well. On June 19, 2019, the EPA issued the final Affordable Clean Energy (ACE) rule which became effective on August 19, 2019. The ACE rule was crafted under the direction of President Trump's Energy Independence Executive Order. It officially rescinds the Clean Power Plan rule issued during the Obama Administration and sets emissions guidelines for states in developing plans to limit CO_2 emissions from coal-fired power plants.

REGULATION OF GHG EMISSIONS ON A STATE LEVEL

Current State of California guidance and goals for reductions in GHG emissions are generally embodied in Executive Order S-3-05, Executive Order B-30-15, Assembly Bill 32 (AB 32), Senate Bill 32 (SB 32) and Senate Bill 375 (SB 375).

[61] California Air Resources Board (CARB). 2021, March 1 (accessed). California and Major Automakers Reach Groundbreaking Framework Agreement on Clean Emission Standards. https://ww2.arb.ca.gov/news/california-and-major-automakers-reach-groundbreaking-framework-agreement-clean-emission.

Executive Order S-3-05

Executive Order S-3-05, signed June 1, 2005. Executive Order S-3-05 set the following GHG reduction targets for the State:

- 2000 levels by 2010
- 1990 levels by 2020
- 80 percent below 1990 levels by 2050

Assembly Bill 32, the Global Warming Solutions Act (2006)

Current State of California guidance and goals for reductions in GHG emissions are generally embodied in AB 32. AB 32 was passed by the California state legislature on August 31, 2006, to place the state on a course toward reducing its contribution of GHG emissions. AB 32 follows the 2020 tier of emissions reduction targets established in Executive Order S-03-05.

CARB 2008 Scoping Plan

The final Scoping Plan was adopted by CARB on December 11, 2008. The *2008 Scoping Plan* identified that GHG emissions in California are anticipated to be approximately 596 $MMTCO_2e$ in 2020. In December 2007, CARB approved a 2020 emissions limit of 427 $MMTCO_2e$ (471 million tons) for the state.[62] In order to effectively implement the emissions cap, AB 32 directed CARB to establish a mandatory reporting system to track and monitor GHG emissions levels for large stationary sources that generate more than 25,000 $MTCO_2e$ per year, prepare a plan demonstrating how the 2020 deadline can be met, and develop appropriate regulations and programs to implement the plan by 2012.

First Update to the Scoping Plan

CARB completed a five-year update to the 2008 Scoping Plan, as required by AB 32. The First Update to the Scoping Plan was adopted at the May 22, 2014, board hearing. The update highlights California's progress toward meeting the near-term 2020 GHG emission reduction goals defined in the original 2008 Scoping Plan. As part of the update, CARB recalculated the 1990 GHG emission levels with the updated AR4 GWPs, and the 427 $MMTCO_2e$ 1990 emissions level and 2020 GHG emissions limit, established in response to AB 32, is slightly higher at 431 $MMTCO_2e$. [63]

As identified in the Update to the Scoping Plan, California is on track to meeting the goals of AB 32. However, the update also addresses the state's longer-term GHG goals within a post-2020 element. The post-2020 element provides a high-level view of a long-term strategy for meeting the 2050 GHG goals, including a recommendation for the state to adopt a midterm target. According to the Update to the Scoping Plan, local government reduction targets should chart a reduction trajectory that is consistent with or exceeds the trajectory

[62] California Air Resources Board (CARB). 2008, October. Climate Change Proposed Scoping Plan, a Framework for Change. https://ww3.arb.ca.gov/cc/scopingplan/document/psp.pdf.

[63] California Air Resources Board (CARB). 2014, May 15. First Update to the Climate Change Scoping Plan: Building on the Framework, Pursuant to AB 32, The California Global Warming Solutions Act of 2006. http://www.arb.ca.gov/cc/scopingplan/document/updatedscopingplan2013.htm.

created by statewide goals.[64] CARB identified that reducing emissions to 80 percent below 1990 levels will require a fundamental shift to efficient, clean energy in every sector of the economy. Progressing toward California's 2050 climate targets will require significant acceleration of GHG reduction rates. Emissions from 2020 to 2050 will have to decline several times faster than the rate needed to reach the 2020 emissions limit.[65]

Executive Order B-30-15

Executive Order B-30-15, signed April 29, 2015, sets a goal of reducing GHG emissions in the state to 40 percent of 1990 levels by year 2030. Executive Order B-30-15 also directs CARB to update the Scoping Plan to quantify the 2030 GHG reduction goal for the state and requires state agencies to implement measures to meet the interim 2030 goal as well as the long-term goal for 2050 in Executive Order S-03-05. It also requires the Natural Resources Agency to conduct triennial updates of the California adaption strategy, Safeguarding California, in order to ensure climate change is accounted for in state planning and investment decisions.

Senate Bill 32 and Assembly Bill 197

In September 2016, Governor Brown signed SB 32 and AB 197 into law, making the Executive Order goal for year 2030 into a statewide mandated legislative target. AB 197 established a joint legislative committee on climate change policies and requires the CARB to prioritize direction emissions reductions rather than the market-based cap-and-trade program for large stationary, mobile, and other sources.

2017 Climate Change Scoping Plan Update

Executive Order B-30-15 and SB 32 required CARB to prepare another update to the Scoping Plan to address the 2030 target for the state. On December 24, 2017, CARB adopted the 2017 Climate Change Scoping Plan Update, which outlines potential regulations and programs, including strategies consistent with AB 197 requirements, to achieve the 2030 target. The 2017 Scoping Plan establishes a new emissions limit of 260 $MMTCO_2e$ for the year 2030, which corresponds to a 40 percent decrease in 1990 levels by 2030.[66]

California's climate strategy will require contributions from all sectors of the economy, including enhanced focus on zero- and near-zero emission (ZE/NZE) vehicle technologies; continued investment in renewables, such as solar roofs, wind, and other types of distributed generation; greater use of low carbon fuels; integrated land conservation and development strategies; coordinated efforts to reduce emissions of short-lived climate pollutants (methane, black carbon, and fluorinated gases); and an increased focus on integrated land use planning, to support livable, transit-connected communities and conservation of agricultural and other lands. Requirements for GHG reductions at stationary sources complement local air pollution control efforts by the

[64] California Air Resources Board (CARB). 2014, May 15. First Update to the Climate Change Scoping Plan: Building on the Framework, Pursuant to AB 32, The California Global Warming Solutions Act of 2006. http://www.arb.ca.gov/cc/scopingplan/document/updatedscopingplan2013.htm.

[65] California Air Resources Board (CARB). 2014, May 15. First Update to the Climate Change Scoping Plan: Building on the Framework, Pursuant to AB 32, The California Global Warming Solutions Act of 2006. http://www.arb.ca.gov/cc/scopingplan/document/updatedscopingplan2013.htm.

[66] California Air Resources Board (CARB). 2017, November. California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target. https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf.

local air districts to tighten criteria air pollutants and TACs emissions limits on a broad spectrum of industrial sources. Major elements of the 2017 Scoping Plan framework include:

- Implementing and/or increasing the standards of the Mobile Source Strategy, which include increasing ZEV buses and trucks;
- Low Carbon Fuel Standard (LCFS), with an increased stringency (18 percent by 2030).
- Implementation of SB 350, which expands the Renewables Portfolio Standard (RPS) to 50 percent RPS and doubles energy efficiency savings by 2030.
- California Sustainable Freight Action Plan, which improves freight system efficiency, utilizes near-zero emissions technology, and deployment of ZEV trucks.
- Implementing the proposed Short-Lived Climate Pollutant Strategy (SLPS), which focuses on reducing methane and hydrofluorocarbon emissions by 40 percent and anthropogenic black carbon emissions by 50 percent by year 2030.
- Post-2020 Cap-and-Trade Program that includes declining caps.
- Continued implementation of SB 375.
- Development of a Natural and Working Lands Action Plan to secure California's land base as a net carbon sink.

In addition to the statewide strategies listed above, the 2017 Climate Change Scoping Plan also identified local governments as essential partners in achieving the State's long-term GHG reduction goals and identified local actions to reduce GHG emissions. As part of the recommended actions, CARB recommends statewide targets of no more than 6 $MTCO_2e$ or less per capita by 2030 and 2 $MTCO_2e$ or less per capita by 2050. CARB recommends that local governments evaluate and adopt robust and quantitative locally-appropriate goals that align with the statewide per capita targets and the State's sustainable development objectives and develop plans to achieve the local goals. The statewide per capita goals were developed by applying the percent reductions necessary to reach the 2030 and 2050 climate goals (i.e., 40 percent and 80 percent, respectively) to the State's 1990 emissions limit established under AB 32. For CEQA projects, CARB states that lead agencies have discretion to develop evidenced-based numeric thresholds (mass emissions, per capita, or per service population)—consistent with the Scoping Plan and the state's long-term GHG goals. To the degree a project relies on GHG mitigation measures, CARB recommends that lead agencies prioritize on-site design features that reduce emissions, especially from VMT, and direct investments in GHG reductions within the project's region that contribute potential air quality, health, and economic co-benefits. Where further project design or regional investments are infeasible or not proven to be effective, CARB recommends mitigating potential GHG impacts through purchasing and retiring carbon credits.

The Scoping Plan scenario is set against what is called the business-as-usual (BAU) yardstick—that is, what would the GHG emissions look like if the State did nothing at all beyond the existing policies that are required and already in place to achieve the 2020 limit, as shown in Table 10. It includes the existing renewables requirements, advanced clean cars, the "10 percent" Low Carbon Fuel Standard (LCFS), and the SB 375 program for more vibrant communities, among others. However, it does not include a range of new policies or measures that have been developed or put into statute over the past two years. Also shown in the table, the known commitments are expected to result in emissions that are 60 $MMTCO_2e$ above the target in 2030. If the estimated GHG reductions from the known commitments are not realized due to delays in implementation or technology deployment, the post-2020 Cap-and-Trade Program would deliver the additional GHG reductions in the sectors it covers to ensure the 2030 target is achieved.

Table 10 2017 Climate Change Scoping Plan Emissions Reductions Gap

Modeling Scenario	2030 GHG Emissions $MMTCO_2e$
Reference Scenario (Business-as-Usual)	389
With Known Commitments	320
2030 GHG Target	**260**
Gap to 2030 Target	**60**

Source: California Air Resources Board. 2017, November. California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target. https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf.

Table 11 provides estimated GHG emissions by sector, compared to 1990 levels, and the range of GHG emissions for each sector estimated for 2030.

Table 11 2017 Climate Change Scoping Plan Emissions Change by Sector

Scoping Plan Sector	1990 $MMTCO_2e$	2030 Proposed Plan Ranges $MMTCO_2e$	% Change from 1990
Agricultural	26	24-25	-8% to -4%
Residential and Commercial	44	38-40	-14% to -9%
Electric Power	108	30-53	-72% to -51%
High GWP	3	8-11	267% to 367%
Industrial	98	83-90	-15% to -8%
Recycling and Waste	7	8-9	14% to 29%
Transportation (including TCU)	152	103-111	-32% to -27%
Net Sink[1]	-7	TBD	TBD
Sub Total	431	294-339	-32% to -21%
Cap-and-Trade Program	NA	24-79	NA
Total	**431**	**260**	**-40%**

Source: California Air Resources Board (CARB). 2017, November. California's 2017 Climate Change Scoping Plan: The Strategy for Achieving California's 2030 Greenhouse Gas Target. https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf.
Notes: TCU = Transportation, Communications, and Utilities; TBD: To Be Determined.
[1] Work is underway through 2017 to estimate the range of potential sequestration benefits from the natural and working lands sector.

Senate Bill 1383

On September 19, 2016, the Governor signed SB 1383 to supplement the GHG reduction strategies in the Scoping Plan to consider short-lived climate pollutants, including black carbon and CH_4. Black carbon is the light-absorbing component of fine particulate matter produced during incomplete combustion of fuels. SB 1383 requires the state board, no later than January 1, 2018, to approve and begin implementing that comprehensive strategy to reduce emissions of short-lived climate pollutants to achieve a reduction in methane by 40 percent, hydrofluorocarbon gases by 40 percent, and anthropogenic black carbon by 50 percent below 2013 levels by 2030, as specified. The bill also establishes targets for reducing organic waste in landfill. On March 14, 2017, CARB adopted the "Final Proposed Short-Lived Climate Pollutant Reduction Strategy," which identifies the state's approach to reducing anthropogenic and biogenic sources of short-lived climate pollutants. Anthropogenic sources of black carbon include on- and off-road transportation, residential wood burning, fuel combustion (charbroiling), and industrial processes. According to CARB, ambient levels of black carbon in California are 90 percent lower than in the early 1960s despite the tripling of diesel fuel use.[67] In-use on-road rules are expected to reduce black carbon emissions from on-road sources by 80 percent between 2000 and 2020. The South Coast AQMD is one of the air districts that requires air pollution control technologies for chain-driven broilers, which reduces particulate emissions from these char broilers by over 80 percent.[68] Additionally, South Coast AQMD Rule 445 limits installation of new fireplaces in the SoCAB.

Senate Bill 375

In 2008, SB 375, the Sustainable Communities and Climate Protection Act, was adopted to connect the GHG emissions reductions targets established in the 2008 Scoping Plan for the transportation sector to local land use decisions that affect travel behavior. Its intent is to reduce GHG emissions from light-duty trucks and automobiles (excludes emissions associated with goods movement) by aligning regional long-range transportation plans, investments, and housing allocations to local land use planning to reduce VMT and vehicle trips. Specifically, SB 375 required CARB to establish GHG emissions reduction targets for each of the 18 metropolitan planning organizations (MPOs). The Southern California Association of Governments (SCAG) is the MPO for the Southern California region, which includes the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial.

Pursuant to the recommendations of the Regional Transportation Advisory Committee, CARB adopted per capita reduction targets for each of the MPOs rather than a total magnitude reduction target. SCAG's targets are an 8 percent per capita reduction from 2005 GHG emission levels by 2020 and a 13 percent per capita reduction from 2005 GHG emission levels by 2035.[69] The 2020 targets are smaller than the 2035 targets because a significant portion of the built environment in 2020 has been defined by decisions that have already been made. In general, the 2020 scenarios reflect that more time is needed for large land use and transportation infrastructure changes. Most of the reductions in the interim are anticipated to come from improving the

[67] California Air Resources Board (CARB). 2017, March 14. Final Proposed Short-Lived Climate Pollutant Reduction Strategy. https://www.arb.ca.gov/cc/shortlived/shortlived.htm.

[68] California Air Resources Board (CARB). 2017, March 14. Final Proposed Short-Lived Climate Pollutant Reduction Strategy. https://www.arb.ca.gov/cc/shortlived/shortlived.htm.

[69] California Air Resources Board (CARB). 2010, September. Staff Report Proposed Regional Greenhouse Gas Emission Reduction Targets for Automobiles and Light Trucks Pursuant to Senate Bill 375. https://ww3.arb.ca.gov/cc/sb375/staffreport_sb375080910.pdf.

efficiency of the region's transportation network. The targets would result in 3 $MMTCO_2e$ of reductions by 2020 and 15 $MMTCO_2e$ of reductions by 2035. Based on these reductions, the passenger vehicle target in CARB's Scoping Plan (for AB 32) would be met.[70]

2017 Update to the SB 375 Targets

CARB is required to update the targets for the MPOs every eight years. In June 2017, CARB released updated targets and technical methodology and recently released another update in February 2018. The updated targets consider the need to further reduce VMT, as identified in the 2017 Scoping Plan Update, while balancing the need for additional and more flexible revenue sources to incentivize positive planning and action toward sustainable communities. Like the 2010 targets, the updated SB 375 targets are in units of percent per capita reduction in GHG emissions from automobiles and light trucks relative to 2005. This excludes reductions anticipated from implementation of state technology and fuels strategies and any potential future state strategies such as statewide road user pricing. The proposed targets call for greater per capita GHG emission reductions from SB 375 than are currently in place, which for 2035, translate into proposed targets that either match or exceed the emission reduction levels in the MPOs' currently adopted SCSs. As proposed, CARB staff's proposed targets would result in an additional reduction of over 8 $MMTCO_2e$ in 2035 compared to the current targets. For the next round of SCS updates, CARB's updated targets for the SCAG region are an 8 percent per capita GHG reduction in 2020 from 2005 levels (unchanged from the 2010 target) and a 19 percent per capita GHG reduction in 2035 from 2005 levels (compared to the 2010 target of 13 percent).[71] CARB adopted the updated targets and methodology on March 22, 2018. All SCSs adopted after October 1, 2018 are subject to these new targets.

SCAG's Regional Transportation Plan / Sustainable Communities Strategy

SB 375 requires each MPO to prepare a sustainable communities strategy in its regional transportation plan. For the SCAG region, the 2020-2045 Regional Transportation Plan / Sustainable Communities Strategy (RTP/SCS) (Connect SoCal) was adopted on September 3, 2020, and is an update to the 2016-2040 RTP/SCS.[72] In general, the RTP/SCS outlines a development pattern for the region that, when integrated with the transportation network and other transportation measures and policies, would reduce vehicle miles traveled from automobiles and light duty trucks and thereby reduce GHG emissions from these sources.

Connect SoCal focuses on the continued efforts of the previous RTP/SCSs to integrate transportation and land uses strategies in development of the SCAG region through horizon year 2045.[73] Connect SoCal forecasts that the SCAG region will meet its GHG per capita reduction targets of 8 percent by 2020 and 19 percent by

[70] California Air Resources Board (CARB). 2010, September. Regional Greenhouse Gas Emission Reduction Targets for Automobiles and Light Trucks Pursuant to Senate Bill 375. https://ww3.arb.ca.gov/board/res/2010/res10-31.pdf.

[71] California Air Resources Board (CARB). 2018, February. Proposed Update to the SB 375 Greenhouse Gas Emission Reduction Targets. https://www.arb.ca.gov/cc/inventory/data/data.htm.

[72] Southern California Association of Governments (SCAG). 2020, September 3. Connect SoCal Plan: The 2020-2045 Regional Transportation Plan / Sustainable Communities Strategy of The Southern California Association of Governments. https://www.connectsocal.org/Pages/Connect-SoCal-Final-Plan.aspx

[73] Southern California Association of Governments (SCAG). 2020, September 3. Connect SoCal Plan: The 2020-2045 Regional Transportation Plan / Sustainable Communities Strategy of The Southern California Association of Governments. https://www.connectsocal.org/Pages/Connect-SoCal-Final-Plan.aspx

2035. Additionally, Connect SoCal also forecasts that implementation of the plan will reduce VMT per capita in year 2045 by 4.1 percent compared to baseline conditions for that year. Connect SoCal includes a "Core Vision" that centers on maintaining and better managing the transportation network for moving people and goods while expanding mobility choices by locating housing, jobs, and transit closer together, and increasing investments in transit and complete streets.[74]

Assembly Bill 1493

California vehicle GHG emission standards were enacted under AB 1493 (Pavley I). Pavley I is a clean-car standard that reduces GHG emissions from new passenger vehicles (light-duty auto to medium-duty vehicles) from 2009 through 2016 and was anticipated to reduce GHG emissions from new passenger vehicles by 30 percent in 2016. California implements the Pavley I standards through a waiver granted to California by the EPA. In 2012, the EPA issued a Final Rulemaking that sets even more stringent fuel economy and GHG emissions standards for model year 2017 through 2025 light-duty vehicles (see also the discussion on the update to the Corporate Average Fuel Economy standards under *Federal Laws*, above). In January 2012, CARB approved the Advanced Clean Cars program (formerly known as Pavley II) for model years 2017 through 2025. The program combines the control of smog, soot, and global warming gases and requirements for greater numbers of zero-emission vehicles into a single package of standards. Under California's Advanced Clean Car program, by 2025, new automobiles will emit 34 percent fewer global warming gases and 75 percent fewer smog-forming emissions.

Executive Order S-01-07

On January 18, 2007, the state set a new LCFS for transportation fuels sold in the state. Executive Order S-01-07 sets a declining standard for GHG emissions measured in carbon dioxide equivalent gram per unit of fuel energy sold in California. The LCFS requires a reduction of 2.5 percent in the carbon intensity of California's transportation fuels by 2015 and a reduction of at least 10 percent by 2020. The standard applies to refiners, blenders, producers, and importers of transportation fuels, and would use market-based mechanisms to allow these providers to choose how they reduce emissions during the "fuel cycle" using the most economically feasible methods.

Senate Bills 1078, 107, X1-2, and Executive Order S-14-08

A major component of California's Renewable Energy Program is the RPS established under Senate Bills 1078 (Sher) and 107 (Simitian). Under the RPS, certain retail sellers of electricity were required to increase the amount of renewable energy each year by at least 1 percent in order to reach at least 20 percent by December 30, 2010. Executive Order S-14-08 was signed in November 2008, which expanded the state's Renewable Energy Standard to 33 percent renewable power by 2020. This standard was adopted by the legislature in 2011 (SB X1-2). Renewable sources of electricity include wind, small hydropower, solar, geothermal, biomass, and biogas. The increase in renewable sources for electricity production will decrease indirect GHG emissions from

[74] Southern California Association of Governments (SCAG). 2020, September 3. Connect SoCal Plan: The 2020-2045 Regional Transportation Plan / Sustainable Communities Strategy of The Southern California Association of Governments. https://www.connectsocal.org/Pages/Connect-SoCal-Final-Plan.aspx

development projects, because electricity production from renewable sources is generally considered carbon neutral.

Senate Bill 350

Senate Bill 350 (de Leon), was signed into law in September 2015. SB 350 establishes tiered increases to the RPS of 40 percent by 2024, 45 percent by 2027, and 50 percent by 2030. SB 350 also set a new goal to double the energy efficiency savings in electricity and natural gas through energy efficiency and conservation measures.

Senate Bill 100

On September 10, 2018, Governor Brown signed SB 100, which raises California's RPS requirements to 60 percent by 2030, with interim targets, and 100 percent by 2045. The bill also establishes a state policy that eligible renewable energy resources and zero-carbon resources supply 100 percent of all retail sales of electricity to California end-use customers and 100 percent of electricity procured to serve all state agencies by December 31, 2045. Under the bill, the state cannot increase carbon emissions elsewhere in the western grid or allow resource shuffling to achieve the 100 percent carbon-free electricity target.

Executive Order B-55-18

Executive Order B-55-18, signed September 10, 2018, sets a goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." Executive Order B-55-18 directs CARB to work with relevant state agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal. The goal of carbon neutrality by 2045 is in addition to other statewide goals, meaning not only should emissions be reduced to 80 percent below 1990 levels by 2050, but that, by no later than 2045, the remaining emissions be offset by equivalent net removals of CO_2e from the atmosphere, including through sequestration in forests, soils, and other natural landscapes.

Executive Order B-16-2012

On March 23, 2012, the state identified that CARB, the California Energy Commission (CEC), the Public Utilities Commission, and other relevant agencies worked with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to accommodate zero-emissions vehicles in major metropolitan areas, including infrastructure to support them (e.g., electric vehicle charging stations). The executive order also directs the number of zero-emission vehicles in California's state vehicle fleet to increase through the normal course of fleet replacement so that at least 10 percent of fleet purchases of light-duty vehicles are zero-emission by 2015 and at least 25 percent by 2020. The executive order also establishes a target for the transportation sector of reducing GHG emissions from the transportation sector 80 percent below 1990 levels.

Executive Order N-79-20

On September 23, 2020 Governor Newsom signed Executive Order N-79-20 which identifies a goal that 100 percent of in-state sales of new passenger cars and trucks will be zero-emission by 2035. Additionally, this Executive Order identified fleet goals for trucks of 100 percent of drayage trucks be zero emissions by 2035 and 100 percent of medium- and heavy-duty vehicles in the State be zero-emission by 2045, for all operations

where feasible. Additionally, the Executive Order identifies a goal for the State to transition to 100 percent zero-emission off-road vehicles and equipment by 2035 where feasible.

California Building Code: Building Energy Efficiency Standards

Energy conservation standards for new residential and non-residential buildings were adopted by the California Energy Resources Conservation and Development Commission (now the CEC) in June 1977 and most recently revised in 2019 (Title 24, Part 6, of the California Code of Regulations [CCR]). Title 24 requires the design of building shells and building components to conserve energy. The standards are updated periodically to allow for consideration and possible incorporation of new energy efficiency technologies and methods. The 2019 Building Energy Efficiency Standards, which were adopted on May 9, 2018, went into effect on January 1, 2020.

The 2019 standards move towards cutting energy use in new homes by more than 50 percent and will require installation of solar photovoltaic systems for single-family homes and multi-family buildings of 3 stories and less. Four key areas the 2019 standards will focus on include 1) smart residential photovoltaic systems; 2) updated thermal envelope standards (preventing heat transfer from the interior to exterior and vice versa); 3) residential and nonresidential ventilation requirements; 4) and nonresidential lighting requirements.[75] Under the 2019 standards, nonresidential buildings will be 30 percent more energy efficient compared to the 2016 standards while single-family homes will be 7 percent more energy efficient.[76] When accounting for the electricity generated by the solar photovoltaic system, single-family homes would use 53 percent less energy compared to homes built to the 2016 standards.[77]

California Building Code: CALGreen

On July 17, 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (24 CCR, Part 11, known as "CALGreen") was adopted as part of the California Building Standards Code. CALGreen established planning and design standards for sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and internal air contaminants.[78] The mandatory provisions of CALGreen became effective January 1, 2011. The CEC adopted the voluntary standards of the 2019 CALGreen on October 3, 2018. The 2019 CALGreen standards become effective January 1, 2020.

2006 Appliance Efficiency Regulations

The 2006 Appliance Efficiency Regulations (20 CCR §§ 1601–1608) were adopted by the CEC on October 11, 2006, and approved by the California Office of Administrative Law on December 14, 2006. The regulations include standards for both federally regulated appliances and non–federally regulated appliances. Though these

[75] California Energy Commission (CEC). 2018. News Release: Energy Commission Adopts Standards Requiring Solar Systems for New Homes, First in Nation. https://www.energy.ca.gov/news/2018-05/energy-commission-adopts-standards-requiring-solar-systems-new-homes-first.

[76] California Energy Commission (CEC). 2018. 2019 Building Energy and Efficiency Standards Frequently Asked Questions. https://www.energy.ca.gov/sites/default/files/2020-03/Title_24_2019_Building_Standards_FAQ_ada.pdf.

[77] California Energy Commission (CEC). 2018. 2019 Building Energy and Efficiency Standards Frequently Asked Questions. https://www.energy.ca.gov/sites/default/files/2020-03/Title_24_2019_Building_Standards_FAQ_ada.pdf.

[78] The green building standards became mandatory in the 2010 edition of the code.

regulations are now often viewed as "business as usual," they exceed the standards imposed by all other states, and they reduce GHG emissions by reducing energy demand.

Solid Waste Regulations

California's Integrated Waste Management Act of 1989 (AB 939; Public Resources Code §§ 40050 et seq.) set a requirement for cities and counties throughout the state to divert 50 percent of all solid waste from landfills by January 1, 2000, through source reduction, recycling, and composting. In 2008, the requirements were modified to reflect a per capita requirement rather than tonnage. To help achieve this, the act requires that each city and county prepare and submit a source reduction and recycling element. AB 939 also established the goal for all California counties to provide at least 15 years of ongoing landfill capacity.

AB 341 (Chapter 476, Statutes of 2011) increased the statewide goal for waste diversion to 75 percent by 2020 and requires recycling of waste from commercial and multifamily residential land uses. Section 5.408 of the CALGreen also requires that at least 65 percent of the nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse.

The California Solid Waste Reuse and Recycling Access Act (AB 1327; Public Resources Code §§ 42900 et seq.) requires areas to be set aside for collecting and loading recyclable materials in development projects. The act required the California Integrated Waste Management Board to develop a model ordinance for adoption by any local agency requiring adequate areas for collection and loading of recyclable materials as part of development projects. Local agencies are required to adopt the model or an ordinance of their own.

Section 5.408 of the 2019 CALGreen also requires that at least 65 percent of the nonhazardous construction and demolition waste from nonresidential construction operations be recycled and/or salvaged for reuse.

In October of 2014, Governor Brown signed AB 1826, requiring businesses to recycle their organic waste on and after April 1, 2016, depending on the amount of waste they generate per week. This law also requires that on and after January 1, 2016, local jurisdictions across the state implement an organic waste recycling program to divert organic waste generated by businesses, including multifamily residential dwellings that consist of five or more units. Organic waste means food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste.

Water Efficiency Regulations

The 20x2020 Water Conservation Plan was issued by the Department of Water Resources (DWR) in 2010 pursuant to Senate Bill 7, which was adopted during the 7th Extraordinary Session of 2009–2010 and therefore dubbed "SBX7-7." SBX7-7 mandated urban water conservation and authorized the DWR to prepare a plan implementing urban water conservation requirements (20x2020 Water Conservation Plan). In addition, it required agricultural water providers to prepare agricultural water management plans, measure water deliveries to customers, and implement other efficiency measures. SBX7-7 requires urban water providers to adopt a water conservation target of 20 percent reduction in urban per capita water use by 2020 compared to 2005 baseline use.

The Water Conservation in Landscaping Act of 2006 (AB 1881) requires local agencies to adopt the updated DWR model ordinance or equivalent. AB 1881 also requires the CEC to consult with the DWR to adopt, by regulation, performance standards and labeling requirements for landscape irrigation equipment, including irrigation controllers, moisture sensors, emission devices, and valves to reduce the wasteful, uneconomic, inefficient, or unnecessary consumption of energy or water.

Thresholds of Significance

The CEQA Guidelines recommend that a lead agency consider the following when assessing the significance of impacts from GHG emissions on the environment:

1. The extent to which the project may increase (or reduce) GHG emissions as compared to the existing environmental setting;
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project;
3. The extent to which the project complies with regulations or requirements adopted to implement an adopted statewide, regional, or local plan for the reduction or mitigation of GHG emissions.[79]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

To provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents, South Coast AQMD has convened a GHG CEQA Significance Threshold Working Group (Working Group). Based on the last Working Group meeting (Meeting No. 15) held in September 2010, South Coast AQMD is proposing to adopt a tiered approach for evaluating GHG emissions for development projects where South Coast AQMD is not the lead agency[80]:

- **Tier 1.** If a project is exempt from CEQA, project-level and cumulative GHG emissions are less than significant.
- **Tier 2.** If the project complies with a GHG emissions reduction plan or mitigation program that avoids or substantially reduces GHG emissions in the project's geographic area (i.e., city or county), project-level and cumulative GHG emissions are less than significant.

[79] The Governor's Office of Planning and Research recommendations include a requirement that such a plan must be adopted through a public review process and include specific requirements that reduce or mitigate the project's incremental contribution of GHG emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable, notwithstanding compliance with the adopted regulations or requirements, an EIR must be prepared for the project.

[80] South Coast Air Quality Management District (South Coast AQMD). 2010, September 28. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 15. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-15/ghg-meeting-15-main-presentation.pdf.

- **Tier 3.** If GHG emissions are less than the screening-level threshold, project-level and cumulative GHG emissions are less than significant.

  For projects that are not exempt or where no qualifying GHG reduction plans are directly applicable, South Coast AQMD requires an assessment of GHG emissions. South Coast AQMD is proposing a screening-level threshold of 3,000 $MTCO_2e$ annually for all land use types or the following land-use-specific thresholds: 1,400 $MTCO_2e$ for commercial projects, 3,500 $MTCO_2e$ for residential projects, or 3,000 $MTCO_2e$ for mixed-use projects. These bright-line thresholds are based on a review of the Governor's Office of Planning and Research database of CEQA projects. Based on their review of 711 CEQA projects, 90 percent of CEQA projects would exceed the bright-line thresholds identified above. Therefore, projects that do not exceed the bright-line threshold would have a nominal, and therefore, less than cumulatively considerable impact on GHG emissions. [81]

- **Tier 4.** If emissions exceed the screening threshold, a more detailed review of the project's GHG emissions is warranted.

  The South Coast AQMD Working Group has identified an efficiency target for projects that exceed the screening threshold of 4.8 $MTCO_2e$ per year per service population ($MTCO_2e$/year/SP) for project-level analyses and 6.6 $MTCO_2e$/year/SP for plan level projects (e.g., program-level projects such as general plans) for the year 2020.[82] The per capita efficiency targets are based on the AB 32 GHG reduction target and 2020 GHG emissions inventory prepared for CARB's 2008 Scoping Plan.[83]

For purposes of this analysis, because the proposed Project has an anticipated opening year post-2020, the bright-line screening-level criterion of 3,000 $MTCO_2e$/yr is used as the significance threshold for this project. Therefore, if the project operation-phase emissions exceed the 3,000 $MTCO_2e$/yr threshold, GHG emissions would be considered potentially significant in the absence of mitigation measures.

[81] South Coast Air Quality Management District (South Coast AQMD). 2008. Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-6/ghg-meeting-6-guidance-document-discussion.pdf.

[82] It should be noted that the Working Group also considered efficiency targets for 2035 for the first time in this Working Group meeting.

[83] South Coast AQMD took the 2020 statewide GHG reduction target for land use only GHG emissions sectors and divided it by the 2020 statewide employment for the land use sectors to derive a per capita GHG efficiency metric that coincides with the GHG reduction targets of AB 32 for year 2020.

Emissions Worksheet

Regional Construction Emissions Worksheet:

Demolition

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023 Summer**						
	Off-Road	0.65	5.78	7.39	0.01	0.28	0.27
	Total	**0.65**	**5.78**	**7.39**	**0.01**	**0.28**	**0.27**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.04	0.00	0.01	0.00
	Worker	0.04	0.02	0.34	0.00	0.10	0.03
	Total	**0.04**	**0.16**	**0.39**	**0.00**	**0.12**	**0.03**
TOTAL		***0.69***	***5.94***	***7.78***	***0.01***	***0.40***	***0.30***
Onsite	**2023 Winter**						
	Off-Road	0.65	5.78	7.39	0.01	0.28	0.27
	Total	**0.65**	**5.78**	**7.39**	**0.01**	**0.28**	**0.27**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.04	0.03	0.31	0.00	0.10	0.03
	Total	**0.05**	**0.17**	**0.36**	**0.00**	**0.12**	**0.03**
TOTAL		***0.69***	***5.94***	***7.75***	***0.01***	***0.40***	***0.30***
Onsite	**2023**						
	Off-Road	0.65	5.78	7.39	0.01	0.28	0.27
	Total	**0.65**	**5.78**	**7.39**	**0.01**	**0.28**	**0.27**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.04	0.03	0.34	0.00	0.10	0.03
	Total	**0.05**	**0.17**	**0.39**	**0.00**	**0.12**	**0.03**
TOTAL		***0.69***	***5.94***	***7.78***	***0.01***	***0.40***	***0.30***

Demolition Debris Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					0.12	0.02
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.12**	**0.02**
Offsite							
	Hauling	0.01	0.21	0.07	0.00	0.02	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.21**	**0.07**	**0.00**	**0.02**	**0.01**
TOTAL		***0.01***	***0.21***	***0.07***	***0.00***	***0.14***	***0.02***
Onsite	**2023** Winter						
	Fugitive Dust					0.12	0.02
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.12**	**0.02**
Offsite							
	Hauling	0.01	0.21	0.08	0.00	0.02	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.21**	**0.08**	**0.00**	**0.02**	**0.01**
TOTAL		***0.01***	***0.21***	***0.08***	***0.00***	***0.14***	***0.02***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.12	0.02
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.12**	**0.02**
Offsite							
	Hauling	0.01	0.21	0.08	0.00	0.02	0.01
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.01**	**0.21**	**0.08**	**0.00**	**0.02**	**0.01**
TOTAL		***0.01***	***0.21***	***0.08***	***0.00***	***0.14***	***0.02***

Site Preparation

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					0.23	0.02
	Off-Road	0.53	6.19	3.92	0.01	0.23	0.21
	Total	**0.53**	**6.19**	**3.92**	**0.01**	**0.45**	**0.23**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.04	0.00	0.01	0.00
	Worker	0.02	0.01	0.17	0.00	0.05	0.01
	Total	**0.02**	**0.15**	**0.21**	**0.00**	**0.06**	**0.02**
TOTAL		***0.56***	***6.34***	***4.14***	***0.01***	***0.52***	***0.25***
Onsite	**2023** Winter						
	Fugitive Dust					0.23	0.02
	Off-Road	0.53	6.19	3.92	0.01	0.23	0.21
	Total	**0.53**	**6.19**	**3.92**	**0.01**	**0.45**	**0.23**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.02	0.01	0.16	0.00	0.05	0.01
	Total	**0.03**	**0.15**	**0.20**	**0.00**	**0.06**	**0.02**
TOTAL		***0.56***	***6.34***	***4.13***	***0.01***	***0.52***	***0.25***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.23	0.02
	Off-Road	0.53	6.19	3.92	0.01	0.23	0.21
	Total	**0.53**	**6.19**	**3.92**	**0.01**	**0.45**	**0.23**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.02	0.01	0.17	0.00	0.05	0.01
	Total	**0.03**	**0.15**	**0.21**	**0.00**	**0.06**	**0.02**
TOTAL		***0.56***	***6.34***	***4.14***	***0.01***	***0.52***	***0.25***

Grading

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					0.32	0.18
	Off-Road	0.65	5.78	7.39	0.01	0.28	0.27
	Total	**0.65**	**5.78**	**7.39**	**0.01**	**0.60**	**0.45**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.04	0.00	0.01	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.14**	**0.04**	**0.00**	**0.01**	**0.00**
TOTAL		***0.65***	***5.92***	***7.44***	***0.01***	***0.62***	***0.45***
Onsite	**2023** Winter						
	Fugitive Dust					0.32	0.18
	Off-Road	0.65	5.78	7.39	0.01	0.28	0.27
	Total	**0.65**	**5.78**	**7.39**	**0.01**	**0.60**	**0.45**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.14**	**0.05**	**0.00**	**0.01**	**0.00**
TOTAL		***0.65***	***5.92***	***7.44***	***0.01***	***0.62***	***0.45***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.32	0.18
	Off-Road	0.65	5.78	7.39	0.01	0.28	0.27
	Total	**0.65**	**5.78**	**7.39**	**0.01**	**0.60**	**0.45**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.14	0.05	0.00	0.01	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.14**	**0.05**	**0.00**	**0.01**	**0.00**
TOTAL		***0.65***	***5.92***	***7.44***	***0.01***	***0.62***	***0.45***

Grading Soil Haul

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023** Summer						
	Fugitive Dust					0.08	0.01
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.08**	**0.01**
Offsite							
	Hauling	1.03	32.41	11.20	0.15	3.27	0.94
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.03**	**32.41**	**11.20**	**0.15**	**3.27**	**0.94**
TOTAL		***1.03***	***32.41***	***11.20***	***0.15***	***3.35***	***0.96***
Onsite	**2023** Winter						
	Fugitive Dust					0.08	0.01
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.08**	**0.01**
Offsite							
	Hauling	1.05	32.63	11.68	0.14	3.27	0.95
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.05**	**32.63**	**11.68**	**0.14**	**3.27**	**0.95**
TOTAL		***1.05***	***32.63***	***11.68***	***0.14***	***3.35***	***0.96***
Onsite	**2023**						
	Fugitive Dust	0.00	0.00	0.00	0.00	0.08	0.01
	Off-Road	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.00**	**0.00**	**0.08**	**0.01**
Offsite							
	Hauling	1.05	32.63	11.68	0.15	3.27	0.95
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.00	0.00	0.00	0.00	0.00	0.00
	Total	**1.05**	**32.63**	**11.68**	**0.15**	**3.27**	**0.95**
TOTAL		***1.05***	***32.63***	***11.68***	***0.15***	***3.35***	***0.96***

Building Construction 2023

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2023 Summer**						
	Off-Road	0.63	6.42	7.10	0.01	0.32	0.29
	Total	**0.63**	**6.42**	**7.10**	**0.01**	**0.32**	**0.29**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.48	0.01	0.13	0.04
	Worker	0.21	0.13	1.92	0.01	0.58	0.16
	Total	**0.26**	**1.68**	**2.39**	**0.01**	**0.72**	**0.20**
TOTAL		***0.89***	***8.09***	***9.49***	***0.02***	***1.04***	***0.49***
Onsite	**2023 Winter**						
	Off-Road	0.63	6.42	7.10	0.01	0.32	0.29
	Total	**0.63**	**6.42**	**7.10**	**0.01**	**0.32**	**0.29**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.53	0.52	0.01	0.13	0.04
	Worker	0.24	0.15	1.75	0.01	0.58	0.16
	Total	**0.29**	**1.68**	**2.27**	**0.01**	**0.72**	**0.20**
TOTAL		***0.92***	***8.10***	***9.36***	***0.02***	***1.04***	***0.49***
Onsite	**2023**						
	Off-Road	0.63	6.42	7.10	0.01	0.32	0.29
	Total	**0.63**	**6.42**	**7.10**	**0.01**	**0.32**	**0.29**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.52	0.01	0.13	0.04
	Worker	0.24	0.15	1.92	0.01	0.58	0.16
	Total	**0.29**	**1.68**	**2.39**	**0.01**	**0.72**	**0.20**
TOTAL		***0.92***	***8.10***	***9.49***	***0.02***	***1.04***	***0.49***

Building Construction 2024							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2024 Summer**						
	Off-Road	0.60	5.97	7.07	0.01	0.28	0.26
	Total	**0.60**	**5.97**	**7.07**	**0.01**	**0.28**	**0.26**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.46	0.01	0.13	0.04
	Worker	0.20	0.12	1.79	0.01	0.58	0.16
	Total	**0.25**	**1.66**	**2.25**	**0.01**	**0.72**	**0.20**
TOTAL		***0.84***	***7.63***	***9.32***	***0.02***	***1.00***	***0.46***
Onsite	**2024 Winter**						
	Off-Road	0.60	5.97	7.07	0.01	0.28	0.26
	Total	**0.60**	**5.97**	**7.07**	**0.01**	**0.28**	**0.26**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.53	0.50	0.01	0.13	0.04
	Worker	0.22	0.14	1.63	0.01	0.58	0.16
	Total	**0.27**	**1.66**	**2.13**	**0.01**	**0.72**	**0.20**
TOTAL		***0.87***	***7.64***	***9.20***	***0.02***	***1.00***	***0.46***
Onsite	**2024**						
	Off-Road	0.60	5.97	7.07	0.01	0.28	0.26
	Total	**0.60**	**5.97**	**7.07**	**0.01**	**0.28**	**0.26**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.54	0.50	0.01	0.13	0.04
	Worker	0.22	0.14	1.79	0.01	0.58	0.16
	Total	**0.27**	**1.66**	**2.25**	**0.01**	**0.72**	**0.20**
TOTAL		***0.87***	***7.64***	***9.32***	***0.02***	***1.00***	***0.46***

Building Construction 2025							
		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2025 Summer**						
	Off-Road	0.55	5.48	7.03	0.01	0.24	0.22
	Total	**0.55**	**5.48**	**7.03**	**0.01**	**0.24**	**0.22**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.04	1.52	0.45	0.01	0.13	0.04
	Worker	0.19	0.11	1.66	0.01	0.58	0.16
	Total	**0.23**	**1.63**	**2.11**	**0.01**	**0.72**	**0.20**
TOTAL		***0.79***	***7.12***	***9.14***	***0.02***	***0.96***	***0.42***
Onsite	**2025 Winter**						
	Off-Road	0.55	5.48	7.03	0.01	0.24	0.22
	Total	**0.55**	**5.48**	**7.03**	**0.01**	**0.24**	**0.22**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.52	0.49	0.01	0.13	0.04
	Worker	0.21	0.12	1.51	0.01	0.58	0.16
	Total	**0.26**	**1.64**	**2.00**	**0.01**	**0.72**	**0.20**
TOTAL		***0.81***	***7.12***	***9.03***	***0.02***	***0.96***	***0.42***
Onsite	**2025**						
	Off-Road	0.55	5.48	7.03	0.01	0.24	0.22
	Total	**0.55**	**5.48**	**7.03**	**0.01**	**0.24**	**0.22**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.05	1.52	0.49	0.01	0.13	0.04
	Worker	0.21	0.12	1.66	0.01	0.58	0.16
	Total	**0.26**	**1.64**	**2.11**	**0.01**	**0.72**	**0.20**
TOTAL		***0.81***	***7.12***	***9.14***	***0.02***	***0.96***	***0.42***

Paving

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2025** Summer						
	Off-Road	0.56	4.92	7.03	0.01	0.22	0.20
	Paving	0.12				0.00	0.00
	Total	**0.68**	**4.92**	**7.03**	**0.01**	**0.22**	**0.20**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.06	0.04	0.53	0.00	0.19	0.05
	Total	**0.06**	**0.04**	**0.53**	**0.00**	**0.19**	**0.05**
TOTAL		***0.74***	***4.96***	***7.56***	***0.01***	***0.41***	***0.26***
Onsite	**2025** Winter						
	Off-Road	0.56	4.92	7.03	0.01	0.22	0.20
	Paving	0.12				0.00	0.00
	Total	**0.68**	**4.92**	**7.03**	**0.01**	**0.22**	**0.20**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.07	0.04	0.48	0.00	0.19	0.05
	Total	**0.07**	**0.04**	**0.48**	**0.00**	**0.19**	**0.05**
TOTAL		***0.75***	***4.96***	***7.51***	***0.01***	***0.41***	***0.26***
Onsite	**2025**						
	Off-Road	0.56	4.92	7.03	0.01	0.22	0.20
	Paving	0.12	0.00	0.00	0.00	0.00	0.00
	Total	**0.68**	**4.92**	**7.03**	**0.01**	**0.22**	**0.20**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.07	0.04	0.53	0.00	0.19	0.05
	Total	**0.07**	**0.04**	**0.53**	**0.00**	**0.19**	**0.05**
TOTAL		***0.75***	***4.96***	***7.56***	***0.01***	***0.41***	***0.26***

Architectural Coating

		ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Onsite	**2025** Summer						
	Archit. Coating	21.14				0.00	0.00
	Off-Road	0.17	1.15	1.81	0.00	0.05	0.05
	Total	**21.31**	**1.15**	**1.81**	**0.00**	**0.05**	**0.05**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.04	0.02	0.33	0.00	0.11	0.03
	Total	**0.04**	**0.02**	**0.33**	**0.00**	**0.11**	**0.03**
TOTAL		***21.35***	***1.17***	***2.14***	***0.00***	***0.17***	***0.08***
Onsite	**2025** Winter						
	Archit. Coating	21.14				0.00	0.00
	Off-Road	0.17	1.15	1.81	0.00	0.05	0.05
	Total	**21.31**	**1.15**	**1.81**	**0.00**	**0.05**	**0.05**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.04	0.02	0.30	0.00	0.11	0.03
	Total	**0.04**	**0.02**	**0.30**	**0.00**	**0.11**	**0.03**
TOTAL		***21.35***	***1.17***	***2.11***	***0.00***	***0.17***	***0.08***
Onsite	**2025**						
	Archit. Coating	21.14	0.00	0.00	0.00	0.00	0.00
	Off-Road	0.17	1.15	1.81	0.00	0.05	0.05
	Total	**21.31**	**1.15**	**1.81**	**0.00**	**0.05**	**0.05**
Offsite							
	Hauling	0.00	0.00	0.00	0.00	0.00	0.00
	Vendor	0.00	0.00	0.00	0.00	0.00	0.00
	Worker	0.04	0.02	0.33	0.00	0.11	0.03
	Total	**0.04**	**0.02**	**0.33**	**0.00**	**0.11**	**0.03**
TOTAL		***21.35***	***1.17***	***2.14***	***0.00***	***0.17***	***0.08***

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Demolition and Demolition Haul	***1***	***6***	***8***	***0***	***1***	***0***
Site Preparation	***1***	***6***	***4***	***0***	***1***	***0***
Grading/Grading Soil Haul	***2***	***39***	***19***	***0***	***4***	***1***
Building Construction 2023	***1***	***8***	***9***	***0***	***1***	***0***
Building Construction 2024	***1***	***8***	***9***	***0***	***1***	***0***
Building Construction 2025	***1***	***7***	***9***	***0***	***1***	***0***
Paving	***1***	***5***	***8***	***0***	***0***	***0***
Architectural Coating	***21***	***1***	***2***	***0***	***0***	***0***
MAX DAILY	**21**	**39**	**19**	**0**	**4**	**1**
Regional Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	No	No	No	No	No

Construction LSTs Worksheet:

Demolition

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Off-Road		5.78	7.39	0.28	0.27
	Total		**5.78**	**7.39**	**0.28**	**0.27**
TOTAL			***5.78***	***7.39***	***0.28***	***0.27***
Onsite		**2023**				
	Off-Road		5.78	7.39	0.28	0.27
	Total		**5.78**	**7.39**	**0.28**	**0.27**
TOTAL			***5.78***	***7.39***	***0.28***	***0.27***
Onsite		**2023**				
	Off-Road		5.78	7.39	0.28	0.27
	Total		**5.78**	**7.39**	**0.28**	**0.27**
TOTAL			***5.78***	***7.39***	***0.28***	***0.27***

Demolition Debris Haul

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Fugitive Dust				0.12	0.02
	Off-Road		0.00	0.00	0.00	0.00
	Total		**0.00**	**0.00**	**0.12**	**0.02**
TOTAL			***0.00***	***0.00***	***0.12***	***0.02***
Onsite		**2023**				
	Fugitive Dust				0.12	0.02
	Off-Road		0.00	0.00	0.00	0.00
	Total		**0.00**	**0.00**	**0.12**	**0.02**
TOTAL			***0.00***	***0.00***	***0.12***	***0.02***
Onsite		**2023**				
	Fugitive Dust		0.00	0.00	0.12	0.02
	Off-Road		0.00	0.00	0.00	0.00
	Total		**0.00**	**0.00**	**0.12**	**0.02**
TOTAL			***0.00***	***0.00***	***0.12***	***0.02***

Site Preparation

			NOx	CO	PM10 Total	PM2.5 Total
Onsite		**2023**				
	Fugitive Dust				0.23	0.02
	Off-Road		6.19	3.92	0.23	0.21
	Total		**6.19**	**3.92**	**0.45**	**0.23**
TOTAL			***6.19***	***3.92***	***0.45***	***0.23***
Onsite		**2023**				
	Fugitive Dust				0.23	0.02
	Off-Road		6.19	3.92	0.23	0.21
	Total		**6.19**	**3.92**	**0.45**	**0.23**
TOTAL			***6.19***	***3.92***	***0.45***	***0.23***
Onsite		**2023**				
	Fugitive Dust		0.00	0.00	0.23	0.02
	Off-Road		6.19	3.92	0.23	0.21
	Total		**6.19**	**3.92**	**0.45**	**0.23**
TOTAL			***6.19***	***3.92***	***0.45***	***0.23***

Grading					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2023**				
	Fugitive Dust			0.32	0.18
	Off-Road	5.78	7.39	0.28	0.27
	Total	**5.78**	**7.39**	**0.60**	**0.45**
TOTAL		***5.78***	***7.39***	***0.60***	***0.45***
Onsite	**2023**				
	Fugitive Dust			0.32	0.18
	Off-Road	5.78	7.39	0.28	0.27
	Total	**5.78**	**7.39**	**0.60**	**0.45**
TOTAL		***5.78***	***7.39***	***0.60***	***0.45***
Onsite	**2023**				
	Fugitive Dust	0.00	0.00	0.32	0.18
	Off-Road	5.78	7.39	0.28	0.27
	Total	**5.78**	**7.39**	**0.60**	**0.45**
TOTAL		***5.78***	***7.39***	***0.60***	***0.45***

Grading Soil Haul					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2023**				
	Fugitive Dust			0.08	0.01
	Off-Road	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.08**	**0.01**
TOTAL		***0.00***	***0.00***	***0.08***	***0.01***
Onsite	**2023**				
	Fugitive Dust			0.08	0.01
	Off-Road	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.08**	**0.01**
TOTAL		***0.00***	***0.00***	***0.08***	***0.01***
Onsite	**2023**				
	Fugitive Dust	0.00	0.00	0.08	0.01
	Off-Road	0.00	0.00	0.00	0.00
	Total	**0.00**	**0.00**	**0.08**	**0.01**
TOTAL		***0.00***	***0.00***	***0.08***	***0.01***

Building Construction 2023					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2023**				
	Off-Road	6.42	7.10	0.32	0.29
	Total	**6.42**	**7.10**	**0.32**	**0.29**
TOTAL		***6.42***	***7.10***	***0.32***	***0.29***
Onsite	**2023**				
	Off-Road	6.42	7.10	0.32	0.29
	Total	**6.42**	**7.10**	**0.32**	**0.29**
TOTAL		***6.42***	***7.10***	***0.32***	***0.29***
Onsite	**2023**				
	Off-Road	6.42	7.10	0.32	0.29
	Total	**6.42**	**7.10**	**0.32**	**0.29**
TOTAL		***6.42***	***7.10***	***0.32***	***0.29***

Building Construction 2024					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2024**				
	Off-Road	5.97	7.07	0.28	0.26
	Total	**5.97**	**7.07**	**0.28**	**0.26**
TOTAL		***5.97***	***7.07***	***0.28***	***0.26***
Onsite	**2024**				
	Off-Road	5.97	7.07	0.28	0.26
	Total	**5.97**	**7.07**	**0.28**	**0.26**
TOTAL		***5.97***	***7.07***	***0.28***	***0.26***
Onsite	**2024**				
	Off-Road	5.97	7.07	0.28	0.26
	Total	**5.97**	**7.07**	**0.28**	**0.26**
TOTAL		***5.97***	***7.07***	***0.28***	***0.26***

Building Construction 2025					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2025**				
	Off-Road	5.48	7.03	0.24	0.22
	Total	**5.48**	**7.03**	**0.24**	**0.22**
TOTAL		***5.48***	***7.03***	***0.24***	***0.22***
Onsite	**2025**				
	Off-Road	5.48	7.03	0.24	0.22
	Total	**5.48**	**7.03**	**0.24**	**0.22**
TOTAL		***5.48***	***7.03***	***0.24***	***0.22***
Onsite	**2025**				
	Off-Road	5.48	7.03	0.24	0.22
	Total	**5.48**	**7.03**	**0.24**	**0.22**
TOTAL		***5.48***	***7.03***	***0.24***	***0.22***

Paving					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2025**				
	Off-Road	4.92	7.03	0.22	0.20
	Paving			0.00	0.00
	Total	**4.92**	**7.03**	**0.22**	**0.20**
TOTAL		***4.92***	***7.03***	***0.22***	***0.20***
Onsite	**2025**				
	Off-Road	4.92	7.03	0.22	0.20
	Paving			0.00	0.00
	Total	**4.92**	**7.03**	**0.22**	**0.20**
TOTAL		***4.92***	***7.03***	***0.22***	***0.20***
Onsite	**2025**				
	Off-Road	4.92	7.03	0.22	0.20
	Paving	0.00	0.00	0.00	0.00
	Total	**4.92**	**7.03**	**0.22**	**0.20**
TOTAL		***4.92***	***7.03***	***0.22***	***0.20***

Architectural Coating					
		NOx	CO	PM10 Total	PM2.5 Total
Onsite	**2025**				
	Archit. Coating			0.00	0.00
	Off-Road	1.15	1.81	0.05	0.05
	Total	**1.15**	**1.81**	**0.05**	**0.05**
TOTAL		***1.15***	***1.81***	***0.05***	***0.05***
Onsite	**2025**				
	Archit. Coating			0.00	0.00
	Off-Road	1.15	1.81	0.05	0.05
	Total	**1.15**	**1.81**	**0.05**	**0.05**
TOTAL		***1.15***	***1.81***	***0.05***	***0.05***
Onsite	**2025**				
	Archit. Coating	0.00	0.00	0.00	0.00
	Off-Road	1.15	1.81	0.05	0.05
	Total	**1.15**	**1.81**	**0.05**	**0.05**
TOTAL		***1.15***	***1.81***	***0.05***	***0.05***
		NOx	**CO**	**PM10 Total**	**PM2.5 Total**
Demolition and Demolition Haul		***6***	***7***	***0.40***	***0.29***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Site Preparation		***6***	***4***	***0.45***	***0.23***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Grading/Grading Soil Haul		***6***	***7***	***0.68***	***0.46***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Building Construction 2023		***6***	***7***	***0.32***	***0.29***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Building Construction 2024		***6***	***7***	***0.28***	***0.26***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Building Construction 2025		***5***	***7***	***0.24***	***0.22***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Paving 2022		***5***	***7***	***0.22***	***0.20***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***
Architectural Coating		***1***	***2***	***0.05***	***0.05***
	≤1.00 Acre LST	***74***	***680***	***5.00***	***3.00***
	Exceeds LST?	***no***	***no***	***no***	***no***

Regional Operation Emissions Worksheet: Buildout Year 2025[1]

[1] CalEEMod, Version 2016.3.2.25

Proposed Net Operations

Summer

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	1.79	0.00	0.01	0.00	0.00	0.00
Energy	0.03	0.23	0.19	0.00	0.02	0.02
Mobile	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.81**	**0.23**	**0.21**	**0.00**	**0.02**	**0.02**

Winter

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	1.79	0.00	0.01	0.00	0.00	0.00
Energy	0.03	0.23	0.19	0.00	0.02	0.02
Mobile	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.81**	**0.23**	**0.21**	**0.00**	**0.02**	**0.02**

Max Daily

	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Area	2	0	0	0	0	0
Energy	0	0	0	0	0	0
Mobile	0	0	0	0	0	0
Total	**2**	**0**	**0**	**0**	**0**	**0**
Regional Thresholds (lb/day)	**55**	**55**	**550**	**150**	**150**	**55**
Exceeds Thresholds?	No	No	No	No	No	No

GHG Emissions Inventory

Proposed Project Buildout

Construction

	$MTCO_2e$ Total Project*
2023	138
2024	266
2025	73
Total Construction	**477**

*CalEEMod, Version 2016.3.2.25

Operation*

Proposed Project		
Area	0	$MTCO_2e$/Year**
Energy	334	$MTCO_2e$/Year
Mobile	0	$MTCO_2e$/Year
Solid Waste	0	$MTCO_2e$/Year
Water	0	$MTCO_2e$/Year
Amortized Construction Emissions***	16	$MTCO_2e$/Year
Total	**350**	**$MTCO_2e$/Year**
Net Emissions	**350**	
SCAQMD Bright-Line Screening Threshold	3,000	$MTCO_2e$/Year
Exceed Threshold?	**No**	

*CalEEMod, Version 2016.3.2.25

** $MTCO_2e$=metric tons of carbon dioxide equivalent.

*** Total construction emissions are amortized over 30 years per SCAQMD methodology; SCAQMD. 2009, November 19. Greenhouse Gases (GHG) CEQA Significance Thresholds Working Group Meeting 14. http://www.aqmd.gov/docs/default-source/ceqa/handbook/greenhouse-gases-(ghg)-ceqa-significance-thresholds/year-2008-2009/ghg-meeting-14/ghg-meeting-14-main-presentation.pdf?sfvrsn=2.

Assumptions Worksheet

CalEEMod Inputs - Rise Kohyang Middle School Project, Construction

Name:	Rise Kohyang Middle School Project
Project Number:	BSS-13
Project Location:	southwest corner of West Olympic Boulevard and Beacon Avenue
County:	Los Angeles County
Source Receptor Area (SRA):	1- Central Los Angeles
Climate Zone:	11
Land Use Setting:	Urban
Operational Year:	2023
Utility Company:	Los Angeles Department of Water and Power
Air Basin:	South Coast Air Basin (SoCAB)
Air District:	South Coast Air Quality Management District (SCAQMD)

Project Site Acreage	1.00
Disturbed Site Acreage	1.00

Project Components	SQFT	Tons		
Demolition				
Asphalt Demolition	33,000	488.89		
New Construction	**SQFT**	**ACRES**		
4-Story Classroom Building	69,201	0.00		
Basement	14,498	0.00		
TOTAL BUILDING SQFT	**83,699**	**0.00**		
Enclosed Parking Structure (Below Grade)	6,530	0.00	**48**	stalls
Total Other Asphalt Surfaces	37,354	0.86		
Total Other Non-Asphalt Surfaces	5,392	0.12		
Subtotal Other	**49,276**	**0.98**		
Total	**132,975**	**0.98**		

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Educational	Junior High School	83.699	1000 sqft	0.00	83,699
Parking	Enclosed Parking Structure with Elevator	6.530	1000 sqft	0.00	6,530
Parking	Other Asphalt Surfaces	37.354	1000 sqft	0.86	37,354
Parking*	Other Non-asphalt Surfaces	5.392	1000 sqft	0.12	5,392
				0.98	

Demolition[1]

Component	Amount to be Demolished (Tons)	Haul Truck Capacity (tons)	Haul Distance (miles)	Total Trip Ends	Duration (days)
Asphalt	489	20	20	49	38
Total	489			49	

Soil Haul [1]

Construction Activities	Volume (CY)	Haul Truck Capacity (cy)	Haul Distance (miles)	Total Trip Ends	Duration (days)
Grading (Export)	12,461	16	20	1,577	8

Architectural Coating

	Percent Painted
Interior Painted:	100%
Exterior Painted:	100%

Rule 1113

Interior Paint VOC content:	50	grams per liter
Exterior Paint VOC content:	50	grams per liter

Structures	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area	Paintable Interior Area[1]	Paintable Exterior Area[1]
Non-Residential Structures					
Middle School	83,699	2.0	167,398	125,549	41,850
			167,398	**125,549**	**41,850**
Parking					
Parking Structure	6,530	6%	392	-	392
Paved Area	42,746	6%	2,565	-	2,565
			2,957		**2,957**

[1] CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.
[2] The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user.
[3] Assumes that all parking, non-parking asphalt, and turf areas will be striped. CalEEMod methodology assumes 6% of surface area is striped.

Construction Mitigation

SCAQMD Rule 403			
Replace Ground Cover	PM10:	5	% Reduction
Replace Ground Cover	PM2.5:	5	% Reduction
	PM25:	55	% Reduction
Unpaved Roads	Vehicle Speed:	15	mph
SCAQMD Rule 1186	Clean Paved Road	9	% PM Reduction

Los Angeles Department of Water and Power Carbon Intensity Factors*

	lbs/MWh	
CO2:	1,227.89	pounds per megawatt hour
CH4:	0.029	pound per megawatt hour
N2O:	0.00617	pound per megawatt hour

* CalEEMod default values.

Global Warming Potentials (GWP)		
	AR4	AR5
CO_2	1	1
CH_4	25	28
N_2O	298	265

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC).

Construction Activities and Schedule Assumptions: Rise Kohyang Middle School Project

*based on preliminary construction duration of 21 months (Q3 2023-Q2 2025)

CalEEMod Defaults

		Construction Schedule		
Construction Activities	**Phase Type**	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Demolition	Demolition	8/15/2023	8/28/2023	10
Demolition Debris Haul	Demolition	8/15/2023	8/28/2023	10
Site Preparation	Site Preparation	8/29/2023	8/29/2023	1
Grading	Grading	8/30/2023	8/31/2023	2
Grading Soil Haul	Grading	8/30/2023	8/31/2023	2
Building Construction	Building Construction	9/1/2023	1/18/2024	100
Paving	Paving	1/19/2024	1/25/2024	5
Architectural Coating	Architectural Coating	1/26/2024	2/1/2024	5

Normalization Calculations *

CalEEMod Defaults Construction Duration			Assumed Construction Duration	
170	days of construction		8/15/2023	5/15/2025
0.47	years of construction		639	days
5.59	months of construction		21.01	months
		Norm Factor:	3.76	

		Construction Schedule		
Construction Activities	**Phase Type**	**Start Date**	**End Date**	**CalEEMod Duration (Workday)**
Demolition	Demolition	8/15/2023	10/5/2023	38
Demolition Debris Haul	Demolition	8/15/2023	10/5/2023	38
Site Preparation	Site Preparation	10/6/2023	10/11/2023	4
Grading	Grading	10/12/2023	10/23/2023	8
Grading Soil Haul	Grading	10/12/2023	10/23/2023	8
Building Construction	Building Construction	10/24/2023	3/24/2025	370
Paving	Paving	3/25/2025	4/20/2025	19
Architectural Coating	Architectural Coating	4/21/2025	5/15/2025	19

CalEEMod Construction Off-Road Equipment Inputs

**Based on CalEEMod defaults, assumed equipment would not be shared for most conservative result*

General Construction Hours: 8 hours btwn 7:00 AM to 4:00 PM (with 1 hr break), Mon-Fri

Construction Equipment Details						
Equipment	**model**	**# of Equipment**	**hr/day**	**hp**	**load factor***	**total trips**
Demolition						
Concrete/Industrial Saws		1	8	81	0.73	
Rubber Tired Dozers		1	1	247	0.4	
Tractors/Loaders/Backhoes		2	6	97	0.37	
Worker Trips						10
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)						2
Demolition Debris Haul						
no additional equipment required for Demo Haul						
Worker Trips						0
Vendor Trips						0
Hauling Trips						49
Site Preparation						
Graders		1	8	187	0.41	
Tractors/Loaders/Backhoes		1	8	97	0.37	
Worker Trips						5
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)						2
Grading						
Concrete/Industrial Saws		1	8	81	0.73	
Rubber Tired Dozers		1	1	247	0.4	
Tractors/Loaders/Backhoes		2	6	97	0.37	
Worker Trips						10
Vendor Trips						0
Hauling Trips						0
Water Trucks (Added to Vendor Trips)						2
Grading Soil Haul						
no additional equipment required for Grading Soil Haul						
Worker Trips						0
Vendor Trips						0
Hauling Trips						1,577
Building Construction						
Cranes		1	4	231	0.29	
Forklifts		2	6	89	0.2	
Tractors/Loaders/Backhoes		2	8	97	0.37	
Worker Trips						56
Vendor Trips						22
Hauling Trips						0
Paving						
Cement and Mortar Mixers		4	6	9	0.56	
Pavers		1	7	130	0.42	
Rollers		1	7	80	0.38	
Tractors/Loaders/Backhoes		1	7	97	0.37	
Worker Trips						18
Vendor Trips						0
Hauling Trips						0
Architectural Coating (surface lots, etc…)						
Air Compressors		1	6	78	0.48	
Worker Trips						11
Vendor Trips						0
Hauling Trips						0

Pavement Volume to Weight Conversion

Component	Total SF of Area[1]	Assumed Thickness (foot)[2]	Debris Volume (cu. ft)	Weight of Crushed Asphalt (lbs/cf)[3]	AC Mass (lbs)	AC Mass (tons)
Asphalt Demo	33,000	0.333	11,000	89	977,778	488.89
Total	33,000					489

[1] Based on aerial image of existing project site.

[2] Pavements and Surface Materials. Nonpoint Education for Municipal Officials, Technical Paper Number 8. University of Connecticut Cooperative Extension System, 1999.

[3] https://www.calrecycle.ca.gov/swfacilities/cdi/Tools/Calculations

Construction Trips Worksheet

Phase Name	Worker Trip Ends Per Day	Vendor Trip Ends Per Day	Haul Truck Trip Ends Per Day	Total Haul Truck Trip Ends	Total Trip Ends Per Day	Start Date	End Date	Workdays
Demolition and Demolition Debris Haul	10	2	2	49	14	8/15/2023	10/5/2023	38
Site Preparation	5	2	0	0	7	10/6/2023	10/11/2023	4
Grading and Grading Soil Haul	10	2	198	1577	210	10/12/2023	10/23/2023	8
Building Construction	56	22	0	0	78	10/24/2023	3/24/2025	370
Paving	18	0	0	0	18	3/25/2025	4/20/2025	19
Architectural Coating	11	0	0	0	11	4/21/2025	5/15/2025	19

CalEEMod Inputs - Rise Kohyang Middle School Project, Operations

Name:	Rise Kohyang Middle School Project
Project Number:	BSS-13
Project Location:	southwest corner of West Olympic Boulevard and Beacon Avenue
County:	Los Angeles County
Source Receptor Area (SRA):	1- Central Los Angeles
Climate Zone:	11
Land Use Setting:	Urban
Operational Year:	2023
Utility Company:	Los Angeles Department of Water and Power
Air Basin:	South Coast Air Basin (SoCAB)
Air District:	South Coast Air Quality Management District (SCAQMD)

CalEEMod Land Use Inputs

Land Use Type	Land Use Subtype	Unit Amount	Size Metric	Lot Acreage	Land Use Square Feet
Educational	Junior High School	68.000	1000 sqft	0.00	83,699
Parking	Enclosed Parking Structure with Elevator	6.530	1000 sqft	0.00	6,530
Parking	Other Asphalt Surfaces	37.354	1000 sqft	0.86	37,354
Parking*	Other Non-asphalt Surfaces	5.392	1000 sqft	0.12	5,392
				0.98	

Trips

Land Use Type	Average Daily Trips	CalEEMod Trip Rate	Saturday Trips	CalEEMod Trip Rate	Sunday Trips	CalEEMod Trip Rate
Junior High School	0	**0.00**	0	**0.00**	0	**0.00**

** Because the student population of the school would not increase, no additional trips would be assumed to occur*

Water Use

Land Use	Indoor	Outdoor	Total (gal/yr)
Middle School	0.00	0.00	0.00

Assumes that students are already generating water/wastewater use at their current facilties (no net increase in total water use)

Solid Waste

Land Use	Total Solid Waste (tons/yr)
Middle School	0.00

Assumes that students are already generating solid waste at their current facilties (no net increase in solid waste disposal)

Architectural Coatings

	Percent Painted
Interior Painted:	100%
Exterior Painted:	100%

Rule 1113

Interior Paint VOC content:	50	grams per liter
Exterior Paint VOC content:	50	grams per liter

Structures	Land Use Square Feet	CalEEMod Factor[2]	Total Paintable Surface Area	Paintable Interior Area[1]	Paintable Exterior Area[1]
Non-Residential Structures					
Middle School	83,699	2.0	167,398	125,549	41,850
			167,398	**125,549**	**41,850**
Parking					
Parking Structure	6,530	6%	392	-	392
Paved Area	42,746	6%	2,565	-	2,565
			2,957		**2,957**

[1]CalEEMod methodology calculates the paintable interior and exterior areas by multiplying the total paintable surface area by 75 and 25 percent, respectively.

[2] The program assumes the total surface for painting equals 2.7 times the floor square footage for residential and 2 times that for nonresidential square footage defined by the user.

[3] Assumes that all parking, non-parking asphalt, and turf areas will be striped. CalEEMod methodology assumes 6% of surface area is striped.

Electricity (Buildings)

Additional Electricity Reductions[2]	**10.7%**	more efficient than 2016 Title 24 electricity rates
Additional Natural Gas Reductions[2]	**1%**	more efficient than 2016 Title 24 natural gas rates

Sources:

[1] California Energy Commission (CEC). 2018. 2019 Building Energy and Efficiency Standards Frequently Asked Questions. Accessed on April 3, 2019. http://www.energy.ca.gov/title24/2019standards/documents/2018_Title_24_2019_Building_Standards_FAQ.pdf

[2] NORESCO. 2018. 2019 Update to the California Energy Efficiency Standards for Residential and Non-Residential Buildings

Default CalEEMod Energy Use

Land Use Subtype	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Lighting Energy Intensity (KWhr/size/year)	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
Enclosed Parking with Elevator	**3.92**	0.19	1.75	**0.00**	0.00
Junior High School	**1.74**	1.59	2.59	**9.32**	1.08
Other Asphalt Surfaces	**0.00**	0.00	0.00	**0.00**	0.00
Other Non-Asphalt Surfaces	**0.00**	0.00	0.00	**0.00**	0.00

Adjusted CalEEMod Energy Use

Land Use Subtype	Title-24 Electricity Energy Intensity (kWhr/size/year)*	Nontitle-24 Electricity Energy Intensity (kWhr/size/year)	Lighting Energy Intensity (KWhr/size/year)	Title-24 Natural Gas Energy Intensity (KBTU/size/year)*	Nontitle-24 Natural Gas Energy Intensity (KBTU/size/year)
Enclosed Parking with Elevator	**3.50**	0.19	1.75	**0.00**	0.00
Junior High School	**1.55**	1.59	2.59	**9.23**	1.08
Other Asphalt Surfaces	**0.00**	0.00	0.00	**0.00**	0.00
Other Non-Asphalt Surfaces	**0.00**	0.00	0.00	**0.00**	0.00

**Based on methodology above, only Title-24 energy for single family housing and the clubhouse has been adjustea*

Los Angeles Department of Water and Power Carbon Intensity Factors*

	lbs/MWh	
CO2:	1,227.89	pounds per megawatt hour
CH4:	0.029	pound per megawatt hour
N2O:	0.00617	pound per megawatt hour

* CalEEMod default values.

Global Warming Potentials (GWP)		
	AR4	**AR5**
CO_2	1	1
CH_4	25	28
N_2O	298	265

Based on Intergovernmental Panel on Climate Change Fourth Assessment Report global warming potentials for CH4 and N2O; Intergovernmental Panel on Climate Change (IPCC).

CalEEMod Construction Model

Rise Kohyang Middle School Project - Construction

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	83.70	1000sqft	0.00	83,699.00	0
Enclosed Parking with Elevator	6.53	1000sqft	0.00	6,530.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	37,354.00	0
Other Non-Asphalt Surfaces	5.39	1000sqft	0.12	5,392.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - assumes building footprint is covered under the "other asphalt surfaces land use" area

Construction Phase - based on CalEEMod defaults normalized to fit duration provided by District

Off-road Equipment - no additional equipment required for Demo Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - no additional equipment required for Grading Soil Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Demolition -

Trips and VMT - 2 vendor trips/water truck/day, see assumptions file for hauling trips calculations for demo debris haul and grading soil haul

Architectural Coating - SCAQMD Rule 1113

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	19.00
tblConstructionPhase	NumDays	100.00	370.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	NumDays	5.00	19.00
tblConstructionPhase	NumDays	1.00	4.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	PhaseEndDate	2/1/2024	5/15/2025
tblConstructionPhase	PhaseEndDate	1/18/2024	3/24/2025
tblConstructionPhase	PhaseEndDate	8/28/2023	10/5/2023
tblConstructionPhase	PhaseEndDate	8/31/2023	10/23/2023
tblConstructionPhase	PhaseEndDate	1/25/2024	4/20/2025
tblConstructionPhase	PhaseEndDate	8/29/2023	10/11/2023

tblConstructionPhase	PhaseStartDate	1/26/2024	4/21/2025
tblConstructionPhase	PhaseStartDate	9/1/2023	10/24/2023
tblConstructionPhase	PhaseStartDate	8/30/2023	10/12/2023
tblConstructionPhase	PhaseStartDate	1/19/2024	3/25/2025
tblConstructionPhase	PhaseStartDate	8/29/2023	10/6/2023
tblGrading	MaterialExported	0.00	12,461.00
tblLandUse	LotAcreage	1.92	0.00
tblLandUse	LotAcreage	0.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	48.00	49.00
tblTripsAndVMT	HaulingTripNumber	1,558.00	1,577.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.6765	38.3241	18.6384	0.1576	4.3889	0.3410	4.7299	1.3891	0.3261	1.7152	0.0000	17,002.0335	17,002.0335	1.2498	0.0000	17,033.2785
2024	0.8402	7.6323	9.3166	0.0226	0.7668	0.2888	1.0556	0.2066	0.2658	0.4723	0.0000	2,257.6034	2,257.6034	0.4015	0.0000	2,267.6402
2025	21.3478	7.1168	9.1382	0.0223	0.7668	0.2476	1.0144	0.2066	0.2278	0.4344	0.0000	2,232.7487	2,232.7487	0.4000	0.0000	2,242.7488
Maximum	**21.3478**	**38.3241**	**18.6384**	**0.1576**	**4.3889**	**0.3410**	**4.7299**	**1.3891**	**0.3261**	**1.7152**	**0.0000**	**17,002.0335**	**17,002.0335**	**1.2498**	**0.0000**	**17,033.2785**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.6765	38.3241	18.6384	0.1576	3.6217	0.3410	3.9627	1.0792	0.3261	1.4053	0.0000	17,002.0335	17,002.0335	1.2498	0.0000	17,033.2785
2024	0.8402	7.6323	9.3166	0.0226	0.7088	0.2888	0.9976	0.1923	0.2658	0.4581	0.0000	2,257.6034	2,257.6034	0.4015	0.0000	2,267.6402
2025	21.3478	7.1168	9.1382	0.0223	0.7088	0.2476	0.9564	0.1923	0.2278	0.4202	0.0000	2,232.7487	2,232.7487	0.4000	0.0000	2,242.7488
Maximum	**21.3478**	**38.3241**	**18.6384**	**0.1576**	**3.6217**	**0.3410**	**3.9627**	**1.0792**	**0.3261**	**1.4053**	**0.0000**	**17,002.0335**	**17,002.0335**	**1.2498**	**0.0000**	**17,033.2785**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**14.91**	**0.00**	**12.99**	**18.78**	**0.00**	**12.91**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/15/2023	10/5/2023	5	38	a
2	Demolition Debris Haul	Demolition	8/15/2023	10/5/2023	5	38	b
3	Site Preparation	Site Preparation	10/6/2023	10/11/2023	5	4	c
4	Grading	Grading	10/12/2023	10/23/2023	5	8	d
5	Grading Soil Haul	Grading	10/12/2023	10/23/2023	5	8	e
6	Building Construction	Building Construction	10/24/2023	3/24/2025	5	370	f
7	Paving	Paving	3/25/2025	4/20/2025	5	19	g
8	Architectural Coating	Architectural Coating	4/21/2025	5/15/2025	5	19	h

Acres of Grading (Site Preparation Phase): 2

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.98

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 125,549; Non-Residential Outdoor: 41,850; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38

Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition Debris Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Grading Soil Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition Debris Haul	Rubber Tired Dozers	0	1.00	247	0.40
Grading Soil Haul	Rubber Tired Dozers	0	1.00	247	0.40
Demolition Debris Haul	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Grading Soil Haul	Tractors/Loaders/Backhoes	0	6.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	0.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	56.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition Debris Haul	0	0.00	0.00	49.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading Soil Haul	0	0.00	0.00	1,577.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**		**0.2821**	**0.2821**		**0.2698**	**0.2698**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	**0.0419**	**0.1642**	**0.3856**	**1.5500e-003**	**0.1246**	**1.0100e-003**	**0.1256**	**0.0333**	**9.3000e-004**	**0.0343**		**158.6297**	**158.6297**	**5.5000e-003**		**158.7673**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**		**0.2821**	**0.2821**		**0.2698**	**0.2698**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0120	1.6000e-004	0.0122	3.4900e-003	1.5000e-004	3.6400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		105.8482	105.8482	2.7300e-003		105.9166
Total	**0.0419**	**0.1642**	**0.3856**	**1.5500e-003**	**0.1150**	**1.0100e-003**	**0.1160**	**0.0310**	**9.3000e-004**	**0.0319**		**158.6297**	**158.6297**	**5.5000e-003**		**158.7673**

3.3 Demolition Debris Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2754	0.0000	0.2754	0.0417	0.0000	0.0417			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.2754**	**0.0000**	**0.2754**	**0.0417**	**0.0000**	**0.0417**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7100e-003	0.2120	0.0733	9.5000e-004	0.0226	3.8000e-004	0.0229	6.1800e-003	3.7000e-004	6.5500e-003		103.3597	103.3597	6.7900e-003		103.5294
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.7100e-003**	**0.2120**	**0.0733**	**9.5000e-004**	**0.0226**	**3.8000e-004**	**0.0229**	**6.1800e-003**	**3.7000e-004**	**6.5500e-003**		**103.3597**	**103.3597**	**6.7900e-003**		**103.5294**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					0.1177	0.0000	0.1177	0.0178	0.0000	0.0178			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1177**	**0.0000**	**0.1177**	**0.0178**	**0.0000**	**0.0178**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.7100e-003	0.2120	0.0733	9.5000e-004	0.0210	3.8000e-004	0.0214	5.8000e-003	3.7000e-004	6.1700e-003		103.3597	103.3597	6.7900e-003		103.5294
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.7100e-003**	**0.2120**	**0.0733**	**9.5000e-004**	**0.0210**	**3.8000e-004**	**0.0214**	**5.8000e-003**	**3.7000e-004**	**6.1700e-003**		**103.3597**	**103.3597**	**6.7900e-003**		**103.5294**

3.4 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0189	0.0120	0.1711	5.3000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		52.9241	52.9241	1.3700e-003		52.9583
Total	**0.0231**	**0.1522**	**0.2145**	**1.0200e-003**	**0.0687**	**5.9000e-004**	**0.0693**	**0.0185**	**5.4000e-004**	**0.0191**		**105.7056**	**105.7056**	**4.1400e-003**		**105.8091**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2267	0.0000	0.2267	0.0245	0.0000	0.0245			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.2267**	**0.2266**	**0.4533**	**0.0245**	**0.2084**	**0.2329**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0120	1.6000e-004	0.0122	3.4900e-003	1.5000e-004	3.6400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0189	0.0120	0.1711	5.3000e-004	0.0515	4.3000e-004	0.0519	0.0138	3.9000e-004	0.0141		52.9241	52.9241	1.3700e-003		52.9583
Total	**0.0231**	**0.1522**	**0.2145**	**1.0200e-003**	**0.0635**	**5.9000e-004**	**0.0641**	**0.0172**	**5.4000e-004**	**0.0178**		**105.7056**	**105.7056**	**4.1400e-003**		**105.8091**

3.5 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.7528**	**0.2821**	**1.0349**	**0.4138**	**0.2698**	**0.6836**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**4.2300e-003**	**0.1401**	**0.0434**	**4.9000e-004**	**0.0128**	**1.6000e-004**	**0.0130**	**3.6900e-003**	**1.5000e-004**	**3.8400e-003**		**52.7815**	**52.7815**	**2.7700e-003**		**52.8508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3218	0.0000	0.3218	0.1769	0.0000	0.1769			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.3218**	**0.2821**	**0.6039**	**0.1769**	**0.2698**	**0.4467**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0120	1.6000e-004	0.0122	3.4900e-003	1.5000e-004	3.6400e-003		52.7815	52.7815	2.7700e-003		52.8508

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**4.2300e-003**	**0.1401**	**0.0434**	**4.9000e-004**	**0.0120**	**1.6000e-004**	**0.0122**	**3.4900e-003**	**1.5000e-004**	**3.6400e-003**		**52.7815**	**52.7815**	**2.7700e-003**		**52.8508**

3.6 Grading Soil Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1762	0.0000	0.1762	0.0267	0.0000	0.0267			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1762**	**0.0000**	**0.1762**	**0.0267**	**0.0000**	**0.0267**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0259	32.4053	11.2024	0.1451	3.4471	0.0587	3.5059	0.9450	0.0562	1.0011		15,800.8465	15,800.8465	1.0381		15,826.7988
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0259**	**32.4053**	**11.2024**	**0.1451**	**3.4471**	**0.0587**	**3.5059**	**0.9450**	**0.0562**	**1.0011**		**15,800.8465**	**15,800.8465**	**1.0381**		**15,826.7988**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0753	0.0000	0.0753	0.0114	0.0000	0.0114			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0753**	**0.0000**	**0.0753**	**0.0114**	**0.0000**	**0.0114**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0259	32.4053	11.2024	0.1451	3.2126	0.0587	3.2713	0.8874	0.0562	0.9436		15,800.8465	15,800.8465	1.0381		15,826.7988
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0259**	**32.4053**	**11.2024**	**0.1451**	**3.2126**	**0.0587**	**3.2713**	**0.8874**	**0.0562**	**0.9436**		**15,800.8465**	**15,800.8465**	**1.0381**		**15,826.7988**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946		1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**		**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0466	1.5413	0.4771	5.4200e-003	0.1409	1.7800e-003	0.1426	0.0406	1.7000e-003	0.0423		580.5963	580.5963	0.0305		581.3585
Worker	0.2112	0.1348	1.9164	5.9500e-003	0.6260	4.7600e-003	0.6307	0.1660	4.3800e-003	0.1704		592.7499	592.7499	0.0153		593.1327
Total	**0.2577**	**1.6761**	**2.3935**	**0.0114**	**0.7668**	**6.5400e-003**	**0.7733**	**0.2066**	**6.0800e-003**	**0.2127**		**1,173.3463**	**1,173.3463**	**0.0458**		**1,174.4912**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946	0.0000	1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**	**0.0000**	**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0466	1.5413	0.4771	5.4200e-003	0.1318	1.7800e-003	0.1336	0.0383	1.7000e-003	0.0400		580.5963	580.5963	0.0305		581.3585
Worker	0.2112	0.1348	1.9164	5.9500e-003	0.5770	4.7600e-003	0.5817	0.1540	4.3800e-003	0.1584		592.7499	592.7499	0.0153		593.1327
Total	**0.2577**	**1.6761**	**2.3935**	**0.0114**	**0.7088**	**6.5400e-003**	**0.7153**	**0.1923**	**6.0800e-003**	**0.1984**		**1,173.3463**	**1,173.3463**	**0.0458**		**1,174.4912**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598		1,104.9834	1,104.9834	0.3574		1,113.9177
Total	**0.5950**	**5.9739**	**7.0675**	**0.0114**		**0.2824**	**0.2824**		**0.2598**	**0.2598**		**1,104.9834**	**1,104.9834**	**0.3574**		**1,113.9177**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0454	1.5354	0.4626	5.3900e-003	0.1409	1.7600e-003	0.1426	0.0406	1.6800e-003	0.0422		578.2402	578.2402	0.0301		578.9914
Worker	0.1998	0.1230	1.7865	5.7600e-003	0.6260	4.6900e-003	0.6306	0.1660	4.3200e-003	0.1703		574.3798	574.3798	0.0141		574.7310
Total	**0.2452**	**1.6583**	**2.2491**	**0.0112**	**0.7668**	**6.4500e-003**	**0.7733**	**0.2066**	**6.0000e-003**	**0.2126**		**1,152.6200**	**1,152.6200**	**0.0441**		**1,153.7224**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598	0.0000	1,104.9834	1,104.9834	0.3574		1,113.9177
Total	**0.5950**	**5.9739**	**7.0675**	**0.0114**		**0.2824**	**0.2824**		**0.2598**	**0.2598**	**0.0000**	**1,104.9834**	**1,104.9834**	**0.3574**		**1,113.9177**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0454	1.5354	0.4626	5.3900e-003	0.1318	1.7600e-003	0.1336	0.0383	1.6800e-003	0.0400		578.2402	578.2402	0.0301		578.9914
Worker	0.1998	0.1230	1.7865	5.7600e-003	0.5770	4.6900e-003	0.5817	0.1540	4.3200e-003	0.1583		574.3798	574.3798	0.0141		574.7310
Total	**0.2452**	**1.6583**	**2.2491**	**0.0112**	**0.7088**	**6.4500e-003**	**0.7152**	**0.1923**	**6.0000e-003**	**0.1983**		**1,152.6200**	**1,152.6200**	**0.0441**		**1,153.7224**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**		**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0443	1.5223	0.4507	5.3600e-003	0.1409	1.7300e-003	0.1426	0.0406	1.6500e-003	0.0422		575.0540	575.0540	0.0296		575.7947
Worker	0.1897	0.1125	1.6593	5.5400e-003	0.6260	4.5900e-003	0.6305	0.1660	4.2300e-003	0.1702		552.1236	552.1236	0.0128		552.4439
Total	**0.2340**	**1.6349**	**2.1100**	**0.0109**	**0.7668**	**6.3200e-003**	**0.7731**	**0.2066**	**5.8800e-003**	**0.2124**		**1,127.1776**	**1,127.1776**	**0.0424**		**1,128.2387**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**	**0.0000**	**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0443	1.5223	0.4507	5.3600e-003	0.1318	1.7300e-003	0.1336	0.0383	1.6500e-003	0.0400		575.0540	575.0540	0.0296		575.7947

Worker	0.1897	0.1125	1.6593	5.5400e-003	0.5770	4.5900e-003	0.5816	0.1540	4.2300e-003	0.1582		552.1236	552.1236	0.0128		552.4439
Total	**0.2340**	**1.6349**	**2.1100**	**0.0109**	**0.7088**	**6.3200e-003**	**0.7151**	**0.1923**	**5.8800e-003**	**0.1982**		**1,127.1776**	**1,127.1776**	**0.0424**		**1,128.2387**

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.1186					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6824**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**		**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0610	0.0362	0.5333	1.7800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		177.4683	177.4683	4.1200e-003		177.5713
Total	**0.0610**	**0.0362**	**0.5333**	**1.7800e-003**	**0.2012**	**1.4800e-003**	**0.2027**	**0.0534**	**1.3600e-003**	**0.0547**		**177.4683**	**177.4683**	**4.1200e-003**		**177.5713**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.1186					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6824**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**	**0.0000**	**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0610	0.0362	0.5333	1.7800e-003	0.1855	1.4800e-003	0.1869	0.0495	1.3600e-003	0.0509		177.4683	177.4683	4.1200e-003		177.5713
Total	**0.0610**	**0.0362**	**0.5333**	**1.7800e-003**	**0.1855**	**1.4800e-003**	**0.1869**	**0.0495**	**1.3600e-003**	**0.0509**		**177.4683**	**177.4683**	**4.1200e-003**		**177.5713**

3.9 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.1396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**21.3105**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0373	0.0221	0.3259	1.0900e-003	0.1230	9.0000e-004	0.1239	0.0326	8.3000e-004	0.0334		108.4529	108.4529	2.5200e-003		108.5158
Total	**0.0373**	**0.0221**	**0.3259**	**1.0900e-003**	**0.1230**	**9.0000e-004**	**0.1239**	**0.0326**	**8.3000e-004**	**0.0334**		**108.4529**	**108.4529**	**2.5200e-003**		**108.5158**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.1396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**21.3105**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0373	0.0221	0.3259	1.0900e-003	0.1133	9.0000e-004	0.1142	0.0303	8.3000e-004	0.0311		108.4529	108.4529	2.5200e-003		108.5158
Total	**0.0373**	**0.0221**	**0.3259**	**1.0900e-003**	**0.1133**	**9.0000e-004**	**0.1142**	**0.0303**	**8.3000e-004**	**0.0311**		**108.4529**	**108.4529**	**2.5200e-003**		**108.5158**

Rise Kohyang Middle School Project - Construction

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	83.70	1000sqft	0.00	83,699.00	0
Enclosed Parking with Elevator	6.53	1000sqft	0.00	6,530.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	37,354.00	0
Other Non-Asphalt Surfaces	5.39	1000sqft	0.12	5,392.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - assumes building footprint is covered under the "other asphalt surfaces land use" area

Construction Phase - based on CalEEMod defaults normalized to fit duration provided by District

Off-road Equipment - no additional equipment required for Demo Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - no additional equipment required for Grading Soil Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Demolition -

Trips and VMT - 2 vendor trips/water truck/day, see assumptions file for hauling trips calculations for demo debris haul and grading soil haul

Architectural Coating - SCAQMD Rule 1113

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	19.00
tblConstructionPhase	NumDays	100.00	370.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	NumDays	5.00	19.00
tblConstructionPhase	NumDays	1.00	4.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	PhaseEndDate	2/1/2024	5/15/2025
tblConstructionPhase	PhaseEndDate	1/18/2024	3/24/2025
tblConstructionPhase	PhaseEndDate	8/28/2023	10/5/2023
tblConstructionPhase	PhaseEndDate	8/31/2023	10/23/2023
tblConstructionPhase	PhaseEndDate	1/25/2024	4/20/2025
tblConstructionPhase	PhaseEndDate	8/29/2023	10/11/2023

tblConstructionPhase	PhaseStartDate	1/26/2024	4/21/2025
tblConstructionPhase	PhaseStartDate	9/1/2023	10/24/2023
tblConstructionPhase	PhaseStartDate	8/30/2023	10/12/2023
tblConstructionPhase	PhaseStartDate	1/19/2024	3/25/2025
tblConstructionPhase	PhaseStartDate	8/29/2023	10/6/2023
tblGrading	MaterialExported	0.00	12,461.00
tblLandUse	LotAcreage	1.92	0.00
tblLandUse	LotAcreage	0.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	48.00	49.00
tblTripsAndVMT	HaulingTripNumber	1,558.00	1,577.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.7024	38.5512	19.1211	0.1551	4.3889	0.3426	4.7315	1.3891	0.3277	1.7168	0.0000	16,726.0721	16,726.0721	1.2797	0.0000	16,758.0638
2024	0.8670	7.6387	9.1967	0.0221	0.7668	0.2889	1.0557	0.2066	0.2659	0.4724	0.0000	2,208.4738	2,208.4738	0.4023	0.0000	2,218.5312
2025	21.3524	7.1222	9.0273	0.0219	0.7668	0.2477	1.0145	0.2066	0.2279	0.4345	0.0000	2,185.1079	2,185.1079	0.4009	0.0000	2,195.1290
Maximum	**21.3524**	**38.5512**	**19.1211**	**0.1551**	**4.3889**	**0.3426**	**4.7315**	**1.3891**	**0.3277**	**1.7168**	**0.0000**	**16,726.0721**	**16,726.0721**	**1.2797**	**0.0000**	**16,758.0638**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.7024	38.5512	19.1211	0.1551	3.6217	0.3426	3.9643	1.0792	0.3277	1.4069	0.0000	16,726.0721	16,726.0721	1.2797	0.0000	16,758.0638
2024	0.8670	7.6387	9.1967	0.0221	0.7088	0.2889	0.9977	0.1923	0.2659	0.4582	0.0000	2,208.4738	2,208.4738	0.4023	0.0000	2,218.5312
2025	21.3524	7.1222	9.0273	0.0219	0.7088	0.2477	0.9565	0.1923	0.2279	0.4202	0.0000	2,185.1079	2,185.1079	0.4009	0.0000	2,195.1290
Maximum	**21.3524**	**38.5512**	**19.1211**	**0.1551**	**3.6217**	**0.3426**	**3.9643**	**1.0792**	**0.3277**	**1.4069**	**0.0000**	**16,726.0721**	**16,726.0721**	**1.2797**	**0.0000**	**16,758.0638**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**14.91**	**0.00**	**12.99**	**18.78**	**0.00**	**12.90**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/15/2023	10/5/2023	5	38	a
2	Demolition Debris Haul	Demolition	8/15/2023	10/5/2023	5	38	b
3	Site Preparation	Site Preparation	10/6/2023	10/11/2023	5	4	c
4	Grading	Grading	10/12/2023	10/23/2023	5	8	d
5	Grading Soil Haul	Grading	10/12/2023	10/23/2023	5	8	e
6	Building Construction	Building Construction	10/24/2023	3/24/2025	5	370	f
7	Paving	Paving	3/25/2025	4/20/2025	5	19	g
8	Architectural Coating	Architectural Coating	4/21/2025	5/15/2025	5	19	h

Acres of Grading (Site Preparation Phase): 2

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.98

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 125,549; Non-Residential Outdoor: 41,850; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42

Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition Debris Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Grading Soil Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition Debris Haul	Rubber Tired Dozers	0	1.00	247	0.40
Grading Soil Haul	Rubber Tired Dozers	0	1.00	247	0.40
Demolition Debris Haul	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Grading Soil Haul	Tractors/Loaders/Backhoes	0	6.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	0.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	56.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition Debris Haul	0	0.00	0.00	49.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading Soil Haul	0	0.00	0.00	1,577.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**		**0.2821**	**0.2821**		**0.2698**	**0.2698**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	**0.0466**	**0.1661**	**0.3590**	**1.4800e-003**	**0.1246**	**1.0200e-003**	**0.1256**	**0.0333**	**9.4000e-004**	**0.0343**		**151.0203**	**151.0203**	**5.5000e-003**		**151.1577**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**		**0.2821**	**0.2821**		**0.2698**	**0.2698**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0120	1.7000e-004	0.0122	3.4900e-003	1.6000e-004	3.6500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1030	8.5000e-004	0.1039	0.0275	7.8000e-004	0.0283		99.6721	99.6721	2.5700e-003		99.7362
Total	**0.0466**	**0.1661**	**0.3590**	**1.4800e-003**	**0.1150**	**1.0200e-003**	**0.1160**	**0.0310**	**9.4000e-004**	**0.0319**		**151.0203**	**151.0203**	**5.5000e-003**		**151.1577**

3.3 Demolition Debris Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2754	0.0000	0.2754	0.0417	0.0000	0.0417			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.2754**	**0.0000**	**0.2754**	**0.0417**	**0.0000**	**0.0417**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.8800e-003	0.2135	0.0764	9.3000e-004	0.0226	3.9000e-004	0.0229	6.1800e-003	3.8000e-004	6.5600e-003		101.5639	101.5639	6.9800e-003		101.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.8800e-003**	**0.2135**	**0.0764**	**9.3000e-004**	**0.0226**	**3.9000e-004**	**0.0229**	**6.1800e-003**	**3.8000e-004**	**6.5600e-003**		**101.5639**	**101.5639**	**6.9800e-003**		**101.7385**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					0.1177	0.0000	0.1177	0.0178	0.0000	0.0178			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1177**	**0.0000**	**0.1177**	**0.0178**	**0.0000**	**0.0178**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.8800e-003	0.2135	0.0764	9.3000e-004	0.0210	3.9000e-004	0.0214	5.8000e-003	3.8000e-004	6.1800e-003		101.5639	101.5639	6.9800e-003		101.7385
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**6.8800e-003**	**0.2135**	**0.0764**	**9.3000e-004**	**0.0210**	**3.9000e-004**	**0.0214**	**5.8000e-003**	**3.8000e-004**	**6.1800e-003**		**101.5639**	**101.5639**	**6.9800e-003**		**101.7385**

3.4 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084		942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.5303**	**0.2266**	**0.7568**	**0.0573**	**0.2084**	**0.2657**		**942.4317**	**942.4317**	**0.3048**		**950.0517**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0211	0.0133	0.1559	5.0000e-004	0.0559	4.3000e-004	0.0563	0.0148	3.9000e-004	0.0152		49.8360	49.8360	1.2800e-003		49.8681
Total	**0.0256**	**0.1528**	**0.2031**	**9.8000e-004**	**0.0687**	**6.0000e-004**	**0.0693**	**0.0185**	**5.5000e-004**	**0.0191**		**101.1843**	**101.1843**	**4.2100e-003**		**101.2897**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2267	0.0000	0.2267	0.0245	0.0000	0.0245			0.0000			0.0000
Off-Road	0.5348	6.1887	3.9239	9.7300e-003		0.2266	0.2266		0.2084	0.2084	0.0000	942.4317	942.4317	0.3048		950.0517
Total	**0.5348**	**6.1887**	**3.9239**	**9.7300e-003**	**0.2267**	**0.2266**	**0.4533**	**0.0245**	**0.2084**	**0.2329**	**0.0000**	**942.4317**	**942.4317**	**0.3048**		**950.0517**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0120	1.7000e-004	0.0122	3.4900e-003	1.6000e-004	3.6500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0211	0.0133	0.1559	5.0000e-004	0.0515	4.3000e-004	0.0519	0.0138	3.9000e-004	0.0141		49.8360	49.8360	1.2800e-003		49.8681
Total	**0.0256**	**0.1528**	**0.2031**	**9.8000e-004**	**0.0635**	**6.0000e-004**	**0.0641**	**0.0172**	**5.5000e-004**	**0.0178**		**101.1843**	**101.1843**	**4.2100e-003**		**101.2897**

3.5 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7528	0.0000	0.7528	0.4138	0.0000	0.4138			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698		1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.7528**	**0.2821**	**1.0349**	**0.4138**	**0.2698**	**0.6836**		**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**4.4500e-003**	**0.1395**	**0.0472**	**4.8000e-004**	**0.0128**	**1.7000e-004**	**0.0130**	**3.6900e-003**	**1.6000e-004**	**3.8500e-003**		**51.3483**	**51.3483**	**2.9300e-003**		**51.4216**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.3218	0.0000	0.3218	0.1769	0.0000	0.1769			0.0000			0.0000
Off-Road	0.6463	5.7787	7.3926	0.0120		0.2821	0.2821		0.2698	0.2698	0.0000	1,148.4055	1,148.4055	0.2089		1,153.6290
Total	**0.6463**	**5.7787**	**7.3926**	**0.0120**	**0.3218**	**0.2821**	**0.6039**	**0.1769**	**0.2698**	**0.4467**	**0.0000**	**1,148.4055**	**1,148.4055**	**0.2089**		**1,153.6290**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0120	1.7000e-004	0.0122	3.4900e-003	1.6000e-004	3.6500e-003		51.3483	51.3483	2.9300e-003		51.4216

Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**4.4500e-003**	**0.1395**	**0.0472**	**4.8000e-004**	**0.0120**	**1.7000e-004**	**0.0122**	**3.4900e-003**	**1.6000e-004**	**3.6500e-003**		**51.3483**	**51.3483**	**2.9300e-003**		**51.4216**

3.6 Grading Soil Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1762	0.0000	0.1762	0.0267	0.0000	0.0267			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1762**	**0.0000**	**0.1762**	**0.0267**	**0.0000**	**0.0267**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0516	32.6331	11.6813	0.1426	3.4471	0.0603	3.5075	0.9450	0.0577	1.0027		15,526.3183	15,526.3183	1.0678		15,553.0133
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0516**	**32.6331**	**11.6813**	**0.1426**	**3.4471**	**0.0603**	**3.5075**	**0.9450**	**0.0577**	**1.0027**		**15,526.3183**	**15,526.3183**	**1.0678**		**15,553.0133**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0753	0.0000	0.0753	0.0114	0.0000	0.0114			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0753**	**0.0000**	**0.0753**	**0.0114**	**0.0000**	**0.0114**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.0516	32.6331	11.6813	0.1426	3.2126	0.0603	3.2729	0.8874	0.0577	0.9451		15,526.3183	15,526.3183	1.0678		15,553.0133
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.0516**	**32.6331**	**11.6813**	**0.1426**	**3.2126**	**0.0603**	**3.2729**	**0.8874**	**0.0577**	**0.9451**		**15,526.3183**	**15,526.3183**	**1.0678**		**15,553.0133**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946		1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**		**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0490	1.5343	0.5196	5.2700e-003	0.1409	1.8700e-003	0.1427	0.0406	1.7900e-003	0.0423		564.8309	564.8309	0.0323		565.6372
Worker	0.2363	0.1492	1.7459	5.6000e-003	0.6260	4.7600e-003	0.6307	0.1660	4.3800e-003	0.1704		558.1635	558.1635	0.0144		558.5226
Total	**0.2852**	**1.6834**	**2.2654**	**0.0109**	**0.7668**	**6.6300e-003**	**0.7734**	**0.2066**	**6.1700e-003**	**0.2127**		**1,122.9944**	**1,122.9944**	**0.0466**		**1,124.1598**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Off-Road	0.6322	6.4186	7.0970	0.0114		0.3203	0.3203		0.2946	0.2946	0.0000	1,104.6089	1,104.6089	0.3573		1,113.5402
Total	**0.6322**	**6.4186**	**7.0970**	**0.0114**		**0.3203**	**0.3203**		**0.2946**	**0.2946**	**0.0000**	**1,104.6089**	**1,104.6089**	**0.3573**		**1,113.5402**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0490	1.5343	0.5196	5.2700e-003	0.1318	1.8700e-003	0.1337	0.0383	1.7900e-003	0.0401		564.8309	564.8309	0.0323		565.6372
Worker	0.2363	0.1492	1.7459	5.6000e-003	0.5770	4.7600e-003	0.5817	0.1540	4.3800e-003	0.1584		558.1635	558.1635	0.0144		558.5226
Total	**0.2852**	**1.6834**	**2.2654**	**0.0109**	**0.7088**	**6.6300e-003**	**0.7154**	**0.1923**	**6.1700e-003**	**0.1985**		**1,122.9944**	**1,122.9944**	**0.0466**		**1,124.1598**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598		1,104.9834	1,104.9834	0.3574		1,113.9177
Total	**0.5950**	**5.9739**	**7.0675**	**0.0114**		**0.2824**	**0.2824**		**0.2598**	**0.2598**		**1,104.9834**	**1,104.9834**	**0.3574**		**1,113.9177**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0478	1.5288	0.5038	5.2500e-003	0.1409	1.8400e-003	0.1427	0.0406	1.7600e-003	0.0423		562.6403	562.6403	0.0318		563.4343
Worker	0.2242	0.1360	1.6254	5.4200e-003	0.6260	4.6900e-003	0.6306	0.1660	4.3200e-003	0.1703		540.8501	540.8501	0.0132		541.1792
Total	**0.2720**	**1.6648**	**2.1292**	**0.0107**	**0.7668**	**6.5300e-003**	**0.7733**	**0.2066**	**6.0800e-003**	**0.2126**		**1,103.4904**	**1,103.4904**	**0.0449**		**1,104.6135**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5950	5.9739	7.0675	0.0114		0.2824	0.2824		0.2598	0.2598	0.0000	1,104.9834	1,104.9834	0.3574		1,113.9177
Total	**0.5950**	**5.9739**	**7.0675**	**0.0114**		**0.2824**	**0.2824**		**0.2598**	**0.2598**	**0.0000**	**1,104.9834**	**1,104.9834**	**0.3574**		**1,113.9177**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0478	1.5288	0.5038	5.2500e-003	0.1318	1.8400e-003	0.1337	0.0383	1.7600e-003	0.0401		562.6403	562.6403	0.0318		563.4343
Worker	0.2242	0.1360	1.6254	5.4200e-003	0.5770	4.6900e-003	0.5817	0.1540	4.3200e-003	0.1583		540.8501	540.8501	0.0132		541.1792
Total	**0.2720**	**1.6648**	**2.1292**	**0.0107**	**0.7088**	**6.5300e-003**	**0.7153**	**0.1923**	**6.0800e-003**	**0.1984**		**1,103.4904**	**1,103.4904**	**0.0449**		**1,104.6135**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220		1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**		**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0465	1.5158	0.4909	5.2200e-003	0.1409	1.8000e-003	0.1427	0.0406	1.7200e-003	0.0423		559.6234	559.6234	0.0313		560.4055
Worker	0.2136	0.1244	1.5081	5.2100e-003	0.6260	4.5900e-003	0.6305	0.1660	4.2300e-003	0.1702		519.9134	519.9134	0.0120		520.2133
Total	**0.2601**	**1.6402**	**1.9991**	**0.0104**	**0.7668**	**6.3900e-003**	**0.7732**	**0.2066**	**5.9500e-003**	**0.2125**		**1,079.5368**	**1,079.5368**	**0.0433**		**1,080.6188**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5510	5.4820	7.0282	0.0114		0.2413	0.2413		0.2220	0.2220	0.0000	1,105.5711	1,105.5711	0.3576		1,114.5102
Total	**0.5510**	**5.4820**	**7.0282**	**0.0114**		**0.2413**	**0.2413**		**0.2220**	**0.2220**	**0.0000**	**1,105.5711**	**1,105.5711**	**0.3576**		**1,114.5102**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0465	1.5158	0.4909	5.2200e-003	0.1318	1.8000e-003	0.1336	0.0383	1.7200e-003	0.0401		559.6234	559.6234	0.0313		560.4055

Worker	0.2136	0.1244	1.5081	5.2100e-003	0.5770	4.5900e-003	0.5816	0.1540	4.2300e-003	0.1582		519.9134	519.9134	0.0120		520.2133
Total	**0.2601**	**1.6402**	**1.9991**	**0.0104**	**0.7088**	**6.3900e-003**	**0.7152**	**0.1923**	**5.9500e-003**	**0.1983**		**1,079.5368**	**1,079.5368**	**0.0433**		**1,080.6188**

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046		1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.1186					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6824**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**		**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0687	0.0400	0.4848	1.6800e-003	0.2012	1.4800e-003	0.2027	0.0534	1.3600e-003	0.0547		167.1150	167.1150	3.8600e-003		167.2114
Total	**0.0687**	**0.0400**	**0.4848**	**1.6800e-003**	**0.2012**	**1.4800e-003**	**0.2027**	**0.0534**	**1.3600e-003**	**0.0547**		**167.1150**	**167.1150**	**3.8600e-003**		**167.2114**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5638	4.9206	7.0257	0.0113		0.2186	0.2186		0.2046	0.2046	0.0000	1,036.2711	1,036.2711	0.3019		1,043.8179
Paving	0.1186					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6824**	**4.9206**	**7.0257**	**0.0113**		**0.2186**	**0.2186**		**0.2046**	**0.2046**	**0.0000**	**1,036.2711**	**1,036.2711**	**0.3019**		**1,043.8179**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0687	0.0400	0.4848	1.6800e-003	0.1855	1.4800e-003	0.1869	0.0495	1.3600e-003	0.0509		167.1150	167.1150	3.8600e-003		167.2114
Total	**0.0687**	**0.0400**	**0.4848**	**1.6800e-003**	**0.1855**	**1.4800e-003**	**0.1869**	**0.0495**	**1.3600e-003**	**0.0509**		**167.1150**	**167.1150**	**3.8600e-003**		**167.2114**

3.9 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	21.1396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**21.3105**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0420	0.0244	0.2962	1.0200e-003	0.1230	9.0000e-004	0.1239	0.0326	8.3000e-004	0.0334		102.1259	102.1259	2.3600e-003		102.1848
Total	**0.0420**	**0.0244**	**0.2962**	**1.0200e-003**	**0.1230**	**9.0000e-004**	**0.1239**	**0.0326**	**8.3000e-004**	**0.0334**		**102.1259**	**102.1259**	**2.3600e-003**		**102.1848**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Archit. Coating	21.1396					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**21.3105**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0420	0.0244	0.2962	1.0200e-003	0.1133	9.0000e-004	0.1142	0.0303	8.3000e-004	0.0311		102.1259	102.1259	2.3600e-003		102.1848
Total	**0.0420**	**0.0244**	**0.2962**	**1.0200e-003**	**0.1133**	**9.0000e-004**	**0.1142**	**0.0303**	**8.3000e-004**	**0.0311**		**102.1259**	**102.1259**	**2.3600e-003**		**102.1848**

Rise Kohyang Middle School Project - Construction

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	83.70	1000sqft	0.00	83,699.00	0
Enclosed Parking with Elevator	6.53	1000sqft	0.00	6,530.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	37,354.00	0
Other Non-Asphalt Surfaces	5.39	1000sqft	0.12	5,392.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - assumes building footprint is covered under the "other asphalt surfaces land use" area

Construction Phase - based on CalEEMod defaults normalized to fit duration provided by District

Off-road Equipment - no additional equipment required for Demo Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - no additional equipment required for Grading Soil Haul

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Grading -

Demolition -

Trips and VMT - 2 vendor trips/water truck/day, see assumptions file for hauling trips calculations for demo debris haul and grading soil haul

Architectural Coating - SCAQMD Rule 1113

Construction Off-road Equipment Mitigation - SCAQMD Rule 403 and 1186

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	100.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	100.00	50.00
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	9
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	5.00	19.00
tblConstructionPhase	NumDays	100.00	370.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	NumDays	5.00	19.00
tblConstructionPhase	NumDays	1.00	4.00
tblConstructionPhase	NumDays	10.00	38.00
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	PhaseEndDate	2/1/2024	5/15/2025
tblConstructionPhase	PhaseEndDate	1/18/2024	3/24/2025
tblConstructionPhase	PhaseEndDate	8/28/2023	10/5/2023
tblConstructionPhase	PhaseEndDate	8/31/2023	10/23/2023
tblConstructionPhase	PhaseEndDate	1/25/2024	4/20/2025

tblConstructionPhase	PhaseEndDate	8/29/2023	10/11/2023
tblConstructionPhase	PhaseStartDate	1/26/2024	4/21/2025
tblConstructionPhase	PhaseStartDate	9/1/2023	10/24/2023
tblConstructionPhase	PhaseStartDate	8/30/2023	10/12/2023
tblConstructionPhase	PhaseStartDate	1/19/2024	3/25/2025
tblConstructionPhase	PhaseStartDate	8/29/2023	10/6/2023
tblGrading	MaterialExported	0.00	12,461.00
tblLandUse	LotAcreage	1.92	0.00
tblLandUse	LotAcreage	0.15	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblTripsAndVMT	HaulingTripNumber	48.00	49.00
tblTripsAndVMT	HaulingTripNumber	1,558.00	1,577.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0429	0.4856	0.4626	1.4700e-003	0.0449	0.0152	0.0601	0.0122	0.0142	0.0264	0.0000	137.3011	137.3011	0.0179	0.0000	137.7490
2024	0.1104	1.0043	1.2082	2.9200e-003	0.0985	0.0378	0.1364	0.0266	0.0348	0.0614	0.0000	264.6022	264.6022	0.0477	0.0000	265.7953
2025	0.2331	0.2692	0.3586	8.1000e-004	0.0252	9.8900e-003	0.0351	6.7900e-003	9.1800e-003	0.0160	0.0000	72.6640	72.6640	0.0135	0.0000	73.0014
Maximum	**0.2331**	**1.0043**	**1.2082**	**2.9200e-003**	**0.0985**	**0.0378**	**0.1364**	**0.0266**	**0.0348**	**0.0614**	**0.0000**	**264.6022**	**264.6022**	**0.0477**	**0.0000**	**265.7953**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0429	0.4856	0.4626	1.4700e-003	0.0367	0.0152	0.0519	0.0100	0.0142	0.0243	0.0000	137.3010	137.3010	0.0179	0.0000	137.7490
2024	0.1104	1.0043	1.2082	2.9200e-003	0.0911	0.0378	0.1290	0.0248	0.0348	0.0596	0.0000	264.6020	264.6020	0.0477	0.0000	265.7951
2025	0.2331	0.2692	0.3586	8.1000e-004	0.0233	9.8900e-003	0.0332	6.3200e-003	9.1800e-003	0.0155	0.0000	72.6639	72.6639	0.0135	0.0000	73.0013
Maximum	**0.2331**	**1.0043**	**1.2082**	**2.9200e-003**	**0.0911**	**0.0378**	**0.1290**	**0.0248**	**0.0348**	**0.0596**	**0.0000**	**264.6020**	**264.6020**	**0.0477**	**0.0000**	**265.7951**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**10.43**	**0.00**	**7.59**	**9.75**	**0.00**	**4.28**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	8-15-2023	11-14-2023	0.5338	0.5338
2	11-15-2023	2-14-2024	0.2881	0.2881
3	2-15-2024	5-14-2024	0.2729	0.2729
4	5-15-2024	8-14-2024	0.2784	0.2784
5	8-15-2024	11-14-2024	0.2789	0.2789
6	11-15-2024	2-14-2025	0.2703	0.2703
7	2-15-2025	5-14-2025	0.3556	0.3556
8	5-15-2025	8-14-2025	0.0080	0.0080
		Highest	0.5338	0.5338

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	8/15/2023	10/5/2023	5	38	a
2	Demolition Debris Haul	Demolition	8/15/2023	10/5/2023	5	38	b
3	Site Preparation	Site Preparation	10/6/2023	10/11/2023	5	4	c
4	Grading	Grading	10/12/2023	10/23/2023	5	8	d
5	Grading Soil Haul	Grading	10/12/2023	10/23/2023	5	8	e
6	Building Construction	Building Construction	10/24/2023	3/24/2025	5	370	f
7	Paving	Paving	3/25/2025	4/20/2025	5	19	g
8	Architectural Coating	Architectural Coating	4/21/2025	5/15/2025	5	19	h

Acres of Grading (Site Preparation Phase): 2

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.98

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 125,549; Non-Residential Outdoor: 41,850; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Demolition Debris Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Grading Soil Haul	Concrete/Industrial Saws	0	8.00	81	0.73
Demolition Debris Haul	Rubber Tired Dozers	0	1.00	247	0.40
Grading Soil Haul	Rubber Tired Dozers	0	1.00	247	0.40
Demolition Debris Haul	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Grading Soil Haul	Tractors/Loaders/Backhoes	0	6.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	4	10.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Site Preparation	2	5.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	0.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	56.00	22.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition Debris Haul	0	0.00	0.00	49.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading Soil Haul	0	0.00	0.00	1,577.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0123	0.1098	0.1405	2.3000e-004		5.3600e-003	5.3600e-003		5.1300e-003	5.1300e-003	0.0000	19.7945	19.7945	3.6000e-003	0.0000	19.8845
Total	**0.0123**	**0.1098**	**0.1405**	**2.3000e-004**		**5.3600e-003**	**5.3600e-003**		**5.1300e-003**	**5.1300e-003**	**0.0000**	**19.7945**	**19.7945**	**3.6000e-003**	**0.0000**	**19.8845**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	2.6900e-003	8.6000e-004	1.0000e-005	2.4000e-004	0.0000	2.4000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.8994	0.8994	5.0000e-005	0.0000	0.9006
Worker	7.2000e-004	5.2000e-004	6.0900e-003	2.0000e-005	2.0800e-003	2.0000e-005	2.1000e-003	5.5000e-004	1.0000e-005	5.7000e-004	0.0000	1.7466	1.7466	4.0000e-005	0.0000	1.7477
Total	**8.0000e-004**	**3.2100e-003**	**6.9500e-003**	**3.0000e-005**	**2.3200e-003**	**2.0000e-005**	**2.3400e-003**	**6.2000e-004**	**1.0000e-005**	**6.4000e-004**	**0.0000**	**2.6460**	**2.6460**	**9.0000e-005**	**0.0000**	**2.6483**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0123	0.1098	0.1405	2.3000e-004		5.3600e-003	5.3600e-003		5.1300e-003	5.1300e-003	0.0000	19.7945	19.7945	3.6000e-003	0.0000	19.8845
Total	**0.0123**	**0.1098**	**0.1405**	**2.3000e-004**		**5.3600e-003**	**5.3600e-003**		**5.1300e-003**	**5.1300e-003**	**0.0000**	**19.7945**	**19.7945**	**3.6000e-003**	**0.0000**	**19.8845**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.0000e-005	2.6900e-003	8.6000e-004	1.0000e-005	2.2000e-004	0.0000	2.3000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.8994	0.8994	5.0000e-005	0.0000	0.9006
Worker	7.2000e-004	5.2000e-004	6.0900e-003	2.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.1000e-004	1.0000e-005	5.3000e-004	0.0000	1.7466	1.7466	4.0000e-005	0.0000	1.7477
Total	**8.0000e-004**	**3.2100e-003**	**6.9500e-003**	**3.0000e-005**	**2.1400e-003**	**2.0000e-005**	**2.1700e-003**	**5.8000e-004**	**1.0000e-005**	**6.0000e-004**	**0.0000**	**2.6460**	**2.6460**	**9.0000e-005**	**0.0000**	**2.6483**

3.3 Demolition Debris Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.2300e-003	0.0000	5.2300e-003	7.9000e-004	0.0000	7.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**5.2300e-003**	**0.0000**	**5.2300e-003**	**7.9000e-004**	**0.0000**	**7.9000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.1300e-003	1.4200e-003	2.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.2000e-004	0.0000	1.7686	1.7686	1.2000e-004	0.0000	1.7715

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.3000e-004**	**4.1300e-003**	**1.4200e-003**	**2.0000e-005**	**4.2000e-004**	**1.0000e-005**	**4.3000e-004**	**1.2000e-004**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**1.7686**	**1.7686**	**1.2000e-004**	**0.0000**	**1.7715**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2400e-003	0.0000	2.2400e-003	3.4000e-004	0.0000	3.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**2.2400e-003**	**0.0000**	**2.2400e-003**	**3.4000e-004**	**0.0000**	**3.4000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3000e-004	4.1300e-003	1.4200e-003	2.0000e-005	3.9000e-004	1.0000e-005	4.0000e-004	1.1000e-004	1.0000e-005	1.2000e-004	0.0000	1.7686	1.7686	1.2000e-004	0.0000	1.7715
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	**1.3000e-004**	**4.1300e-003**	**1.4200e-003**	**2.0000e-005**	**3.9000e-004**	**1.0000e-005**	**4.0000e-004**	**1.1000e-004**	**1.0000e-005**	**1.2000e-004**	**0.0000**	**1.7686**	**1.7686**	**1.2000e-004**	**0.0000**	**1.7715**

3.4 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0700e-003	0.0124	7.8500e-003	2.0000e-005		4.5000e-004	4.5000e-004		4.2000e-004	4.2000e-004	0.0000	1.7099	1.7099	5.5000e-004	0.0000	1.7237
Total	**1.0700e-003**	**0.0124**	**7.8500e-003**	**2.0000e-005**	**1.0600e-003**	**4.5000e-004**	**1.5100e-003**	**1.1000e-004**	**4.2000e-004**	**5.3000e-004**	**0.0000**	**1.7099**	**1.7099**	**5.5000e-004**	**0.0000**	**1.7237**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	2.8000e-004	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0947	0.0947	1.0000e-005	0.0000	0.0948
Worker	4.0000e-005	3.0000e-005	3.2000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0919	0.0919	0.0000	0.0000	0.0920
Total	**5.0000e-005**	**3.1000e-004**	**4.1000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1866**	**0.1866**	**1.0000e-005**	**0.0000**	**0.1868**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.5000e-004	0.0000	4.5000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0700e-003	0.0124	7.8500e-003	2.0000e-005		4.5000e-004	4.5000e-004		4.2000e-004	4.2000e-004	0.0000	1.7099	1.7099	5.5000e-004	0.0000	1.7237
Total	**1.0700e-003**	**0.0124**	**7.8500e-003**	**2.0000e-005**	**4.5000e-004**	**4.5000e-004**	**9.0000e-004**	**5.0000e-005**	**4.2000e-004**	**4.7000e-004**	**0.0000**	**1.7099**	**1.7099**	**5.5000e-004**	**0.0000**	**1.7237**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	2.8000e-004	9.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0947	0.0947	1.0000e-005	0.0000	0.0948
Worker	4.0000e-005	3.0000e-005	3.2000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0919	0.0919	0.0000	0.0000	0.0920
Total	**5.0000e-005**	**3.1000e-004**	**4.1000e-004**	**0.0000**	**1.2000e-004**	**0.0000**	**1.2000e-004**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**0.0000**	**0.1866**	**0.1866**	**1.0000e-005**	**0.0000**	**0.1868**

3.5 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					3.0100e-003	0.0000	3.0100e-003	1.6600e-003	0.0000	1.6600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.5900e-003	0.0231	0.0296	5.0000e-005		1.1300e-003	1.1300e-003		1.0800e-003	1.0800e-003	0.0000	4.1673	4.1673	7.6000e-004	0.0000	4.1862
Total	**2.5900e-003**	**0.0231**	**0.0296**	**5.0000e-005**	**3.0100e-003**	**1.1300e-003**	**4.1400e-003**	**1.6600e-003**	**1.0800e-003**	**2.7400e-003**	**0.0000**	**4.1673**	**4.1673**	**7.6000e-004**	**0.0000**	**4.1862**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	5.7000e-004	1.8000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1894	0.1894	1.0000e-005	0.0000	0.1896
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**5.7000e-004**	**1.8000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.1894**	**0.1894**	**1.0000e-005**	**0.0000**	**0.1896**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2900e-003	0.0000	1.2900e-003	7.1000e-004	0.0000	7.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	2.5900e-003	0.0231	0.0296	5.0000e-005		1.1300e-003	1.1300e-003		1.0800e-003	1.0800e-003	0.0000	4.1673	4.1673	7.6000e-004	0.0000	4.1862
Total	**2.5900e-003**	**0.0231**	**0.0296**	**5.0000e-005**	**1.2900e-003**	**1.1300e-003**	**2.4200e-003**	**7.1000e-004**	**1.0800e-003**	**1.7900e-003**	**0.0000**	**4.1673**	**4.1673**	**7.6000e-004**	**0.0000**	**4.1862**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	5.7000e-004	1.8000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.1894	0.1894	1.0000e-005	0.0000	0.1896
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**5.7000e-004**	**1.8000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.1894**	**0.1894**	**1.0000e-005**	**0.0000**	**0.1896**

3.6 Grading Soil Haul - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0000e-004	0.0000	7.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**7.0000e-004**	**0.0000**	**7.0000e-004**	**1.1000e-004**	**0.0000**	**1.1000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1500e-003	0.1329	0.0457	5.8000e-004	0.0136	2.4000e-004	0.0138	3.7200e-003	2.3000e-004	3.9500e-003	0.0000	56.9188	56.9188	3.8100e-003	0.0000	57.0141
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1500e-003**	**0.1329**	**0.0457**	**5.8000e-004**	**0.0136**	**2.4000e-004**	**0.0138**	**3.7200e-003**	**2.3000e-004**	**3.9500e-003**	**0.0000**	**56.9188**	**56.9188**	**3.8100e-003**	**0.0000**	**57.0141**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0000e-004	0.0000	3.0000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**3.0000e-004**	**0.0000**	**3.0000e-004**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.1500e-003	0.1329	0.0457	5.8000e-004	0.0126	2.4000e-004	0.0129	3.5000e-003	2.3000e-004	3.7200e-003	0.0000	56.9188	56.9188	3.8100e-003	0.0000	57.0141
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.1500e-003**	**0.1329**	**0.0457**	**5.8000e-004**	**0.0126**	**2.4000e-004**	**0.0129**	**3.5000e-003**	**2.3000e-004**	**3.7200e-003**	**0.0000**	**56.9188**	**56.9188**	**3.8100e-003**	**0.0000**	**57.0141**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0155	0.1573	0.1739	2.8000e-004		7.8500e-003	7.8500e-003		7.2200e-003	7.2200e-003	0.0000	24.5511	24.5511	7.9400e-003	0.0000	24.7496
Total	**0.0155**	**0.1573**	**0.1739**	**2.8000e-004**		**7.8500e-003**	**7.8500e-003**		**7.2200e-003**	**7.2200e-003**	**0.0000**	**24.5511**	**24.5511**	**7.9400e-003**	**0.0000**	**24.7496**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1700e-003	0.0382	0.0122	1.3000e-004	3.4000e-003	4.0000e-005	3.4400e-003	9.8000e-004	4.0000e-005	1.0200e-003	0.0000	12.7572	12.7572	7.0000e-004	0.0000	12.7746
Worker	5.2100e-003	3.7600e-003	0.0440	1.4000e-004	0.0150	1.2000e-004	0.0152	3.9900e-003	1.1000e-004	4.1000e-003	0.0000	12.6120	12.6120	3.2000e-004	0.0000	12.6201
Total	**6.3800e-003**	**0.0419**	**0.0562**	**2.7000e-004**	**0.0184**	**1.6000e-004**	**0.0186**	**4.9700e-003**	**1.5000e-004**	**5.1200e-003**	**0.0000**	**25.3692**	**25.3692**	**1.0200e-003**	**0.0000**	**25.3946**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0155	0.1573	0.1739	2.8000e-004		7.8500e-003	7.8500e-003		7.2200e-003	7.2200e-003	0.0000	24.5510	24.5510	7.9400e-003	0.0000	24.7495
Total	**0.0155**	**0.1573**	**0.1739**	**2.8000e-004**		**7.8500e-003**	**7.8500e-003**		**7.2200e-003**	**7.2200e-003**	**0.0000**	**24.5510**	**24.5510**	**7.9400e-003**	**0.0000**	**24.7495**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.1700e-003	0.0382	0.0122	1.3000e-004	3.1800e-003	4.0000e-005	3.2200e-003	9.3000e-004	4.0000e-005	9.7000e-004	0.0000	12.7572	12.7572	7.0000e-004	0.0000	12.7746
Worker	5.2100e-003	3.7600e-003	0.0440	1.4000e-004	0.0139	1.2000e-004	0.0140	3.7100e-003	1.1000e-004	3.8100e-003	0.0000	12.6120	12.6120	3.2000e-004	0.0000	12.6201

Total	**6.3800e-003**	**0.0419**	**0.0562**	**2.7000e-004**	**0.0170**	**1.6000e-004**	**0.0172**	**4.6400e-003**	**1.5000e-004**	**4.7800e-003**	**0.0000**	**25.3692**	**25.3692**	**1.0200e-003**	**0.0000**	**25.3946**

3.7 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0780	0.7826	0.9258	1.5000e-003		0.0370	0.0370		0.0340	0.0340	0.0000	131.3176	131.3176	0.0425	0.0000	132.3793
Total	**0.0780**	**0.7826**	**0.9258**	**1.5000e-003**		**0.0370**	**0.0370**		**0.0340**	**0.0340**	**0.0000**	**131.3176**	**131.3176**	**0.0425**	**0.0000**	**132.3793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0800e-003	0.2034	0.0635	7.0000e-004	0.0182	2.3000e-004	0.0184	5.2400e-003	2.2000e-004	5.4600e-003	0.0000	67.9401	67.9401	3.6600e-003	0.0000	68.0317
Worker	0.0264	0.0183	0.2189	7.2000e-004	0.0804	6.1000e-004	0.0810	0.0214	5.7000e-004	0.0219	0.0000	65.3445	65.3445	1.5900e-003	0.0000	65.3843
Total	**0.0324**	**0.2217**	**0.2823**	**1.4200e-003**	**0.0986**	**8.4000e-004**	**0.0994**	**0.0266**	**7.9000e-004**	**0.0274**	**0.0000**	**133.2846**	**133.2846**	**5.2500e-003**	**0.0000**	**133.4160**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0780	0.7826	0.9258	1.5000e-003		0.0370	0.0370		0.0340	0.0340	0.0000	131.3174	131.3174	0.0425	0.0000	132.3792
Total	**0.0780**	**0.7826**	**0.9258**	**1.5000e-003**		**0.0370**	**0.0370**		**0.0340**	**0.0340**	**0.0000**	**131.3174**	**131.3174**	**0.0425**	**0.0000**	**132.3792**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0800e-003	0.2034	0.0635	7.0000e-004	0.0170	2.3000e-004	0.0172	4.9600e-003	2.2000e-004	5.1800e-003	0.0000	67.9401	67.9401	3.6600e-003	0.0000	68.0317
Worker	0.0264	0.0183	0.2189	7.2000e-004	0.0741	6.1000e-004	0.0747	0.0198	5.7000e-004	0.0204	0.0000	65.3445	65.3445	1.5900e-003	0.0000	65.3843
Total	**0.0324**	**0.2217**	**0.2823**	**1.4200e-003**	**0.0911**	**8.4000e-004**	**0.0920**	**0.0248**	**7.9000e-004**	**0.0256**	**0.0000**	**133.2846**	**133.2846**	**5.2500e-003**	**0.0000**	**133.4160**

3.7 Building Construction - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Off-Road	0.0163	0.1617	0.2073	3.4000e-004		7.1200e-003	7.1200e-003		6.5500e-003	6.5500e-003	0.0000	29.5872	29.5872	9.5700e-003	0.0000	29.8265
Total	**0.0163**	**0.1617**	**0.2073**	**3.4000e-004**		**7.1200e-003**	**7.1200e-003**		**6.5500e-003**	**6.5500e-003**	**0.0000**	**29.5872**	**29.5872**	**9.5700e-003**	**0.0000**	**29.8265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3400e-003	0.0454	0.0139	1.6000e-004	4.0900e-003	5.0000e-005	4.1400e-003	1.1800e-003	5.0000e-005	1.2300e-003	0.0000	15.2161	15.2161	8.1000e-004	0.0000	15.2365
Worker	5.6400e-003	3.7700e-003	0.0458	1.6000e-004	0.0181	1.4000e-004	0.0182	4.8100e-003	1.2000e-004	4.9300e-003	0.0000	14.1452	14.1452	3.3000e-004	0.0000	14.1534
Total	**6.9800e-003**	**0.0492**	**0.0597**	**3.2000e-004**	**0.0222**	**1.9000e-004**	**0.0224**	**5.9900e-003**	**1.7000e-004**	**6.1600e-003**	**0.0000**	**29.3613**	**29.3613**	**1.1400e-003**	**0.0000**	**29.3898**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0163	0.1617	0.2073	3.4000e-004		7.1200e-003	7.1200e-003		6.5500e-003	6.5500e-003	0.0000	29.5872	29.5872	9.5700e-003	0.0000	29.8264

Total	**0.0163**	**0.1617**	**0.2073**	**3.4000e-004**		**7.1200e-003**	**7.1200e-003**		**6.5500e-003**	**6.5500e-003**	**0.0000**	**29.5872**	**29.5872**	**9.5700e-003**	**0.0000**	**29.8264**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3400e-003	0.0454	0.0139	1.6000e-004	3.8300e-003	5.0000e-005	3.8800e-003	1.1200e-003	5.0000e-005	1.1700e-003	0.0000	15.2161	15.2161	8.1000e-004	0.0000	15.2365
Worker	5.6400e-003	3.7700e-003	0.0458	1.6000e-004	0.0167	1.4000e-004	0.0168	4.4600e-003	1.2000e-004	4.5900e-003	0.0000	14.1452	14.1452	3.3000e-004	0.0000	14.1534
Total	**6.9800e-003**	**0.0492**	**0.0597**	**3.2000e-004**	**0.0205**	**1.9000e-004**	**0.0207**	**5.5800e-003**	**1.7000e-004**	**5.7600e-003**	**0.0000**	**29.3613**	**29.3613**	**1.1400e-003**	**0.0000**	**29.3898**

3.8 Paving - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3600e-003	0.0468	0.0667	1.1000e-004		2.0800e-003	2.0800e-003		1.9400e-003	1.9400e-003	0.0000	8.9309	8.9309	2.6000e-003	0.0000	8.9959
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.4900e-003**	**0.0468**	**0.0667**	**1.1000e-004**		**2.0800e-003**	**2.0800e-003**		**1.9400e-003**	**1.9400e-003**	**0.0000**	**8.9309**	**8.9309**	**2.6000e-003**	**0.0000**	**8.9959**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	3.9000e-004	4.7400e-003	2.0000e-005	1.8700e-003	1.0000e-005	1.8900e-003	5.0000e-004	1.0000e-005	5.1000e-004	0.0000	1.4642	1.4642	3.0000e-005	0.0000	1.4650
Total	**5.8000e-004**	**3.9000e-004**	**4.7400e-003**	**2.0000e-005**	**1.8700e-003**	**1.0000e-005**	**1.8900e-003**	**5.0000e-004**	**1.0000e-005**	**5.1000e-004**	**0.0000**	**1.4642**	**1.4642**	**3.0000e-005**	**0.0000**	**1.4650**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	5.3600e-003	0.0468	0.0667	1.1000e-004		2.0800e-003	2.0800e-003		1.9400e-003	1.9400e-003	0.0000	8.9308	8.9308	2.6000e-003	0.0000	8.9959
Paving	1.1300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.4900e-003**	**0.0468**	**0.0667**	**1.1000e-004**		**2.0800e-003**	**2.0800e-003**		**1.9400e-003**	**1.9400e-003**	**0.0000**	**8.9308**	**8.9308**	**2.6000e-003**	**0.0000**	**8.9959**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.8000e-004	3.9000e-004	4.7400e-003	2.0000e-005	1.7300e-003	1.0000e-005	1.7400e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.4642	1.4642	3.0000e-005	0.0000	1.4650
Total	**5.8000e-004**	**3.9000e-004**	**4.7400e-003**	**2.0000e-005**	**1.7300e-003**	**1.0000e-005**	**1.7400e-003**	**4.6000e-004**	**1.0000e-005**	**4.7000e-004**	**0.0000**	**1.4642**	**1.4642**	**3.0000e-005**	**0.0000**	**1.4650**

3.9 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2008					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6200e-003	0.0109	0.0172	3.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	2.4256	2.4256	1.3000e-004	0.0000	2.4289
Total	**0.2025**	**0.0109**	**0.0172**	**3.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4256**	**2.4256**	**1.3000e-004**	**0.0000**	**2.4289**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.4000e-004	2.8900e-003	1.0000e-005	1.1500e-003	1.0000e-005	1.1500e-003	3.0000e-004	1.0000e-005	3.1000e-004	0.0000	0.8948	0.8948	2.0000e-005	0.0000	0.8953
Total	**3.6000e-004**	**2.4000e-004**	**2.8900e-003**	**1.0000e-005**	**1.1500e-003**	**1.0000e-005**	**1.1500e-003**	**3.0000e-004**	**1.0000e-005**	**3.1000e-004**	**0.0000**	**0.8948**	**0.8948**	**2.0000e-005**	**0.0000**	**0.8953**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2008					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6200e-003	0.0109	0.0172	3.0000e-005		4.9000e-004	4.9000e-004		4.9000e-004	4.9000e-004	0.0000	2.4256	2.4256	1.3000e-004	0.0000	2.4289
Total	**0.2025**	**0.0109**	**0.0172**	**3.0000e-005**		**4.9000e-004**	**4.9000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4256**	**2.4256**	**1.3000e-004**	**0.0000**	**2.4289**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6000e-004	2.4000e-004	2.8900e-003	1.0000e-005	1.0600e-003	1.0000e-005	1.0600e-003	2.8000e-004	1.0000e-005	2.9000e-004	0.0000	0.8948	0.8948	2.0000e-005	0.0000	0.8953
Total	**3.6000e-004**	**2.4000e-004**	**2.8900e-003**	**1.0000e-005**	**1.0600e-003**	**1.0000e-005**	**1.0600e-003**	**2.8000e-004**	**1.0000e-005**	**2.9000e-004**	**0.0000**	**0.8948**	**0.8948**	**2.0000e-005**	**0.0000**	**0.8953**

CalEEMod Operations Model

Rise Kohyang Middle School Project - Operations

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	83.70	1000sqft	0.00	83,699.00	0
Enclosed Parking with Elevator	6.53	1000sqft	0.00	6,530.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	37,354.00	0
Other Non-Asphalt Surfaces	5.39	1000sqft	0.12	5,392.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - assumes building footprint is covered under the "other asphalt surfaces land use" area

Construction Phase -

Off-road Equipment -

Trips and VMT -

Demolition -

Grading -

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Because the student population of the school would not increase, no additional trips would be assumed to occur.

Energy Use - adjustment based on NORESCO study, see assumptions file

Water And Wastewater - Assumes that students are already generating water/wastewater use at their current facilties (no net increase in total water use)

Solid Waste - Assumes that students are already generating solid waste at their current facilties (no net increase in solid waste disposal)

Construction Off-road Equipment Mitigation -

Water Mitigation -

Area Coating - SCAQMD Rule 1113

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	T24E	3.92	3.50
tblEnergyUse	T24E	1.74	1.55
tblEnergyUse	T24NG	9.32	9.23
tblLandUse	LandUseSquareFeet	83,700.00	83,699.00
tblLandUse	LandUseSquareFeet	37,350.00	37,354.00
tblLandUse	LandUseSquareFeet	5,390.00	5,392.00
tblLandUse	LotAcreage	1.92	0.00
tblLandUse	LotAcreage	0.15	0.00
tblSolidWaste	SolidWasteGenerationRate	108.81	0.00
tblVehicleTrips	WD_TR	13.78	0.00
tblWater	IndoorWaterUseRate	1,725,978.07	0.00
tblWater	OutdoorWaterUseRate	4,438,229.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Energy	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.8115**	**0.2319**	**0.2082**	**1.3900e-003**	**0.0000**	**0.0177**	**0.0177**	**0.0000**	**0.0177**	**0.0177**		**278.1715**	**278.1715**	**5.4100e-003**	**5.1000e-003**	**279.8262**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Energy	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.8115**	**0.2319**	**0.2082**	**1.3900e-003**	**0.0000**	**0.0177**	**0.0177**	**0.0000**	**0.0177**	**0.0177**		**278.1715**	**278.1715**	**5.4100e-003**	**5.1000e-003**	**279.8262**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Junior High School	16.60	8.40	6.90	72.80	22.20	5.00	63	25	12
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Junior High School	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Other Asphalt Surfaces	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Other Non-Asphalt Surfaces	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
NaturalGas Unmitigated	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	2364.21	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0255**	**0.2318**	**0.1947**	**1.3900e-003**		**0.0176**	**0.0176**		**0.0176**	**0.0176**		**278.1424**	**278.1424**	**5.3300e-003**	**5.1000e-003**	**279.7952**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	2.36421	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0255**	**0.2318**	**0.1947**	**1.3900e-003**		**0.0176**	**0.0176**		**0.0176**	**0.0176**		**278.1424**	**278.1424**	**5.3300e-003**	**5.1000e-003**	**279.7952**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Unmitigated	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2500e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Total	**1.7860**	**1.2000e-004**	**0.0135**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0291**	**0.0291**	**8.0000e-005**		**0.0310**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2500e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Total	**1.7860**	**1.2000e-004**	**0.0135**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0291**	**0.0291**	**8.0000e-005**		**0.0310**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

Rise Kohyang Middle School Project - Operations

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	83.70	1000sqft	0.00	83,699.00	0
Enclosed Parking with Elevator	6.53	1000sqft	0.00	6,530.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	37,354.00	0
Other Non-Asphalt Surfaces	5.39	1000sqft	0.12	5,392.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - assumes building footprint is covered under the "other asphalt surfaces land use" area

Construction Phase -

Off-road Equipment -

Trips and VMT -

Demolition -

Grading -

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Because the student population of the school would not increase, no additional trips would be assumed to occur.

Energy Use - adjustment based on NORESCO study, see assumptions file

Water And Wastewater - Assumes that students are already generating water/wastewater use at their current facilties (no net increase in total water use)

Solid Waste - Assumes that students are already generating solid waste at their current facilties (no net increase in solid waste disposal)

Construction Off-road Equipment Mitigation -

Water Mitigation -

Area Coating - SCAQMD Rule 1113

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	T24E	3.92	3.50
tblEnergyUse	T24E	1.74	1.55
tblEnergyUse	T24NG	9.32	9.23
tblLandUse	LandUseSquareFeet	83,700.00	83,699.00
tblLandUse	LandUseSquareFeet	37,350.00	37,354.00
tblLandUse	LandUseSquareFeet	5,390.00	5,392.00
tblLandUse	LotAcreage	1.92	0.00
tblLandUse	LotAcreage	0.15	0.00
tblSolidWaste	SolidWasteGenerationRate	108.81	0.00
tblVehicleTrips	WD_TR	13.78	0.00
tblWater	IndoorWaterUseRate	1,725,978.07	0.00
tblWater	OutdoorWaterUseRate	4,438,229.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Energy	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.8115**	**0.2319**	**0.2082**	**1.3900e-003**	**0.0000**	**0.0177**	**0.0177**	**0.0000**	**0.0177**	**0.0177**		**278.1715**	**278.1715**	**5.4100e-003**	**5.1000e-003**	**279.8262**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Energy	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.8115**	**0.2319**	**0.2082**	**1.3900e-003**	**0.0000**	**0.0177**	**0.0177**	**0.0000**	**0.0177**	**0.0177**		**278.1715**	**278.1715**	**5.4100e-003**	**5.1000e-003**	**279.8262**

	ROG	**NOx**	**CO**	**SO2**	**Fugitive PM10**	**Exhaust PM10**	**PM10 Total**	**Fugitive PM2.5**	**Exhaust PM2.5**	**PM2.5 Total**	**Bio- CO2**	**NBio-CO2**	**Total CO2**	**CH4**	**N20**	**CO2e**
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Junior High School	16.60	8.40	6.90	72.80	22.20	5.00	63	25	12
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Junior High School	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Other Asphalt Surfaces	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Other Non-Asphalt Surfaces	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
NaturalGas Unmitigated	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	2364.21	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0255**	**0.2318**	**0.1947**	**1.3900e-003**		**0.0176**	**0.0176**		**0.0176**	**0.0176**		**278.1424**	**278.1424**	**5.3300e-003**	**5.1000e-003**	**279.7952**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	2.36421	0.0255	0.2318	0.1947	1.3900e-003		0.0176	0.0176		0.0176	0.0176		278.1424	278.1424	5.3300e-003	5.1000e-003	279.7952
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0255**	**0.2318**	**0.1947**	**1.3900e-003**		**0.0176**	**0.0176**		**0.0176**	**0.0176**		**278.1424**	**278.1424**	**5.3300e-003**	**5.1000e-003**	**279.7952**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Unmitigated	1.7860	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2500e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Total	**1.7860**	**1.2000e-004**	**0.0135**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0291**	**0.0291**	**8.0000e-005**		**0.0310**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.1100					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.6747					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.2500e-003	1.2000e-004	0.0135	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005		0.0291	0.0291	8.0000e-005		0.0310
Total	**1.7860**	**1.2000e-004**	**0.0135**	**0.0000**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**		**0.0291**	**0.0291**	**8.0000e-005**		**0.0310**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

Rise Kohyang Middle School Project - Operations

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	83.70	1000sqft	0.00	83,699.00	0
Enclosed Parking with Elevator	6.53	1000sqft	0.00	6,530.00	0
Other Asphalt Surfaces	37.35	1000sqft	0.86	37,354.00	0
Other Non-Asphalt Surfaces	5.39	1000sqft	0.12	5,392.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1227.89	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - assumes building footprint is covered under the "other asphalt surfaces land use" area

Construction Phase -

Off-road Equipment -

Trips and VMT -

Demolition -

Grading -

Architectural Coating - SCAQMD Rule 1113

Vehicle Trips - Because the student population of the school would not increase, no additional trips would be assumed to occur.

Energy Use - adjustment based on NORESCO study, see assumptions file

Water And Wastewater - Assumes that students are already generating water/wastewater use at their current facilties (no net increase in total water use)

Solid Waste - Assumes that students are already generating solid waste at their current facilties (no net increase in solid waste disposal)

Construction Off-road Equipment Mitigation -

Water Mitigation -

Area Coating - SCAQMD Rule 1113

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Nonresidential_Exterior	100	50
tblAreaCoating	Area_EF_Nonresidential_Interior	100	50
tblEnergyUse	T24E	3.92	3.50
tblEnergyUse	T24E	1.74	1.55
tblEnergyUse	T24NG	9.32	9.23
tblLandUse	LandUseSquareFeet	83,700.00	83,699.00
tblLandUse	LandUseSquareFeet	37,350.00	37,354.00
tblLandUse	LandUseSquareFeet	5,390.00	5,392.00
tblLandUse	LotAcreage	1.92	0.00
tblLandUse	LotAcreage	0.15	0.00
tblSolidWaste	SolidWasteGenerationRate	108.81	0.00
tblVehicleTrips	WD_TR	13.78	0.00
tblWater	IndoorWaterUseRate	1,725,978.07	0.00
tblWater	OutdoorWaterUseRate	4,438,229.33	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3259	2.0000e-005	1.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3000e-003	3.3000e-003	1.0000e-005	0.0000	3.5100e-003
Energy	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	332.9508	332.9508	7.6600e-003	2.2500e-003	333.8116
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.3305**	**0.0423**	**0.0372**	**2.5000e-004**	**0.0000**	**3.2200e-003**	**3.2200e-003**	**0.0000**	**3.2200e-003**	**3.2200e-003**	**0.0000**	**332.9541**	**332.9541**	**7.6700e-003**	**2.2500e-003**	**333.8151**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.3259	2.0000e-005	1.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3000e-003	3.3000e-003	1.0000e-005	0.0000	3.5100e-003
Energy	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	332.9508	332.9508	7.6600e-003	2.2500e-003	333.8116
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.3305**	**0.0423**	**0.0372**	**2.5000e-004**	**0.0000**	**3.2200e-003**	**3.2200e-003**	**0.0000**	**3.2200e-003**	**3.2200e-003**	**0.0000**	**332.9541**	**332.9541**	**7.6700e-003**	**2.2500e-003**	**333.8151**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
Junior High School	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Junior High School	16.60	8.40	6.90	72.80	22.20	5.00	63	25	12
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Junior High School	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Other Asphalt Surfaces	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841
Other Non-Asphalt Surfaces	0.544880	0.044491	0.207704	0.117752	0.014693	0.006272	0.020732	0.032141	0.002572	0.001984	0.005239	0.000700	0.000841

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	286.9012	286.9012	6.7800e-003	1.4000e-003	287.4884
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	286.9012	286.9012	6.7800e-003	1.4000e-003	287.4884
NaturalGas Mitigated	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	46.0496	46.0496	8.8000e-004	8.4000e-004	46.3232
NaturalGas Unmitigated	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	46.0496	46.0496	8.8000e-004	8.4000e-004	46.3232

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	862937	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	46.0496	46.0496	8.8000e-004	8.4000e-004	46.3232
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.6500e-003**	**0.0423**	**0.0355**	**2.5000e-004**		**3.2100e-003**	**3.2100e-003**		**3.2100e-003**	**3.2100e-003**	**0.0000**	**46.0496**	**46.0496**	**8.8000e-004**	**8.4000e-004**	**46.3232**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Junior High School	862937	4.6500e-003	0.0423	0.0355	2.5000e-004		3.2100e-003	3.2100e-003		3.2100e-003	3.2100e-003	0.0000	46.0496	46.0496	8.8000e-004	8.4000e-004	46.3232
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.6500e-003**	**0.0423**	**0.0355**	**2.5000e-004**		**3.2100e-003**	**3.2100e-003**		**3.2100e-003**	**3.2100e-003**	**0.0000**	**46.0496**	**46.0496**	**8.8000e-004**	**8.4000e-004**	**46.3232**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	35523.2	19.7851	4.7000e-004	1.0000e-004	19.8256
Junior High School	479595	267.1161	6.3100e-003	1.3100e-003	267.6628
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**286.9012**	**6.7800e-003**	**1.4100e-003**	**287.4884**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	35523.2	19.7851	4.7000e-004	1.0000e-004	19.8256
Junior High School	479595	267.1161	6.3100e-003	1.3100e-003	267.6628
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**286.9012**	**6.7800e-003**	**1.4100e-003**	**287.4884**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3259	2.0000e-005	1.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3000e-003	3.3000e-003	1.0000e-005	0.0000	3.5100e-003
Unmitigated	0.3259	2.0000e-005	1.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3000e-003	3.3000e-003	1.0000e-005	0.0000	3.5100e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0201					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3056					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3000e-003	3.3000e-003	1.0000e-005	0.0000	3.5100e-003
Total	**0.3259**	**2.0000e-005**	**1.6900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.3000e-003**	**3.3000e-003**	**1.0000e-005**	**0.0000**	**3.5100e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0201					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.3056					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.6900e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.3000e-003	3.3000e-003	1.0000e-005	0.0000	3.5100e-003
Total	**0.3259**	**2.0000e-005**	**1.6900e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**3.3000e-003**	**3.3000e-003**	**1.0000e-005**	**0.0000**	**3.5100e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Junior High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Junior High School	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Junior High School	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

LST Worksheets

Construction Localized Significance Thresholds (≤1.00 Acre Disturbed)

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)	Project site Acreage Disturbed
1	1.00	25	82	1

Source Receptor	**Central LA**		**Equipment**	**Acres/8-hr Day**		**Daily hours**	**Equipment Used**	**Acres**
Distance (meters)	25		Tractors	0.5	0.0625			0
NOx	**74**		Graders	0.5	0.0625			0
CO	**680**		Dozers	0.5	0.0625			0
PM10	**5.00**		Scrapers	1	0.125			0
PM2.5	**3.00**						**Acres**	0.00

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	74	74	82	106	168
	1	74	74	82	106	168
		74	74	82	106	168
CO	1	680	882	1259	2406	7911
	1	680	882	1259	2406	7911
		680	882	1259	2406	7911
PM10	1	5	15	33	70	179
	1	5	15	33	70	179
		5	15	33	70	179
PM2.5	1	3	5	10	24	102
	1	3	5	10	24	102
		3	5	10	24	102

Central LA

1.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	74	74	82	106	168
CO	680	882	1259	2406	7911
PM10	5	15	33	70	179
PM2.5	3	5	10	24	102

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
1	1	1	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2009 - Table C-1. 2006 – 2008

Operation Localized Significance Thresholds - Sensitive Receptor

SRA No.	Acres	Source Receptor Distance (meters)	Source Receptor Distance (Feet)
1	1.00	25	82

Source Receptor	**Central LA**
Distance (meters)	25
NOx	**74**
CO	**680**
PM10	**2.00**
PM2.5	**1.00**

	Acres	**25**	**50**	**100**	**200**	**500**
NOx	1	74	74	82	106	168
	1	74	74	82	106	168
		74	74	82	106	168
CO	1	680	882	1259	2406	7911
	1	680	882	1259	2406	7911
		680	882	1259	2406	7911
PM10	1	2	4	8	17	43
	1	2	4	8	17	43
		2	4	8	17	43
PM2.5	1	1	2	3	6	25
	1	1	2	3	6	25
		1	2	3	6	25

Central LA

1.00 Acres

	25	**50**	**100**	**200**	**500**
NOx	74	74	82	106	168
CO	680	882	1259	2406	7911
PM10	2	4	8	17	43
PM2.5	1	2	3	6	25

Acre Below		**Acre Above**	
SRA No.	Acres	SRA No.	Acres
1	1	1	1
Distance Increment Below			
25			
Distance Increment Above			
25			

Updated: 10/21/2010 - Table C-1. 2006 – 2008

Appendix B. Geotechnical Investigation Report

Appendices

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Engineering a Better Tomorrow

Geotechnical Investigation Report

Proposed Rise Kohyang Middle School
1700 West Olympic Boulevard
Los Angeles, California

Prepared for:

Bright Star Schools
600 S. La Fayette Park Place
Los Angeles, California 90057

December 10, 2020
Project No.: 200935.1

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December 10, 2020
Project No.: 200935.1

Mr. Elijah Sugay
Senior Director of Operations
Bright Star Schools
600 S. La Fayette Park Place
Los Angeles, California 90057

Subject: **Geotechnical Investigation Report**
Proposed Rise Kohyang Middle School
1700 West Olympic Boulevard
Los Angeles, California

Dear Mr. Sugay,

In accordance with your request and authorization, we are presenting the results of our geotechnical investigation for the proposed Rise Kohyang Middle School project located at 1700 West Olympic Boulevard in Los Angeles, California. The purpose of our investigation is to evaluate the subsurface and geohazard conditions at the site and to provide geotechnical engineering recommendations for the proposed improvements, including recommendations for foundations and earthwork. This report was prepared in accordance with the requirements of the 2019 California Building Code (2019 CBC), ASCE 7-16 (ASCE, 2017), and California Geological Survey (CGS) Note 48 (CGS, 2019).

Based on our findings, the proposed project is geotechnically feasible, provided that the recommendations in this report are incorporated into the design and are implemented during construction of the project.

We appreciate the opportunity to be of service on this project. Should you have any questions regarding this report or if we can be of further service, please do not hesitate to contact the undersigned.

Respectfully submitted,
TWINING, INC.

REGISTERED PROFESSIONAL ENGINEER
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1. INTRODUCTION

This report presents the results of the geotechnical investigation performed by Twining, Inc. (Twining) for the proposed Rise Kohyang Middle School project located at 1700 West Olympic Boulevard in Los Angeles, California. A description of the site and the proposed improvements is provided in the following section. The objectives of this investigation have been to characterize subsurface conditions of the site, evaluate seismic and geohazards at the site, and to provide geotechnical recommendations for design and construction of the proposed development, including recommendations for foundations and earthwork. Our investigation was performed in conformance with the 2019 California Building Code (2019 CBC), ASCE-7-16 (ASCE, 2017), and California Geological Survey (CGS) Note 48 (CGS, 2019).

2. SITE DESCRIPTION AND PROPOSED DEVELOPMENT

The site of the proposed project is located at 1700 West Olympic Boulevard in Los Angeles, California, as shown on Figure 1 – Site Location Map. The approximate site coordinates are latitude 34.0495°N and longitude 118.2759°W, on the Hollywood, California 7½-Minute Quadrangle, according to the United States Geological Survey (USGS, 2018) topographic maps. The project site is bounded by West Olympic Boulevard on the north, Beacon Avenue on the east, a 3-story apartment building on the south, and an alley and an office building on the west. The site is currently being used as a parking lot and is relatively flat with a surface elevation varying from approximately 253 to 260 feet above mean sea level (msl). Existing structures and hardscapes on the site will be demolished.

Based on information from Bright Star Schools, it is our understanding that the proposed project will consist primarily of the construction of a new four-story school building with a subterranean level to be used as parking. The floor of the subterranean level will be approximately 13 feet below the ground surface (bgs). The new building will have a footprint of approximately 21,000 square feet (SF). According to the project structural engineer, the anticipated column loads will likely range from 25 to 1,000 kilo-pounds (kips).

Associated improvements including utility trenches and pavements are anticipated. The project also includes stormwater infiltration devices.

The locations and footprints of the proposed construction are depicted on Figure 2 – Site Plan, Exploration Location, and Site Geologic Map.

3. SCOPE OF WORK

Our scope of work included review of background information, pre-field activities and field exploration, laboratory testing, geophysical evaluation, engineering analyses and report preparation. These tasks are described in the following subsections.

3.1. Literature Review

We reviewed readily available background data including proposed site improvement plans, published geologic maps, topographic maps, aerial photographs, seismic hazard zones maps and literature, and flood hazard maps relevant to the subject site. Relevant information has been incorporated into this report. In particular, we reviewed a previous geotechnical investigation report prepared in 2014 by Pacific Geotech, Inc. (PGI) for a previously proposed hotel development at the site.

The PGI investigation drilled 5 borings to depths of 20 to 40 feet below the ground surface. Two of the borings were drilled to depths of 30 and 40 feet in the footprint of the building of this project. Additionally, PGI performed two infiltration tests at the northeast and southeast corners of the site, respectively. Logs of borings and laboratory testing of the PGI investigation are presented in Appendix D.

3.2. Pre-Field Activities and Field Exploration

Before starting our exploration program, we performed a geotechnical site reconnaissance to observe the general surficial conditions at the site and to select field exploration locations. After exploration locations were delineated, Underground Service Alert was notified of the planned locations a minimum of 72 hours prior to excavation. The approximate exploration locations are shown on Figure 2 – Site Plan, Exploration Location, and Site Geologic Map.

The field exploration consisted of drilling, testing, sampling, and logging 5 exploratory borings (B-1 through B-3, PP-1 and PP-2) and percolation testing in 2 of the borings (PP-1 and PP-2). The borings were drilled on October 17 and 24, 2020. The borings were advanced to approximate depths of 8 to 63 feet below ground surface (bgs) using a CME-75 truck-mounted drill rig equipped with an 8-inch-diameter hollow stem auger (HSA). The upper 5 feet of all borings were excavated using a hand-auger to clear underground utilities.

Drive samples of the soils were obtained from the borings using a Standard Penetration Test (SPT) sampler without room for liner and a modified California split spoon sampler. The samplers were driven using a 140-pound automatic hammer falling approximately 30 inches. The blow-counts to drive the samplers were recorded, and subsurface conditions encountered in the borings were logged by a Twining field engineer under the supervision of a registered California Geotechnical Engineer. Soil samples obtained from the borings were transported to Twining‘s geotechnical engineering laboratory for examination and testing.

In-situ percolation testing was performed in borings PP-1 and PP-2, which were advanced to 8 and 25 feet bgs, respectively, to provide estimates of infiltration rate of the site soils for use in preliminary design of the stormwater infiltration system. The testing was performed according to the boring percolation test guidelines provided in the most recent Los Angeles County Department of Public Works Geotechnical and Materials Engineering Division (GMED) Policy GS 200.2 (LADPW, 2017).

Upon completion of drilling or percolation testing, the borings were backfilled using soil cuttings generated from the drilling and the surface was patched match existing conditions.

Detailed descriptions of the field exploration, soils encountered during drilling, and percolation testing are presented in Appendix A – Field Exploration.

3.3. Geophysical Evaluation

We retained the services of Atlas of San Diego, California to perform a geophysical study for the site to measure shear-wave velocity (V_S) profile and the average shear-wave velocity ($V_{S,30}$) in the top 30 meters (or approximately 100 feet) of the soil profile. The study was performed employing the refraction microtremor (ReMi) method, which uses recorded surface waves (specifically Rayleigh waves) that are contained in background noise to develop a Vs profile of the study area (Louie, 2001). The ReMi method does not require an increase of material velocity with depth; therefore, low velocity zones (velocity inversions) are detectable with ReMi. The results of the ReMi method are a one-dimensional V_S model, which represents the average condition across the length of the measurement line placed at the ground surface.

Procedures and results of the geophysical evaluation are presented in Appendix B – Geophysical Evaluation.

3.4. Geotechnical Laboratory Testing

Laboratory tests were performed on selected samples obtained from the borings to aid in the soil classification and to evaluate the engineering properties of site soils. The following tests were performed in general accordance with ASTM standards:

- In-situ moisture and density;
- #200 Wash;
- Atterberg Limits;
- Expansion Index;
- Consolidation;
- Maximum density and optimum moisture;
- Direct shear;
- R-Value; and
- Corrosivity.

Detailed laboratory test procedures and results are presented in Appendix C – Laboratory Testing.

3.5. Engineering Analyses and Report Preparation

We compiled and analyzed the data collected from our field exploration and laboratory testing. We performed engineering analyses based on our literature review and data from field exploration and laboratory testing programs. Our analyses included the following:

- Site geology, and subsurface conditions;
- Groundwater conditions;
- Geologic hazards and seismic design parameters;
- Liquefaction potential and seismic settlement;
- Soil corrosion potential;
- Soil collapse and expansion potential;
- Site preparation and earthwork;
- Project feasibility and suitability of on-site soils for foundation support;
- Foundation design parameters including bearing capacity, settlement, and lateral resistance;
- Concrete slab-on-grade support;
- Modulus of subgrade reaction for concrete slab-on-grade design;
- Temporary excavations; and
- Pavement section recommendations.

We prepared this report to present our conclusions and recommendations from this investigation.

4. GEOLOGY AND SUBSURFACE CONDITIONS

The regional geologic setting, site geology and subsurface conditions are described in this section, based on our data review and field investigation. A portion of the geologic map is reproduced as Figure

3 – Regional Geologic Map. The site geology is depicted in Figure 2 – Site Plan, Exploration Location, and Site Geologic Map. Detailed subsurface conditions are presented in Appendix A – Field Exploration.

4.1. Regional Geologic Setting

The site is located in the northern portion of the Peninsular Ranges Geomorphic province. The Peninsular Ranges province extends southeastward from the foot of the Santa Monica and San Gabriel Mountains to beyond the Mexican border and is subdivided into several structural units, such as the Los Angeles Basin, the Palos Verdes Hills, the Santa Ana Mountains, the San Gabriel Valley, the Perris and San Jacinto Mountain blocks, and the California Continental Borderland. The Peninsular Ranges province is generally characterized by northwest oriented valleys and mountain ranges bounded by major right lateral strike-slip fault zones. The San Andreas Fault zone constitutes the eastern provincial boundary; the Patton Escarpment constitutes the western provincial boundary, while the San Jacinto, Elsinore and Newport-Inglewood Fault zones are located within the center of the province. Rocks of the Peninsular Ranges are typically Cretaceous igneous and marine sedimentary and Paleozoic to Mesozoic metasedimentary rocks. Tertiary marine and non-marine sedimentary and volcanic rock along with Quaternary sediment lies unconformably on either the Cretaceous sedimentary or the older basement rock.

The Los Angeles Basin formed over 7 million years ago during transtensional tectonism between northwest and east-west trending fault systems (Wright 1991). Today, the basin is undergoing transpressional stress, bound by surrounding uplifting thrust blocks including the Whittier, Palos Verdes, and Santa Monica-Hollywood-Raymond fault systems. Internally, the basin is filled with sedimentation thousands of feet thick. Thrusting fault blocks and strike slip faults divide the basin into northwest trending valleys and ridges (Dolan, et al., 1995).

The site is located within the northern portion of the Los Angeles Basin on a broad alluvial fan gently sloping south. Structurally the fan is bound by the Santa Monica-Hollywood-Raymond fault system in the north, the Newport-Inglewood fault zone to the west and the Whittier fault zone to the east. The alluvial fan deposits derived from erosional debris transported southward from the Santa Monica Mountains. The location to the site with respect to regional geology is presented in Figure 3 – Regional Geologic Map.

4.2. Site Geology, Subsurface Conditions and Geologic Cross Sections

According to the Dibblee (1991, 2010) and California Geologic Survey (CGS, 2014) geologic maps and our site-specific field investigation, the project site is underlain by Pleistocene-aged alluvium and alluvial fan deposits (Geologic Symbol Qae) consisting of sand, silt and clay. A portion of the geologic map is reproduced as Figure 3 – Regional Geologic Map.

A generalized description of the geologic units and materials encountered in the borings drilled at the site is provided below. Detailed descriptions of the earth materials encountered in the exploratory borings are presented in Appendix A – Field Exploration. Cross sections illustrating the geologic conditions at the site are presented on Figure 4 – Geologic Cross Sections A-A' and B-B'.

4.2.1. Surficial Conditions and Artificial Fill

At the time of our investigation, the project site was paved in most areas. The pavement section consisted of 2 to 5 inches of asphaltic concrete with up to 6 inches of aggregate base material or 7 inches of Portland cement concrete. Subsurface conditions consisted of artificial fill underlain by alluvium deposits.

Artificial fill (Af) on site consisted of sandy lean clay and silty sand with some construction debris. The artificial fill was encountered in all borings and was approximately 2 to 7 feet in thickness. The fill should be considered as undocumented. Compaction testing indicates that for design a total unit weight of 127 pcf may be used.

4.2.2. Alluvial Fan Deposits

Alluvial fan deposits underly the site to the maximum depth of the exploratory borings (approximately 63 feet bgs). The native soils consisted primarily of very stiff to hard sandy lean clay and sandy silt in the upper 25 feet underlain by dense to very dense silty sand or very stiff to hard sandy lean clay and sandy silt. Laboratory direct shear testing indicates the deposits have an average total unit weight of approximately 130 pcf, a friction angle from 14 to 19 degrees, and cohesion from 1,176 to 1,440 pounds per square foot (psf).

4.3. Groundwater Conditions

During drilling, groundwater was not encountered in any of the borings. Historically high groundwater level is approximately 65 feet bgs at the site based on the Seismic Hazard Zone Report 026 of CGS for the Hollywood quadrangle (CGS, 2006).

Groundwater conditions may vary across the site due to stratigraphic and hydrologic conditions and may change over time as a consequence of seasonal and meteorological fluctuations, or of activities by humans at this and nearby sites.

5. GEOLOGIC HAZARDS AND SEISMIC DESIGN CONSIDERATIONS

The site is located in a seismically active area, as is the majority of southern California, and the potential for strong ground motion in the project area is considered high during the design life of the proposed development. The hazards associated with seismic activity in the vicinity of the site area discussed in the following sections.

5.1. Historical Seismicity

The recorded history of earthquakes prior to the seismograph is sparse and inconsistent. The oldest seismographs (or recordable earthquake devices) originated in Italy in the mid-1800s. The modern seismograph was developed in Japan in 1880. Electromagnetic seismometers (calibrated seismographs) were developed between 1928 and 1930. Townley and Allen (1939) documented earthquakes along the Pacific Coast of the U.S. between 1769 and 1928. The systematic recording of large earthquakes in California began in 1932-1933 by the U.S. Coast and Geodetic Survey (Richter, 1958). As part of our investigation, we reviewed earthquake data recorded between 1700 and 2020 by searching historical accounts and publications cataloging North American earthquake activity, and the current USGS database (USGS, 2020). A table of the most significant earthquakes with a magnitude 5 and greater within 50 kilometers or 31.1 miles is presented in Table 1. The epicentral locations of these earthquakes are shown on Figure 5 – Historical Earthquake Epicenter Map.

Table 1 – Significant Historical Seismicity

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Event No.	Event Time (UTC)	Event Place	Magnitude	Latitude	Longitude	Depth (miles)	Distance to site (miles)
1	2014-03-29T04:09:42	2km NW of Brea, CA	5.1	33.9325	-117.9158	5.1	22.2
2	2008-07-29T18:42:15	5km S of Chino Hills, CA	5.44	33.9485	-117.7663	5.44	30.0
3	1994-03-20T21:20:12	3km WNW of Panorama City, CA	5.24	34.231	-118.475	5.24	16.9
4	1994-01-29T11:20:35	6km NNE of Chatsworth, CA	5.06	34.306	-118.579	5.06	24.8
5	1994-01-19T21:11:44	10km SSW of Valencia, CA	5.07	34.378	-118.619	5.07	30.0
6	1994-01-17T23:33:30	7km NNE of Simi Valley, CA	5.58	34.326	-118.698	5.58	30.8
7	1994-01-17T12:40:36	9km N of Chatsworth, CA	5.2	34.34	-118.614	5.2	27.9
8	1994-01-17T12:31:58	1km ENE of Granada Hills, CA	5.89	34.275	-118.493	5.89	19.9
9	1994-01-17T12:30:55	1km NNW of Reseda, CA	6.7	34.213	-118.537	6.7	18.7
10	1991-06-28T14:43:54	13km NNE of Sierra Madre, CA	5.8	34.27	-117.993	5.8	22.2
11	1988-12-03T11:38:26	1km SSE of Pasadena, CA	5.02	34.151	-118.13	5.02	10.9
12	1987-10-04T10:59:38	2km WSW of Rosemead, CA	5.25	34.074	-118.098	5.25	10.3
13	1987-10-01T14:42:20	2km SSW of Rosemead, CA	5.9	34.061	-118.079	5.9	11.3
14	1979-01-01T23:14:38	13km S of Malibu Beach, CA	5.21	33.9165	-118.6871	5.21	25.3
15	1971-02-09T14:10:29	10km SSW of Agua Dulce, CA	5.3	34.416	-118.37	5.3	25.9
16	1971-02-09T14:02:45	10km SSW of Agua Dulce, CA	5.8	34.416	-118.37	5.8	25.9
17	1971-02-09T14:01:12	10km SSW of Agua Dulce, CA	5.8	34.416	-118.37	5.8	25.9
18	1971-02-09T14:00:41	10km SSW of Agua Dulce, CA	6.6	34.416	-118.37	6.6	25.9
19	1941-11-14T08:41:38	5km E of Lomita, CA	5.12	33.7906	-118.2636	5.12	17.9
20	1933-03-11T14:25:00	Greater Los Angeles area, CA	5	33.85	-118.266	5	13.8
21	1933-03-11T05:18:48	2km ENE of Westminster, CA	5.02	33.766667	-117.985	5.02	25.7
22	1930-08-31T00:40:38	Santa Monica Bay, CA	5.25	34.03	-118.643	5.25	21.1
23	1927-08-04T12:24:00	Santa Monica Bay, CA	5.3	34	-118.5	5.3	13.3
24	1893-04-04T19:40:00	Greater Los Angeles area, CA	5.4	34.3	-118.6	5.4	25.4
25	1889-08-28T02:15:00	Greater Los Angeles area, CA	5.2	34.1	-117.9	5.2	21.8
26	1855-07-11T04:15:00	Greater Los Angeles area, CA	6	34.1	-118.1	6	10.7
27	1769-07-28T00:00:00	Greater Los Angeles area, CA	6	33.9	-117.8	6	29.2

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5.2. Active Faulting and Surface Fault Rupture

The site is not located within or adjacent to an Alquist-Priolo Earthquake Fault Zone (EFZ) (CGS 2016). The boundaries of the closest Alquist-Priolo EFZs is located approximately 7.3 miles northeast of the site associated with the Whittier fault and 6.2 miles southwest of the site associated with the Newport Beach fault zone. Figure 6 shows the locations of the recognized nearby faults with respect to the site. The current general plans of the City of Los Angeles and the County of Los Angeles do not identify any additional hazardous faults in the immediate site vicinity.

For this investigation, we searched and reviewed the active or potentially active faults within 62 miles (100 kilometers) of the site from the 2008 USGS fault database. The faults within 37 miles (60 km) of the site presented in Table 2 are considered to represent the closest and most significant potential hazard to the site with respect to potential ground surface rupture and/or generate strong ground motion in the event of a moderately sized or larger earthquake. Based on our review of geologic and seismologic literature and our site evaluation, it is our opinion that the likelihood of surface fault rupture at the site during the life of the proposed improvements is remote.

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Table 2 – Nearest Known Active Faults

Distance (km)	Name	Slip Rate (mm/yr)	Dip (deg)	Dip Direction	Slip Sense	Rupture Top (km)	Rupture Bottom (km)	Length (km)
3.96	Elysian Park (Upper)	1.3	50	NE	reverse	3	15	20
4.62	Puente Hills (LA)	0.7	27	N	thrust	2.1	15	22
6.44	Santa Monica Connected alt 2	2.4	44		strike slip	0.8	11	93
7.19	Hollywood	1	70	N	strike slip	0	17	17
9.34	Raymond	1.5	79	N	strike slip	0	16	22
9.57	Newport Inglewood Connected alt 2	1.3	90	V	strike slip	0	11	208
9.91	Newport Inglewood Connected alt 1	1.3	89		strike slip	0	11	208
9.91	Newport-Inglewood, alt 1	1	88		strike slip	0	15	65
12.47	Verdugo	0.5	55	NE	reverse	0	15	29
12.81	Santa Monica Connected alt 1	2.6	51		strike slip	0	16	79
12.81	Santa Monica, alt 1	1	75	N	strike slip	0	18	14
19.58	Sierra Madre	2	53	N	reverse	0	14	57
19.58	Sierra Madre Connected	2	51		reverse	0	14	76
20.22	Puente Hills (Santa Fe Springs)	0.7	29	N	thrust	2.8	15	11
21.82	Elsinore;W	2.5	75	NE	strike slip	0	14	46
21.82	Elsinore;W+GI+T	n/a	84	NE	strike slip	0	14	124
21.82	Elsinore;W+GI	n/a	81	NE	strike slip	0	14	83
21.82	Elsinore;W+GI+T+J+CM	n/a	84	NE	strike slip	0	16	241
21.82	Elsinore;W+GI+T+J	n/a	84	NE	strike slip	0	16	199
23.2	Malibu Coast, alt 2	0.3	74	N	strike slip	0	16	38
23.2	Malibu Coast, alt 1	0.3	75	N	strike slip	0	8	38
25.29	Sierra Madre (San Fernando)	2	45	N	thrust	0	13	18
25.56	Palos Verdes Connected	3	90	V	strike slip	0	10	285
25.56	Palos Verdes	3	90	V	strike slip	0	14	99
25.79	Anacapa-Dume, alt 2	3	41	N	thrust	1.2	12	65
27.56	Puente Hills (Coyote Hills)	0.7	26	N	thrust	2.8	15	17
29.16	Clamshell-Sawpit	0.5	50	NW	reverse	0	14	16
29.77	San Gabriel	1	61	N	strike slip	0	15	71
30.38	Northridge	1.5	35	S	thrust	7.4	17	33
36.45	Santa Susana, alt 1	5	55	N	reverse	0	16	27
36.59	San Jose	0.5	74	NW	strike slip	0	15	20
39.49	Anacapa-Dume, alt 1	3	45	N	thrust	0	16	51
47.94	Holser, alt 1	0.4	58	S	reverse	0	19	20
47.99	Simi-Santa Rosa	1	60		strike slip	1	12	39
48.93	Chino, alt 2	1	65	SW	strike slip	0	14	29
48.98	Chino, alt 1	1	50	SW	strike slip	0	9	24
50.46	San Joaquin Hills	0.5	23	SW	thrust	2	13	27
51.1	Cucamonga	5	45	N	thrust	0	8	28
56.53	S. San Andreas	n/a	90	V	strike slip	0	14	263

Notes: (1) Dip directions: N=North; W=west; NE=northeast; NW=northwest; SW=southwest; V=vertical. (2) n/a = not available; (3) km = kilometers.

5.3. Liquefaction and Seismic Settlement Potential

Liquefaction is the phenomenon in which loosely deposited granular soils with silt and clay contents of less than approximately 35 percent, and non-plastic silts located below the water table undergo rapid loss of shear strength when subjected to strong earthquake-induced ground shaking. Ground shaking of sufficient duration results in the loss of grain-to-grain contact due to a rapid rise in pore water pressure and causes the soil to behave as a fluid for a short period of time.

Liquefaction is generally known to occur in loose, saturated, relatively clean, fine-grained cohesionless soils at depths shallower than approximately 50 feet. Factors to consider in the evaluation of soil liquefaction potential include groundwater conditions, soil type, grain size distribution, relative density, degree of saturation, and both the intensity and duration of ground motion. Other phenomena associated with soil liquefaction include sand boils, ground oscillation, and loss of foundation bearing capacity.

The project site is not within a zone of required investigation for liquefaction according to CGS (2006). In addition, the historical high water is 65 feet below the ground surface and site soils consist of very stiff to hard fine-grained soils and dense to very dense silty sand. It is our opinion that the potential for liquefaction at the site is negligible.

5.4. Landslides

The area of the project site is not within an area with the potential for earthquake-induced landslides. Considering the site is flat and not close to significant slopes, the potential for earthquake-induced landslides to occur at the site is considered negligible.

5.5. Flooding

According to the 100-Year and 500-Year Flood Plains map in the Safety Element of the City of Los Angeles, the site is not located within a 100- or 500-year floodplain.

5.6. Tsunamis and Seiches

Tsunamis are waves generated by massive landslides near or under sea water. Based on (https://maps.conservation.ca.gov/cgs/informationwarehouse/tsunami/) California Official Tsunami Inundation Maps, the site is not located on any State of California Tsunami Inundation Map for Emergency Planning. The potential for the site to be adversely impacted by earthquake-induced tsunamis is considered to be negligible.

Seiches are standing wave oscillations of an enclosed water body after the original driving force has dissipated. The potential for the site to be adversely impacted by earthquake-induced seiches is considered to be negligible due to the lack of any significant enclosed bodies of water located in the vicinity of the site.

5.7. Subsidence

Subsidence refers to the sudden sinking or gradual downward settling and compaction of soil and other surface material with little or no horizontal motion. It may be caused by a variety of human and natural activities, including earthquakes. Since the property is underlain by stiff to hard alluvium, it is our opinion that the potential hazard associated with subsidence at the property is very low.

5.8. Oil Fields and Soil Gas Conditions

According to the Oil Field & Oil Drilling Areas mapped in the Safety Element of the City of Los Angeles, the site is not located within major soil drilling areas or state-designated oil fields.

According to the Safety Element of the City of Los Angeles, the site is not within city-designated methane zones and methane buffer zones that require methane testing and potential methane mitigation. Evaluation of other gas conditions is out of the scope of this investigation; however, we recommend that monitoring instruments such as a photo-ionization detector (PID) and a combustible gas meter (CGM) be used during excavation for below-grade parking to monitor the potential presence of hydrocarbons and hazardous gases.

If necessary, an environmental engineer may be consulted regarding volatile organic compounds (VOCs), methane and hydrogen sulfide, and fixed and biogenic gasses (e.g., oxygen, carbon dioxide, or carbon monoxide), etc.

5.9. Deaggregated Seismic Source Parameters

We performed a seismic hazard de-aggregation analysis for the peak ground acceleration with a probability of exceedance of 2% in 50 years. The analysis used the USGS Unified Hazard Tool based on the 2014 USGS seismic source model. The results of the analysis indicate the controlling modal moment magnitude and fault distance are 7.3 Mw and 4.6 miles (7.4 km), respectively.

5.10. Site Class for Seismic Design

Results of the geophysical evaluation indicate that the shear wave velocity for the upper 100 feet of soil profiles (V_{S30}) is approximately 1,355 feet/second (413 m/s) (Appendix B). The V_{S30} value indicates a very dense soil profile, consistent with the standard penetration resistance encountered in our borings. According to Chapter 20 of ASCE 7-16, the site should be classified as Site Class C for seismic design.

5.11. Seismic Design Parameters

Our seismic design parameters have been developed in accordance with the requirements of the 2019 CBC and ASCE 7-16. Seismic design of the project may be based on parameters presented in Table 3 obtained from the mapped general procedure.

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Table 3 – Mapped Seismic Design Parameters Based on 2019 CBC and ASCE 7-16

Design Parameters	Value
Site Coordinates	34.0495°N 118.2759°W
Site Class	C
Mapped Spectral Acceleration Parameter at Period of 0.2-Second, S_s (g)	1.956
Mapped Spectral Acceleration Parameter at Period 1-Second, S_1 (g)	0.695
Site Coefficient, F_a	1.2
Site Coefficient, F_v	1.4
Adjusted MCE_R[1] Spectral Response Acceleration Parameter, S_{MS} (g)	2.347
Adjusted MCE_R[1] Spectral Response Acceleration Parameter, S_{M1} (g)	1.0
Design Spectral Response Acceleration Parameter, S_{DS} (g)	1.565
Design Spectral Response Acceleration Parameter, S_{D1} (g)	0.649
Risk Coefficient, C_{RS}	0.902
Risk Coefficient, C_{R1}	0.900
Peak Ground Acceleration, PGA_M[2] (g)	1.002
Seismic Design Category[3]	D
Long-Period Transition Period, T_L (seconds)	8
$Ts = S_{D1} / S_{DS}$	0.415

Notes: [1] Risk-Targeted Maximum Considered Earthquake.
[2] Peak Ground Acceleration adjusted for site effects.
[3] For S_1 greater than or equal to 0.75g, the Seismic Design Category is E for risk category I, II, and III structures and F for risk category IV structures.

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6. GEOTECHNICAL ENGINEERING RECOMMENDATIONS

Based on the results of our literature review and the field exploration, laboratory testing, and engineering analyses, it is our opinion that the proposed construction is feasible from a geotechnical standpoint, provided that the recommendations in this report are incorporated into the design plans and are implemented during construction.

6.1. General Considerations

Geotechnical engineering recommendations presented in this report for the proposed project are based on our understanding of the proposed development, subsurface conditions encountered during our field exploration, the results of laboratory testing on soil samples taken from the site, and our engineering analyses.

The following sections present our conclusions and recommendations pertaining to the engineering design for this project. If the design substantially changes, then our geotechnical engineering recommendations would be subject to revision based on our evaluation of the changes.

6.2. Soil Expansion and Collapse Potential

The expansion potential is low for surficial soils and moderate for soils at the building foundation level. The collapse potential of the site soil is considered low. Considering the greater depth of groundwater, the risk of soil expansion and collapse are considered low if foundations are embedded a minimum of 2 feet below the lowest adjacent grade.

6.3. Corrosive Soil Evaluation

In accordance with the County of Los Angeles (2014) criteria, corrosive soil is defined as the soil has minimum electrical resistivity less than 1,000 ohm-centimeters, or chloride concentration greater than 500 ppm, or sulfate concentration in soils greater than 2,000 ppm, or a pH less than 5.5.

The potential for the near-surface on-site materials to corrode buried steel and concrete improvements was evaluated. Laboratory testing was performed on one selected near-surface soil to evaluate pH and electrical resistivity, as well as chloride and sulfate contents. The pH and electrical resistivity tests were performed in accordance with California Test 643, and the sulfate and chloride tests were performed in accordance with California Tests 417 and 422, respectively. These laboratory test results are presented in Appendix C – Laboratory Testing. Tests results indicate the soils is not corrosive according to the County of Los Angeles (2014) criteria.

6.3.1. Reinforced Concrete

Laboratory tests indicate that the soil has less than 1,000 ppm or 0.1% of water soluble sulfate (SO_4) by weight. Based on ACI 318, concrete in contact with the site soils will have a sulfate exposure class S0. As a minimum, we recommend that Type II cement and a water-cement ratio of no greater than 0.50 be used on the project.

Test results indicate that the soil has less than 500 ppm of water soluble chlorides by weight and the potential for chloride attack of reinforcing steel in concrete structures and pipes in contact with soil is negligible. If needed, a corrosion specialist may be consulted for protection from chloride attack.

6.3.2. Buried Metal

A factor for evaluating corrosivity to buried metal is electrical resistivity. The electrical resistivity of a soil is a measure of resistance to electrical current. Corrosion of buried metal is directly proportional to the flow of electrical current from the metal into the soil. As resistivity of the soil decreases, the corrosivity generally increases. Test results indicate the site soils have minimum electrical resistivity value of 1,500 ohm-centimeters.

Correlations between resistivity and corrosion potential published by the National Association of Corrosion Engineers (NACE, 1984) indicate that the soils have a moderately corrosive potential to buried metals, and corrosion protection for metal in contact with site soils should be considered. Corrosion protection may include the use of epoxy or asphalt coatings. If needed, a corrosion specialist should be consulted regarding appropriate protection for buried metals and suitable types of piping.

6.4. Site Preparation and Earth Work

In general, earthwork should be performed in accordance with the recommendations presented in this report. Twining should be contacted for questions regarding the recommendations or guidelines presented herein.

6.4.1. Site Preparation

Site preparation should begin with the removal of utility lines, asphalt, concrete, vegetation, and other deleterious debris from areas to be graded. Tree stumps and roots should be removed to such a depth that organic material is not present. Clearing and grubbing should extend to the outside edges of the proposed excavation and fill areas. We recommend that unsuitable materials such as organic matter or oversized material be removed and disposed offsite. The debris and unsuitable material generated during clearing and grubbing should be removed from areas to be graded and disposed at a legal dump site away from the project area.

6.4.2. Temporary Excavations

Temporary excavations for the project are expected. We anticipate that unsurcharged excavations with vertical side slopes less than 4 feet high will generally be stable; however, if excavation extends to the sandy soil layers, some sloughing of cohesionless sandy materials encountered at the site should be expected.

Where space is available, temporary, un-surcharged excavation sides over 4 feet in height should be sloped no steeper than an inclination of 1H:1V (horizontal:vertical). Where sloped excavations are created, the tops of the slopes should be barricaded so that vehicles and storage loads are away from the top edge of the excavated slopes with a distance at least equal to the height of the slopes. A greater setback may be necessary when considering heavy vehicles, such as concrete trucks and cranes. Twining should be advised of such heavy vehicle loadings so that specific setback requirements can be established. If the temporary construction slopes are to be maintained during the rainy season, berms are recommended to be graded along the tops of the slopes in order to prevent runoff water from entering the excavation and eroding the slope faces.

Excavations shall not undermine the existing adjacent footings. Where space for sloped excavations is not available, slot-cut or temporary shoring may be utilized. For temporary excavations that are less than 6 feet in height adjacent to existing buildings where the excavation

extends deeper than the bottom of the existing footing, slot cuts may be utilized. The slots should be no wider than 10 feet or one half of the width of the footing, whichever is smaller. The slots should be excavated in an A-B-C sequence so that there is soil support between any two excavated slots. The excavated slots should not be left open overnight and should be backfilled on the same day it was excavated before the next set of slots are excavated.

Personnel from Twining should observe the excavations so that any necessary modifications based on variations in the encountered soil conditions can be made. All applicable safety requirements and regulations, including CalOSHA requirements, should be met. Stability of temporary excavations is the responsibility of the contractor.

6.4.3. Over-Excavation and Subgrade Preparation

The proposed building may be supported by conventional shallow foundations. The foundations can bear on engineered fill or directly on undisturbed competent native soils. Undocumented fill is estimated to be approximately 2 to 7 feet thick, based on our field exploration. Fill encountered below the bottom of the building foundations should be removed to its full depth. Excavation for the building foundations will extend deeper than 13 feet bgs, which will remove the undocumented fill.

For minor structures and slabs-on-grade that are structurally separated from the building, the excavation should extend at least 2 feet below the finished grade or at least 2 feet below the bottom of the footing of the minor structures and slabs-on-grade, whichever is greater. Excavation for pavements and hardscape should be over-excavated at least 1 foot as measured from the bottom of the pavement or hardscape section.

Laterally, excavation should extend beyond limits of the foundations of the building a minimum distance equal to the depth of over-excavation. Excavation for other improvements (e.g., concrete walkways, flatwork, pavement) should extend laterally at least 2 feet beyond the limits of the improvements.

However, if fill is not encountered below the bottom of proposed improvements, no over-excavation either vertically or laterally is necessary.

The exposed excavation and foundation bottoms should be evaluated and approved by Twining. The bottoms should be scarified to a minimum depth of 6 inches and moisture conditioned to achieve generally consistent moisture contents approximately 2 percent above the optimum moisture content. The scarified bottoms should be compacted to at least 90 percent relative compaction in accordance with the latest version of ASTM Test Method D1557 and then evaluated and approved by Twining.

The extent and depths of all removal should be evaluated by Twining's representative in the field based on the materials exposed. Should excavations expose soft or soils considered as unsuitable for use as fill by a Twining representative, additional removals may be recommended. For example, deeper removal may be required in areas where soft, saturated, or organic materials are encountered.

Fill and backfill materials should be compacted fill in accordance with Sections 6.4.4 and 6.4.5 of this report. Prior to placement of any fill, the geotechnical engineer or their representative should review the bottom of the excavation for conformance with the recommendations of this report.

6.4.4. Materials for Fill

In general, on-site soils expected to be excavated consist of silty sand and sandy lean clay and are considered as suitable for use as fill. All fill soils should be free of organics, debris, rocks or lumps over three inches in largest dimension, other deleterious material, and not more than 40 percent larger than ¾ inch. Larger chunks, if generated during excavation, may be broken into acceptably sized pieces or may be disposed offsite.

Any imported fill material should consist of granular soil having a "very low" expansion potential (i.e., expansion index of 20 or less). Import material should also have low corrosion potential (that is, chloride content less than 500 parts per million [ppm], soluble sulfate content of less than 0.1 percent, and pH of 5.5 or higher).

All fill soils should be evaluated and approved by a Twining representative prior to importing or filling.

6.4.5. Compacted Fill

Unless otherwise recommended, the exposed excavation bottom to receive fill should be prepared in accordance with Section 6.4.3 of this report. Prior to placement of compacted fill, the contractor should request Twining to evaluate the exposed excavation bottoms.

Compacted fill should be placed in horizontal lifts of approximately 8 to 10 inches in loose thickness, depending on the equipment used. Prior to compaction, each lift should be moisture conditioned, mixed, and then compacted by mechanical methods. The moisture content should be approximately 2 percent above the optimum moisture content. Fill materials should be compacted to a minimum relative compaction of 95 percent within the upper one foot below new vehicle trafficked pavement sections, and 90 percent in all other areas, unless indicated otherwise. The relative compaction should be determined by ASTM D1557. Successive lifts should be treated in the same manner until the desired finished grades are achieved.

6.4.6. Excavation Bottom Stability

In general, we anticipate that bottoms of the excavations will be stable and should provide suitable support for the proposed improvements. Conditions of the excavation bottom should be evaluated by Twining during the scarification and re-compaction efforts. If unstable bottom conditions are encountered, remedial measures would be required to stabilize the bottom. Soft bottom conditions can be identified by surface yielding under rubber-tired equipment loading and the inability to achieve proper compaction.

Unstable bottom conditions may be mitigated by over-excavation of the bottom to suitable depths, and/or replacement with a minimum 1-foot-thick aggregate base underlain by geogrid (Tensar TX7 or equivalent).

Recommendations for stabilizing excavation bottoms should be based on evaluation in the field by the geotechnical consultant at the time of construction.

6.4.7. Utility Lines and Backfill for Utility Trench

Utility lines should not be located below any footings or the 1:1 plane drawn down from the closest bottom edge of any footings; otherwise, the utility lines should be encased. The

encasement should have a minimum clearance of one inch all-around between the protected utility lines and the casing pipe. The casing pipe should be sealed at both ends.

Utility trench excavations to receive backfill shall be free of trash, debris or other unsatisfactory materials at the time of backfill placement.

At locations where the trench bottom is yielding or otherwise unstable, pipe support may be improved by placing 12 inches of ¾-inch crushed rock as defined in Section 200-1.2 of the "Greenbook" Standard Specifications for Public Works Construction. Remedial earthwork at the trench bottom should be performed where oversize materials (rocks or clods greater than 3 inches) are present. Removal of oversize materials to a depth of 6 inches below the bottom of the pipeline and replacement with fill compacted to at least 90% relative compaction is recommended. Alternatively, ¾-inch crushed rock may be used.

The trench should be bedded with clean sand extending to at least one foot over the top of pipe. Pipe bedding as specified in SSPWC can be used. Bedding material should consist of clean sand having a sand equivalent (SE) of 30 or greater. Alternative materials meeting the intent of the bedding specifications are also acceptable. Samples of materials proposed for use as bedding should be provided to the engineer for inspection and testing before the material is imported for use on the project. The onsite materials can only be used following the requirement of "Greenbook" bedding specification when the SE is not less than 30. The pipe bedding material should be placed over the full width of the trench. After placement of the pipe, the bedding should be brought up uniformly on both sides of the pipe to reduce the potential for unbalanced loads. No void or uncompacted areas should be left beneath the pipe haunches.

Above pipe bedding, trench backfill may be onsite soils and should not contain rocks or lumps over 3 inches in largest dimension. Larger chunks, if generated during excavation, may be broken into acceptably sized pieces or may be disposed offsite. The moisture content should be approximately 2 percent above the optimum moisture content.

Backfill may be placed and compacted by mechanical means and should be compacted to 90 percent of the laboratory maximum dry density as per ASTM Standard D1557. Where pavement is planned, the top 12 inches of subgrade soils and the overlying aggregate base should be compacted to 95 percent.

Jetting or flooding of pipe bedding and backfill material is not recommended.

6.4.8. Rippability

The earth materials underlying the site should be generally excavatable with heavy-duty earthwork equipment in good working condition. Some gravels, cobbles and man-made debris should be anticipated.

6.4.9. Construction Dewatering

As discussed earlier, groundwater was not encountered during our field exploration and the historic high groundwater is deeper than 65 feet. Construction of the project is anticipated to occur above the groundwater. The possibility to encounter groundwater is low during earthwork and foundation preparation for the proposed structures, and the need for dewatering is not anticipated for construction of foundations and utility trenches.

If needed, considerations for construction dewatering should include anticipated drawdown, volume of pumping, potential for settlement of nearby structures, and groundwater discharge. Disposal of groundwater should be performed in accordance with guidelines of the Regional Water Quality Control Board.

6.4.10. Soil Export

In case the project generates excess soil in need of export from the site, evaluating the environmental quality of soil to be exported should be considered to protect the liability of both the sending and receiving parties. Environmental quality of the export soils could significantly affect soil export costs. Considering the potential liability, it is generally good practice to sample the soil that is planned for export regardless of the findings of a Phase I Environmental Site Assessment (ESA) and/or Preliminary Assessment (PA). Due diligence and project planning are key to managing costs associated with the export of soil. A qualified environmental professional should be consulted to assist with these efforts since each site is unique.

6.5. Foundation Recommendations for the Building

Based upon the excavation/over-excavation and backfill recommendations, the proposed building may be supported on continuous strip footings or isolated footings designed in accordance with the geotechnical recommendations presented below. Structural design of foundations should be performed by the structural engineer and should conform to the 2019 California Building Code.

6.5.1. Bearing Capacity and Settlement

Proposed new footings for the building should be placed on the subgrade prepared in accordance the requirements for the building pad as described in Section 6.4. It is assumed that the anticipated column load will not exceed 1,000 kips (dead + live loads) and wall load will not exceed 50 kips per foot. Geotechnical parameters presented in Table 4 may be used in the footing design. The difference between the unit weight of the concrete and that of the surrounding soil may be taken as the unit weight of the concrete used in the foundation minus 130 pcf. Twining should be contacted for footing dimensions, allowable bearing pressures, and settlements that are outside the indicated applicable ranges.

6.5.2. Lateral Resistance

Lateral loads may be resisted by footing base friction and by the passive resistance of the soils based on recommendations provided in Table 4. The total lateral resistance can be taken as the sum of the friction at the base of the footing and passive resistance. The upper one foot of soil should be neglected when calculating the passive resistance.

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Table 4 - Geotechnical Design Parameters for Shallow Foundations

Minimum Footing Dimensions	• Continuous footing: 24 inches in width • Square footing: 36 inches in width. • Minimum embedment: 24 inches measured from the lowest adjacent grade to the bottom of the footing. • Minimum thickness: 8 inches
Net Allowable Bearing Pressure	• A net allowable bearing pressure of 3,400 pounds per square foot (psf) may be used. The allowable may be increased by 200 psf for each additional foot of width and 450 psf for each additional foot of embedment, up to a maximum net allowable of 5,000 psf. • The allowable bearing values may be increased by one-third for transient loads from wind or earthquake.
Estimated Static Settlement	• Approximately one inch of total settlement with differential settlement estimated to be on the order of ½ inches over 40 feet.
Allowable Coefficient of Friction Below Footings	• 0.35. • No increase is allowed for transient loading conditions.
Allowable Lateral Passive Resistance	• 350 pcf equivalent fluid pressure, up to a maximum of 3,500 psf. • The upper one foot of soil should be neglected when calculating the passive resistance. • The passive resistance value may be increased by one-third for transient loads from wind or earthquake.

6.6. Foundation Recommendations for Minor Structures

Proposed minor structures structurally separated from the building (e.g., stairs, ramps, equipment pads) may be supported on continuous strip footings or isolated footings designed in accordance with the geotechnical recommendations presented below. Structural design of foundations should be performed by the structural engineer and should conform to the 2019 California Building Code.

6.6.1. Bearing Capacity and Settlement

Proposed minor structures should be placed on the subgrade prepared in accordance the requirements as described in Section 6.4. Geotechnical parameters presented in Table 5 may be used in the footing design. The difference between the unit weight of the concrete and that of the surrounding soil may be taken as the unit weight of the concrete used in the foundation minus 130 pcf.

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6.6.2. Lateral Resistance

Lateral loads may be resisted by footing base friction and by the passive resistance of the soils based on recommendations provided in Table 5. The total lateral resistance can be taken as the sum of the friction at the base of the footing and passive resistance.

Table 5 - Geotechnical Design Parameters for Shallow Foundations for Minor Structures

Minimum Footing Dimensions	• Width: 12 inches. • Minimum embedment: 12 inches measured from the lowest adjacent grade to the bottom of the footing. • Minimum thickness: 6 inches
Net Allowable Bearing Pressure	• A net allowable bearing pressure of 2,000 psf may be used. • The allowable bearing values may be increased by one-third for transient loads from wind or earthquake.
Estimated Static Settlement	• Approximately one inch of total settlement with differential settlement estimated to be on the order of ½ inches over 30 feet.
Allowable Coefficient of Friction Below Footings	• 0.30. • No increase is allowed for transient loading conditions.
Allowable Lateral Passive Resistance	• 300 pcf (equivalent fluid pressure), up to 3,000 psf. • The upper one foot of soil should be neglected when calculating the passive resistance. • The allowable passive resistance value may be increased by one-third for transient loads such as wind or earthquake loads.

6.7. Modulus of Subgrade Reaction

The modulus of subgrade reaction k for combined footing design and slabs-on-grade may be obtained from the following equation.

$$k = k_1 \left(\frac{2L + B}{3L} \right)$$

where: k_1 = modulus for a 1-foot by 1-foot plate = 150 pounds per cubic inch (pci);
B = width of combined footing or slab in feet; and
L = length of combined footing or slab in feet.

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6.8. Pole Foundations

Pole foundations for flagpoles, fences, and sign posts may be designed using an allowable skin friction of 750 psf and a net allowable end bearing resistance of 2,000 psf. Lateral resistance for conditions with and without lateral constraint provided at the ground surface conditions are provided below based on 2019 CBC.

6.8.1. Non-Constrained Ground

The embedment of pole foundations where no lateral constraint is provided at or above the ground surface should be calculated using Equation 18-1 of 2019 CBC (shown below) or a minimum 3 feet below the ground surface, whichever is deeper.

$$d = \frac{A}{2}\left(1 + \sqrt{1 + \frac{4.36h}{A}}\right) \qquad \text{(Equation 18-1 of 2019 CBC)}$$

where:

- A = 2.34P/($S_1 * b$)
- b = Diameter of round post or footing or diagonal dimension of square post or footing, feet
- d = Depth of embedment in earth in feet but not over 12 feet for purpose of computing lateral pressure.
- h = Distance in feet from ground surface to point of application of "P".
- P = Applied lateral force in pounds.
- S_1 = Allowable lateral soil-bearing pressure based on a depth of one-third the depth of embedment in pounds per square foot.

An allowable passive earth pressure of 350 pcf up to a maximum of 2,000 psf may be used for design provided the upper one foot of passive resistance is neglected in the structural design.

6.8.2. Constrained Ground

The embedment of pole foundations where lateral constraint is provided at the ground surface, such as by a rigid floor or pavement, should be calculated using Equation 18-2 of 2019 CBC (shown below) or a minimum 3 feet below the ground surface, whichever is deeper.

$$d = \sqrt{\frac{4.24Ph}{S_3 b}} \qquad \text{(Equation 18-2 of 2019 CBC)}$$

where:

- b = Diameter of round post or footing or diagonal dimension of square post or footing, feet
- d = Depth of embedment in earth in feet but not over 12 feet for purpose of computing lateral pressure.
- h = Distance in feet from ground surface to point of application of "P".
- P = Applied lateral force in pounds.
- S_3 = Allowable lateral soil-bearing pressure based on a depth of one-third the depth of embedment in pounds per square foot.

An allowable passive earth pressure of 350 pcf up to a maximum of 2,000 psf may be used for design provided the upper one foot of passive resistance is neglected in the structural design.

6.9. Below-Grade Walls

For walls below grade, recommendations for wall lateral loads, backfill, and drainage are provided below. Foundation excavation, bearing capacity and lateral resistance for below-grade walls may be based on recommendations for the building provided in Sections 6.4 and 6.5 of this report. Below-grade walls should be designed to have a factor of safety of 1.5 for static stability and 1.1 for stability due to transient loads from wind or seismic.

6.9.1. Backfill and Drainage of Walls

The backfill material behind walls should consist of granular non-expansive material and be approved by the project geotechnical engineer. Based on the soil materials encountered during our exploration, most on-site soils will meet this requirement.

Wall backfill should be adequately drained. Adequate backfill drainage is essential to provide a free-drained backfill condition and to limit hydrostatic buildup behind walls. Drainage behind walls may be provided by a geosynthetic drainage composite such as TerraDrain, MiraDrain, or equivalent, attached to the outside perimeter of the wall and installed in accordance with the manufacturer's recommendations. The drainage system should meet the minimum requirements of Sections 1805.4.2 and 1805.4.3 of 2019 CBC.

In addition, walls sensitive to moisture buildup on the interior sides due to water migration from soils touching the walls should have appropriate waterproofing applied for the full height of the walls and meeting the minimum requirements of Section 1805.3 of 2019 CBC.

6.9.2. Lateral Earth Pressure

The values presented below assume that the supported grade is level, and Twining should be contacted for sloping backfill conditions. The recommended design lateral earth pressure is calculated assuming that a drainage system will be installed behind retaining walls in accordance with Sections 1805.4.2 and 1805.4.3 of 2019 CBC and that external hydrostatic pressure will not develop behind the walls. Where wall backfill does not have adequate drainage, the full hydrostatic pressure should be added to the lateral earth pressures provided below in design.

Walls that are free to move and rotate at the top (such as cantilevered walls) and have adequate drainage may be designed for the active earth pressure equivalent to a fluid weighting 30 pcf.

Walls that are restricted to move horizontally at the top (such as by a floor deck) and have adequate drainage may be designed for the "at-rest" earth pressure equivalent to a fluid weighing 75 pcf.

Vertical surcharge loads within a 1:1 plane projected from the bottom of the wall distributed over retained soils should be considered as additional uniform horizontal pressures acting on the wall. These additional pressures can be estimated as approximately 41% and 58% of the magnitude of the vertical surcharge pressures for the "active" and "at-rest" conditions, respectively.

6.9.3. Seismic Lateral Earth Pressure

Walls retaining more than 6 feet high earth should be designed for seismic lateral earth pressure. The seismic pressure distribution may be considered a triangle with the maximum pressure at the bottom. We estimated the seismic earth pressure increment for walls retaining level ground

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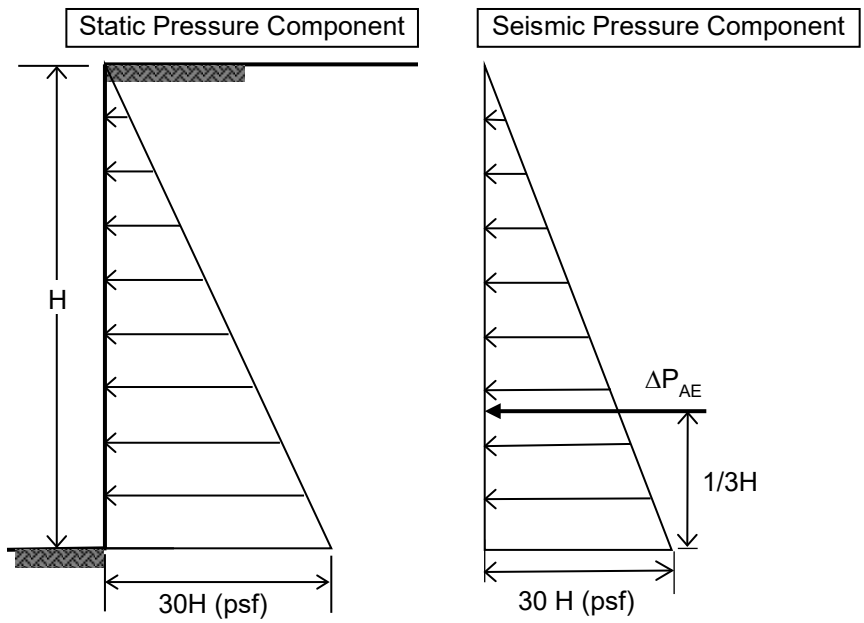
based on Seed and Whitman (1970) and a horizontal seismic coefficient (k_h) equivalent to one-half of two-thirds of PGA_M provided in Table 3. The following combination of static and incremental seismic pressures shown in the following diagram may be used for seismic design for both cantilever and restrained walls.



where H is in feet

Diagram 1 - Seismic Earth Pressure Distribution on Walls

6.10. Surcharge from Adjacent Footings

Design of new footings or evaluation of existing footings should consider vertical surcharge from adjacent footings that are located above the 1:1 plane drawn up from the closest bottom edge of the footing being designed or evaluated. Surcharge located below the 1:1 plane may be ignored.

6.11. Permanent Slopes

Permanent slopes, if proposed at the site, may be constructed with a maximum gradient of 2:1 (horizontal:vertical) and a height up to 15 feet. Faces of fill slopes should be compacted either by rolling with a sheepsfoot roller or other suitable equipment or constructed by overfilling and cutting back to design grade. Fill materials placed on sloping ground inclined steeper than 5:1 (horizontal:vertical) and the depth of fill exceeds 5 feet should be properly benched and keyed into undisturbed native in accordance with Figure J107.3 in Appendix J of the 2019 CBC. The key should not be less than 10 feet in width and 2 feet in depth. It is our opinion that cut slopes constructed no steeper than 2:1 (horizontal:vertical) and no higher than 15 feet will possess an adequate factor of safety. An engineering geologist should observe all cut slopes during grading to ascertain that no

unforeseen adverse geologic conditions are encountered that require revised recommendations. All slopes are susceptible to surficial slope failure and erosion. Water should not be allowed to flow over the top of slope. Additionally, slope face should be protected to reduce the potential for erosion. The protection may be implemented by planting with vegetation or using other engineering means.

6.12. Concrete Slabs

Slabs should be supported on non-expansive engineered fill in accordance with Section 6.4 of this report. For design of concrete slabs, the subgrade modulus k calculated from Section 6.7 may be used.

Floor slabs should be designed and reinforced in accordance with the structural engineer's recommendations. However, for slabs not supporting heavy loads, we recommend that the concrete should have a thickness of at least 4 inches, a 28-day compressive strength of at least 3,000 pounds per square inch (psi), a water-cement ratio of 0.50 or less, and a slump of 4 inches or less. Slabs should be reinforced with at least No. 3 reinforcing bars placed longitudinally at 18 inches on center. The reinforcement should extend through the control joints to reduce the potential for differential movement. Control joints should be constructed in accordance with recommendations from the structural engineer or architect. From a geotechnical standpoint, the control joint spacing should be (1) no more than 24 times the thickness of the slab if the maximum-size aggregate is less than ¾ inches; (2) no more than 30 times the thickness of the slab if the maximum-size aggregate is ¾ inches and greater; and (3) no more than 15 feet in any case. For slabs supporting equipment, a minimum thickness of 5 inches is recommended. Additional thickness and reinforcement recommendations may be provided by the structural engineer.

The topmost 8 inches below the slab subgrade should be maintained in a moisture condition of approximately 0 to 2 percent above optimum moisture content. The slab subgrade should be tested for moisture and compaction immediately prior to placement of the gravel or sand base, if any. All underslab materials should be adequately compacted prior to the placement of concrete. Care should be taken during placement of the concrete to prevent displacement of the underslab materials. The underslab material should be dry or damp and should not be saturated prior to the placement of concrete. The concrete slab should be allowed to cure properly and should be tested for moisture transmission prior to placing vinyl or other moisture-sensitive floor covering. In moisture sensitive areas, the floor slabs should be dampproofed in accordance with Section 1805A.2 of 2019 CBC. Specific recommendations can be provided by a waterproofing consultant.

Table 6 provides general recommendations for various levels of protection against vapor transmission through concrete floor slabs placed over a properly prepared subgrade. Care should be taken not to puncture the plastic membrane during placement of the membrane itself and the overlying silty sand. The recommendations are intended to reduce the potential for cracking of slabs; however, even with the incorporation of the recommendations presented herein, slabs may still exhibit some cracking. The occurrence of concrete shrinkage cracks is independent of the supporting soil characteristics.

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Table 6 - Options for Subgrade Preparation below Concrete Floor Slabs

Primary Objective	Recommendation
Enhanced protection against vapor transmission	• Concrete floor slab-on-grade placed directly on a 15-mil-thick moisture vapor retarder that meets the requirements of ASTM E1745 Class C (Stego Wrap or similar) • The moisture vapor retarder membrane should be placed directly on the subgrade (ACI302.1R-67); if required for either leveling of the subgrade or for protection of the membrane from protruding gravel, then place about 2 inches of silty sand[1] under the membrane
Above-standard protection against vapor transmission	This option is available if the slab perimeter is bordered by continuous footings at least 24 inches deep, OR if the area adjacent and extending at least 10 feet from the slab is covered by hardscape without planters: • 2 inches of dry silty sand[1]; over • Waterproofing plastic membrane 10 mils in thickness; over • At least 4 inches of ¾-inch crushed rock[2] or clean gravel[3] to act as a capillary break
Standard protection against vapor transmission	• 2 inches of dry silty sand[1]; over • Waterproofing plastic membrane 10 mils in thickness • If required for either leveling of the subgrade or for protection of the membrane from protruding gravel, place at least 2 inches of silty sand[1] under the membrane.

Notes:

[1] The silty sand should have a gradation between approximately 15 and 40 percent passing the No. 200 sieve and a plasticity index of less than 4. The on-site sandy soils appear to meet these criteria.

[2] The ¾-inch crushed rock should conform to Section 200-1.2 of the latest edition of the "Greenbook" Standard Specifications for Public Works Construction (Public Works Standards, Inc., 2012).

[3] The gravel should contain less than 10 percent of material passing the No. 4 sieve and less than 3 percent passing the No. 200 sieve.

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6.13. Temporary Shoring

If the project involves excavations that lack sufficient space for sloped excavations, cantilevered shoring or braced- or tieback shoring should be considered and designed.

For vertical excavations less than approximately 15 feet in height, cantilevered shoring may be used. Where cantilevered shoring is used for deeper excavations, the total deflection at the top of the wall tends to exceed acceptable magnitudes. Shoring of excavations deeper than approximately 15 feet should be accomplished with the aid of internal bracing or tieback earth anchors.

The shoring design should be provided by a California Registered Civil Engineer experienced in the design and construction of shoring under similar conditions. Once the final excavation and shoring plans are complete, the plans and the design should be reviewed by Twining Laboratories for conformance with the design intent and recommendations. Further, the shoring system should satisfy applicable requirements of CalOSHA.

6.13.1. Lateral Earth Pressures

For design of cantilevered shoring for excavations less than 15 feet in height, a triangular distribution of lateral earth pressure may be used. It may be assumed that the drained soils, with a level surface behind the cantilevered shoring, will exert an equivalent fluid pressure of 30 pcf.

For the design of braced- or tieback-shoring, a rectangular pressure distribution where the pressure may be used. The design pressure should be 25H psf, where H is the retained soil height in feet.

Any surcharge (live, including traffic, or dead load) located within a 1:1 plane projected upward from the base of the shored excavation, including adjacent structures, should be added to the lateral earth pressures. The lateral contribution of a uniform surcharge load located immediately behind the temporary shoring may be calculated by multiplying the vertical surcharge pressure by 41% for cantilevered shoring and 58% for braced- or tieback- shoring. Lateral load contributions of surcharges located at a distance behind the shored wall may be provided once the load configurations and layouts are known. As a minimum, a 250 psf vertical uniform surcharge is recommended to account for nominal construction and/or traffic loads. More detailed lateral pressure and loading information can be provided, if needed, for specific loading scenarios as recognized through the design process.

6.13.2. Soldier Pile Design

The soldier piles for support of shoring should be designed in accordance with the geotechnical parameters presented in Table 7. Soldier piles should be spaced no closer than 3D on center, where D is the diameter of the drilled shaft for the soldier piles. Soldier piles may consist of either cast-in-place concrete caissons or pre-drilled steel beams encased in concrete (below the bottom of the excavation) and slurry (above the bottom of the excavation).

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Table 7 - Geotechnical Design Parameters for Soldier Piles

The allowable lateral resistance of an isolated soldier pile drilled into the on-site soils can be calculated using equivalent fluid pressure (EFP)	2,500 pcf
Increase (multiplier) of the ultimate lateral passive resistance due to arching (this value is applicable for soldier piles that are spaced no closer than 3 diameters)	2

The downward component of a tieback anchor load transferred to the soldier pile may be supported by frictional resistance between the soldier piles and the retained earth, and the skin fiction of the pile shaft below finished excavation grade. The allowable frictional resistance between the soldier piles and the retained earth may be taken as 300 psf. The allowable downward capacity of a soldier pile below the excavated level may be estimated using an average allowable unit skin friction of 500 psf. These allowable unit skin friction resistance values incorporate a factor of safety of 1.5. The upper 1.5D should be neglected when calculating the axial capacity below the excavated level.

Continuous timber lagging should be used between the soldier piles. If treated timber is used, the lagging may remain in place. To develop the full lateral resistance, provisions should be taken to assure firm contact between the soldier piles and the soils; for this, we recommend that 1-½-sack sand-cement slurry infill behind the lagging be used. For drilled piles, we recommend that piles adjacent to one another be drilled alternately on different days to minimize disturbance to the open excavations.

Drilling of the soldier pile shafts can be accomplished using conventional drilling equipment. Caving should be anticipated where layers of clean sand or silty sand occurs. In the event of soil caving, it may be necessary to use casing and/or drilling mud to permit the installation of the soldier piles. Drilled holes for soldier piles should not be left open overnight. Concrete for piles should be placed immediately after the drilling of the hole and placement of the steel pile (or rebar cage) is complete. The concrete should be pumped to the bottom of the drilled shaft using a tremie. Once concrete pumping is initiated, the bottom of the tremie should remain below the surface of the concrete to prevent contamination of the concrete by soil inclusions. If steel casing is used, the casing should be removed as the concrete is placed. The concrete placed in the soldier pile excavations may be a lean mix concrete above the elevation of the bottom of the excavation. However, the concrete that is placed in the portion of the soldier pile that is below the deepest planned excavated level should have a minimum 28-day compressive strength of at least 2,500 pounds per square inch (psi). The contractor may also consider the use of driven piles or piles that are vibrated into place in lieu of drilled piles to address potential issues related to caving of drilled shafts.

6.13.3. Tieback Design

Excavations deeper than 15 feet may require tieback anchors to be used to resist lateral loads. For design purposes, it may be assumed that the failure wedge adjacent to the shoring is defined by a plane up at approximately 30 degrees from the vertical from the toe of the wall. The anchors should extend at least 15 feet beyond the potential failure wedge; however, the shoring engineer should evaluate the bonded length required beyond the failure wedge based on the loading on the shoring and the allowable skin friction provided. The bonded length should commence no less than 3 feet beyond the failure wedge.

We recommend using an allowable soil/anchor bond friction of 1,000 psf along the anchors in the bonded zone. Only friction developed beyond the active wedge should be considered when determining the tieback resistance. If the anchors are spaced at least 6 feet on center, no reduction in the capacity of the anchors need be considered due to group action.

As the tieback shoring system is intended for temporary use, provisions should be made in the design to de-tension and abandon the tiebacks when the subgrade walls are able to support the lateral loads.

6.13.4. Anchor Installation

The anchors may be installed at angles of 15 to 30 degrees below the horizontal. Caving may occur during the drilling of tiebacks if loose cohesionless materials are encountered. The contractor should implement appropriate measures to stabilize the drilled hole such as the installation of steel casing for loose cohesionless materials or the use of drilling mud. The anchors should be filled with concrete placed by pumping from the tip out. The portion of the anchor tendons within the failure wedge should be sleeved in plastic. If the anchor tendons are sleeved, it is acceptable to grout the entire length of the anchor.

6.13.5. Lagging and Sheeting

Continuous lagging will be required between the soldier piles. The soldier piles and anchors should be designed for the full anticipated lateral pressure. However, where lagging is relatively flexible to wales or soldier beams, the pressure on the lagging will be less due to arching in the soils. We recommend that the lagging be designed for a semi-circular distribution of earth pressure where the maximum pressure is 400 pounds per square foot at the mid-line between soldier piles, and 0 pounds per square foot at the soldier piles.

6.13.6. Lateral Deflection and Settlement

It is difficult to accurately predict the amount of deflection of a shoring system. It should be realized, however, that some deflection will occur. We estimate that lateral deflection at the top of the soldier piles could be on the order of one inch. If it is desired to reduce the deflection, a greater lateral pressure could be used in shoring design. If greater than anticipated deflection occurs during construction, additional bracing or tiebacks may be necessary to minimize deflection of existing adjacent improvements.

Settlement of structures or facilities founded adjacent to the shoring will occur in proportion to both the distance between the shoring and the facilities, and the amount of horizontal deflection of the shoring system. The vertical settlement will be a maximum at the shoring face and decrease as the horizontal distance from the shoring increases. Beyond a distance from the shoring equal to the height of the shoring, the settlement is expected to be negligible. The maximum vertical settlement is expected to be about 75 percent of the maximum horizontal deflection on top of the shoring system.

6.13.7. Monitoring

For excavations in close proximity to existing improvements, some means of monitoring the performance of the shoring system is recommended. Monitoring should consist of periodic surveying of lateral and vertical locations at the tops of all soldier piles. We will be pleased to discuss this further with the design consultants and the contractor when the design of the shoring system has been finalized.

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6.14. Pavement Recommendations

Pavement section should be constructed on top of properly prepared subgrade in accordance with Section 6.4 of this report and aggregate base (AB) section compacted to 95 percent of the maximum dry density in accordance with ASTM D1557.

We performed laboratory R-value testing for preliminary pavement section design. The test indicates an R value of 11, and it was used in our pavement structural calculations. Sections 6.14.1 and 6.14.2 present our recommendations for preliminary design of flexible and rigid pavement sections, respectively. Final pavement design should be based on field observations, additional R-value tests during construction should the materials exposed differ than what is expected based on our field exploration, and the anticipated traffic index as determined by the project civil engineer.

6.14.1. Flexible Pavement Design

Our flexible pavement structural design is in accordance with Chapter 630 of the Caltrans Highway Design Manual, which is based on a relationship between the gravel equivalent (GE) of the pavement structural materials, the traffic index (TI), and the R-value of the underlying subgrade soil. For preliminary design of flexible pavement section, Table 8 provides recommended minimum thicknesses for hot mix asphalt (HMA) and aggregate base sections for different traffic indices.

Table 8 – Recommended Minimum HMA and Base Section Thicknesses

Traffic Index	5.0	6.0	7.0
HMA Thickness (in)	4	5	6
Aggregate Base Thickness (in)	4	7	11

6.14.2. Rigid Pavement Design

For preliminary design of rigid pavement section, Table 9 provides recommended minimum thicknesses for Jointed Plain Concrete Pavement (JPCP) section and Class 2 Aggregate Base (AB) section for different traffic indices. The recommended values are based on a minimum 28-day concrete compressive strength of 3,500 psi. Positive drainage should be provided away from all pavement areas to prevent seepage of surface and/or subsurface water into the pavement base and/or subgrade.

Table 9 – Recommended Minimum Rigid Pavement Thicknesses

Traffic Index	5.0	6.0	7.0
JPCP Thickness (in)	4	5.5	6.6
Aggregate Base Thickness (in)	4	4	4

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6.15. Stormwater Infiltration Facility

The design of stormwater infiltration facility should be based on percolation test results with an appropriate reduction factor to account for the test method, site variability, and long-term siltation.

Infiltration rates with a reduction factor of 3 from our percolation testing performed at 8 and 25 feet bgs are summarized in Table 10. Details of the percolation tests are presented in Appendix A. Additionally, PGI (2014) performed percolation testing at 40 feet bgs at the northeast and southeast corners of the site and reported infiltration rates of 0.54 and 0.63 inches per hour. Our review of the PGI (2014) report indicates that the PGI infiltration rates did not include a reduction factor to account for the test method, site variability, and long-term siltation.

Based on the Los Angeles County's "Guidelines for Geotechnical Investigation and Reporting Low Impact Development Stormwater Infiltration", subsurface materials for stormwater infiltration should have a design infiltration rate equal to or greater than 0.3 inches per hour.

Additional testing may be required if the location or invert of the proposed system is different from that of our percolation testing for this report. We recommend that we review the proposed groundwater infiltration system prior to implementation or finalizing design. Proposed infiltration devices should have a minimum setback from property lines and foundations recommended in Table 11. In addition, the bottom of the infiltration facility should be at least 10 feet above the seasonal high groundwater. Groundwater table encountered in our borings are described in Section 4.3.

Table 10 – Infiltration Rate with a Reduction Factor of 3

Test Location	Depth of Test Borehole (feet)	Infiltration Rate (inch/hour)
PP-1	8	0.07
PP-2	25	0.24

Table 11 – Recommended Minimum Infiltration Facility Setback

Setback from	Distance
Property lines & public right of way	5 feet
Foundations	the greater of 15 feet or a 1:1 plane drawn up from the bottom of foundation
Seasonal high groundwater	10 feet minimum depth from invert of infiltration device
Face of slope	the greater of 5 feet or one half of the slope height
Water wells	100 feet

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6.16. Drainage Control

The control of surface water is essential to the satisfactory performance of the building and site improvements. Surface water should be controlled so that conditions of uniform moisture are maintained beneath the improvements, even during periods of heavy rainfall. The following recommendations are considered minimal:

- Ponding and areas of low flow gradients should be avoided.
- If bare soil within 5 feet of the structure is not avoidable, then a gradient of 5 percent or more should be provided sloping away from the improvement. Corresponding paved surfaces should be provided with a gradient of at least 1 percent.
- The remainder of the unpaved areas should be provided with a drainage gradient of at least 2 percent.
- Positive drainage devices, such as graded swales, paved ditches, and/or catch basins should be employed to accumulate and to convey water to appropriate discharge points.
- Concrete walks and flatwork should not obstruct the free flow of surface water.
- Brick flatwork should be sealed by mortar or be placed over an impermeable membrane.
- Area drains should be recessed below grade to allow free flow of water into the basin.
- Enclosed raised planters should be sealed at the bottom and provided with an ample flow gradient to a drainage device. Recessed planters and landscaped areas should be provided with area inlet and subsurface drain pipes.
- Planters should not be located adjacent to the structures wherever possible. If planters are to be located adjacent to the structures, the planters should be positively sealed, should incorporate a subdrain, and should be provided with free discharge capacity to a drainage device.
- Planting areas at grade should be provided with positive drainage. Wherever possible, the grade of exposed soil areas should be established above adjacent paved grades. Drainage devices and curbing should be provided to prevent runoff from adjacent pavement or walks into planted areas.
- Gutter and downspout systems should be provided to capture discharge from roof areas. The accumulated roof water should be conveyed to off-site disposal areas by a pipe or concrete swale system.

Landscape watering should be performed judiciously to preclude either soaking or desiccation of soils. The watering should be such that it just sustains plant growth without excessive watering. Sprinkler systems should be checked periodically to detect leakage and they should be turned off during the rainy season.

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7. DESIGN REVIEW AND CONSTRUCTION MONITORING

Geotechnical review of plans and specifications is of paramount importance in engineering practice. The poor performance of many structures has been attributed to inadequate geotechnical review of construction documents. Additionally, observation and testing of the subgrade will be important to the performance of the proposed development. The following sections present our recommendations relative to the review of construction documents and the monitoring of construction activities.

7.1. Plans and Specifications

The design plans and specifications should be reviewed by Twining, Inc. prior to bidding and construction, as the geotechnical recommendations may need to be reevaluated in the light of the actual design configuration and loads. This review is necessary to evaluate whether the recommendations contained in this report and future reports have been properly incorporated into the project plans and specifications. Based on the work already performed, this office is best qualified to provide such review.

7.2. Preconstruction Surveys

We recommend that preconstruction surveys be performed on the adjacent improvements prior to commencement of excavation activities for the subject project. The surveys should include written and photographic (or videographic) documentation of the existing conditions, as well as performance of floor level surveys or establishment of elevation monuments. Documentation of other structures and sensitive instruments within approximately 50 feet of the excavation(s) should also be performed.

7.3. Construction Monitoring

Site preparation, removal of unsuitable soils, assessment of imported fill materials, fill placement, foundation installation, and other site grading operations should be observed and tested, as appropriate. The substrata exposed during the construction may differ from that encountered in the test excavations. Continuous observation by a representative of Twining, Inc. during construction allows for evaluation of the soil conditions as they are encountered and allows the opportunity to recommend appropriate revisions where necessary.

8. LIMITATIONS

The recommendations and opinions expressed in this report are based on Twining, Inc.'s review of available background documents, on information obtained from field explorations, and on laboratory testing. It should be noted that this study did not evaluate the possible presence of hazardous materials on any portion of the site. In the event that any of our recommendations conflict with recommendations provided by other design professionals, we should be contacted to aid in resolving the discrepancy.

Due to the limited nature of our field explorations, conditions not observed and described in this report may be present on the site. Uncertainties relative to subsurface conditions can be reduced through additional subsurface exploration. Additional subsurface evaluation and laboratory testing can be performed upon request. It should be understood that conditions different from those anticipated in this report may be encountered during grading operations, for example, the extent of removal of unsuitable soil, and that additional effort may be required to mitigate them.

Site conditions, including groundwater elevation, can change with time as a result of natural processes or the activities of man at the subject site or at nearby sites. Changes to the applicable laws, regulations, codes, and standards of practice may occur as a result of government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Twining, Inc. has no control.

Twining's recommendations for this site are, to a high degree, dependent upon appropriate quality control of subgrade preparation, fill placement, and foundation construction. Accordingly, the recommendations are made contingent upon the opportunity for Twining to observe grading operations and foundation excavations for the proposed construction. If parties other than Twining are engaged to provide such services, such parties must be notified that they will be required to assume complete responsibility as the geotechnical engineer of record for the geotechnical phase of the project by concurring with the recommendations in this report and/or by providing alternative recommendations.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Twining should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document.

This report has been prepared for the exclusive use by the client and its agents for specific application to the proposed project. Land use, site conditions, or other factors may change over time, and additional work may be required with the passage of time. Based on the intended use of this report and the nature of the new project, Twining may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the Client or anyone else will release Twining from any liability resulting from the use of this report by any unauthorized party.

Twining performed its evaluation using the degree of care and skill ordinarily exercised under similar circumstances by reputable geotechnical professionals with experience in this area in similar soil conditions. No other warranty, either express or implied, is made as to the conclusions and recommendations contained in this report.

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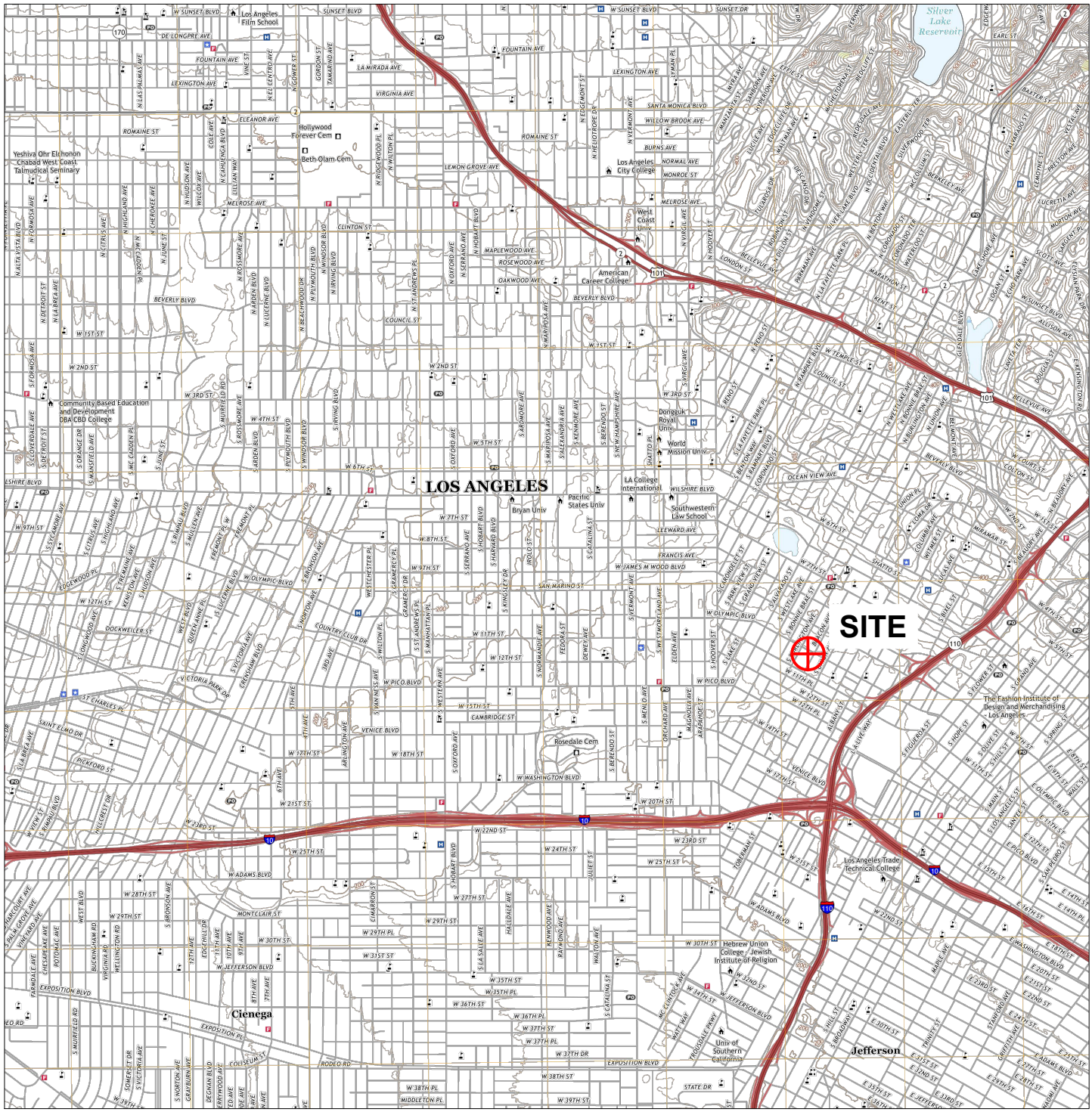
FIGURES



N

APPROXIMATE SCALE IN FEET

0 4000 8000

REFERENCE: USGS (2018)

TWINING

SITE LOCATION MAP

RISE KOHYANG MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT NO.	REPORT DATE	FIGURE 1
200935.1	November 2020	

LEGEND

0 40 80

NOTE: ALL DIMENSIONS AND LOCATIONS ARE APPROXIMATE

B-1 TD=63' — APPROXIMATE LOCATION OF BORING OR PERCOLATION TEST BY TWINING TOTAL DEPTH IN FEET

B-1 TD=40' — LOCATION OF PREVIOUS BORING BY PACIFIC GEOTECH (2014) TOTAL DEPTH IN FEET

APPROXIMATE FOOTPRINT OF PROPOSED BASEMENT

APPROXIMATE LOCATION OF GEOLOGIC CROSS-SECTION

APPROXIMATE LOCATION OF REMI LINE BY ATLAS

Af/Qa — ARTIFICIAL FILL OVER ALLUVIUM

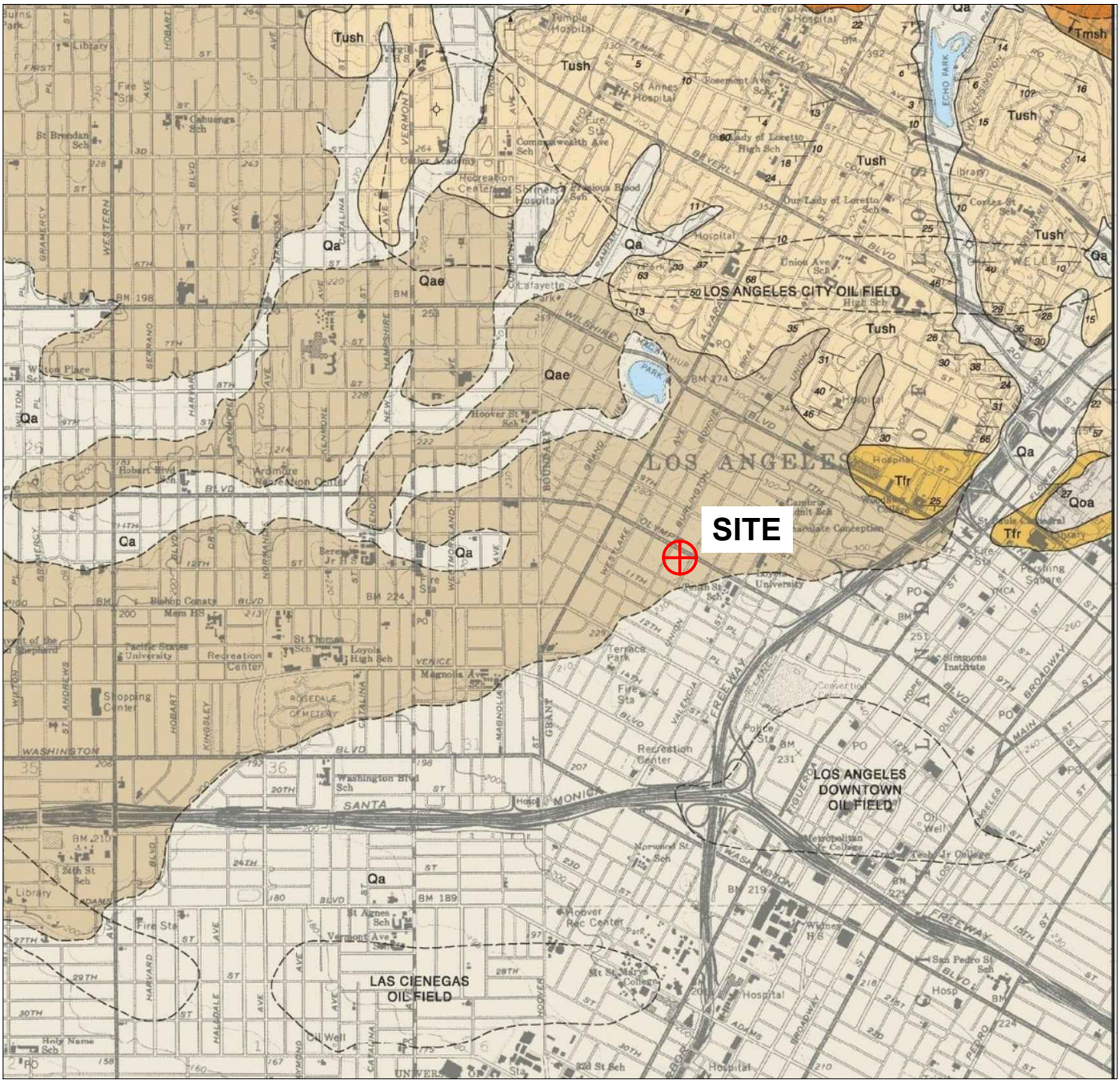
TWINING

REFERENCE: GOOGLE EARTH (2020)

SITE PLAN, EXPLORATION LOCATION, AND GEOLOGIC MAP

BRIGHT STAR MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT No.	REPORT DATE	FIGURE 2
200935.1	December 2020	



LEGEND

Qae	Alluvium (slightly elevated and dissected)
Qa	Alluvium
Tush	Puente Formation
Tfr	Fernando Formation

N

APPROXIMATE SCALE IN MILES

0 1/2 1

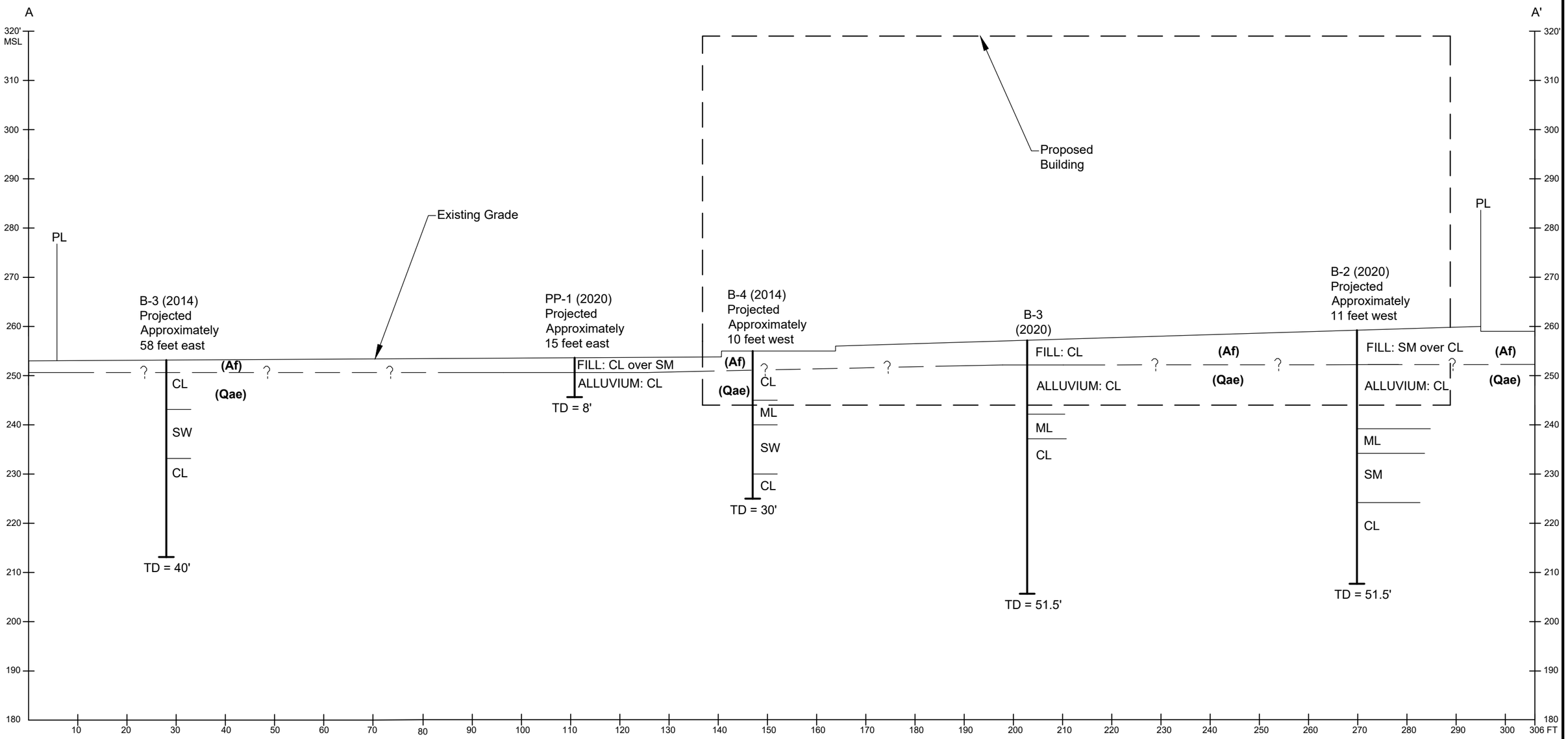
REFERENCE: DIBBLEE AND EHRENSPECK (1991)

TWINING

REGIONAL GEOLOGIC MAP

RISE KOHYANG MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT NO.	REPORT DATE	FIGURE 3
200935.1	November 2020	



LEGEND

Geologic Contact, Queried Where Uncertain

Af Fill

Qae Alluvium (slightly elevated and dissected)

B-3
Location of Boring
TD = Total Depth
TD = 51.5

Approximate Scale in Feet
0 20 40

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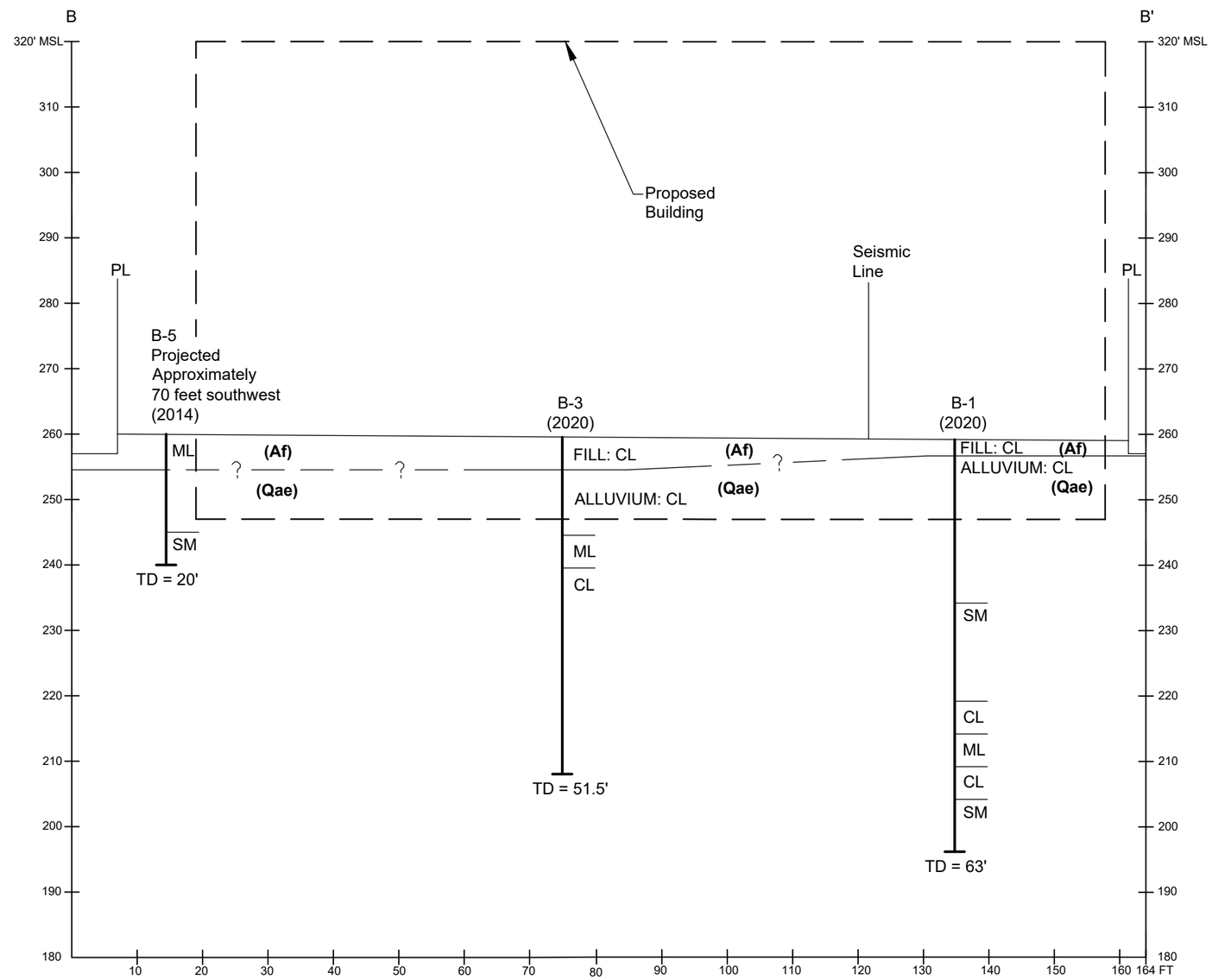
GEOLOGIC CROSS SECTION A-A'

BRIGHT STAR MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT No.	REPORT DATE	FIGURE 4A
200935.1	December 2020	



LEGEND

Geologic Contact, Queried Where Uncertain

Af — Fill

Qae — Alluvium (slightly elevated and dissected)

B-1 — Location of Boring, TD = Total Depth (TD = 63')

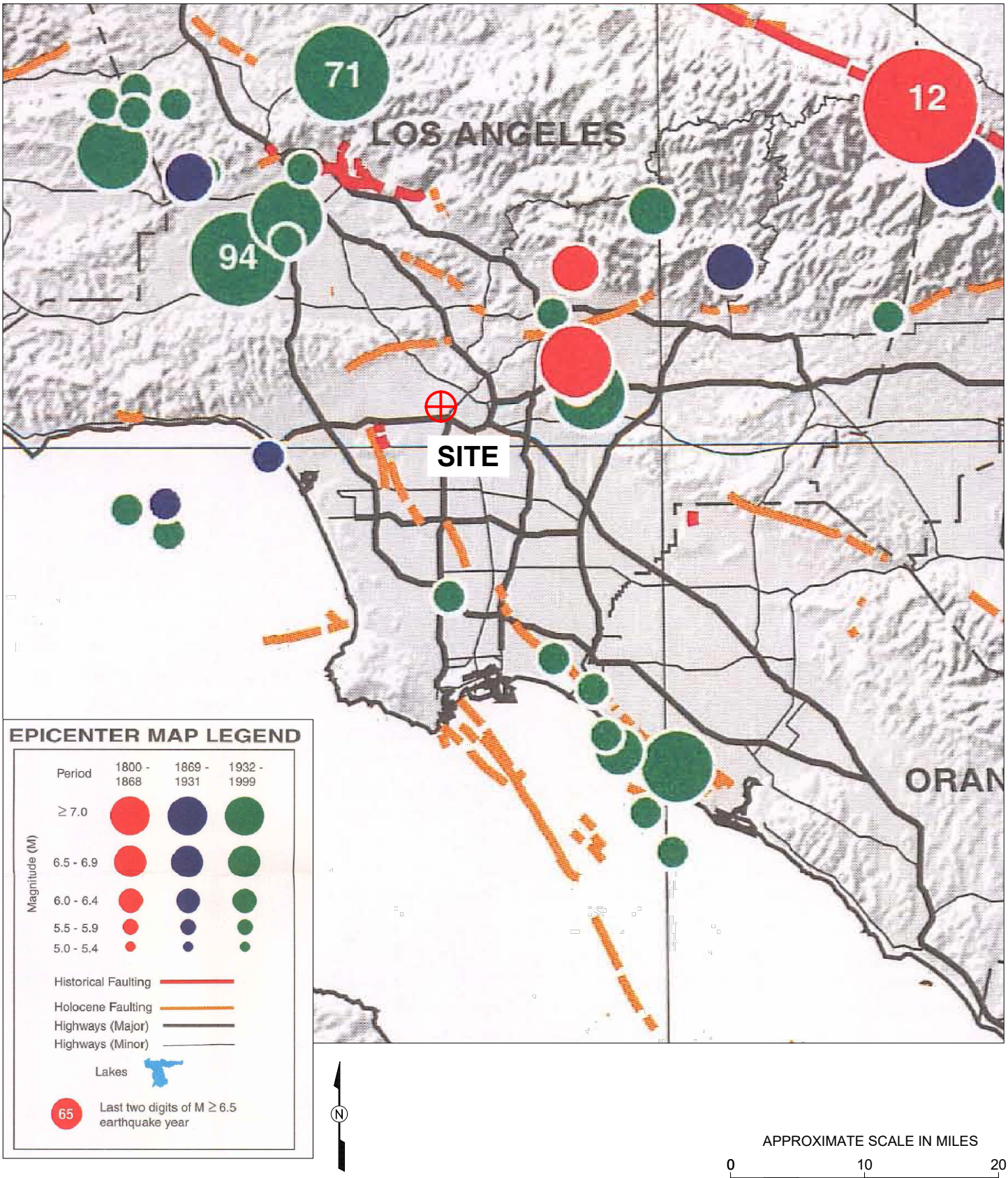
Approximate Scale in Feet: 0 – 20 – 40

TWINING

GEOLOGIC CROSS SECTION B-B'

BRIGHT STAR MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT No.	REPORT DATE	FIGURE 4B
200935.1	December 2020	



REFERENCE: CGS (2000)

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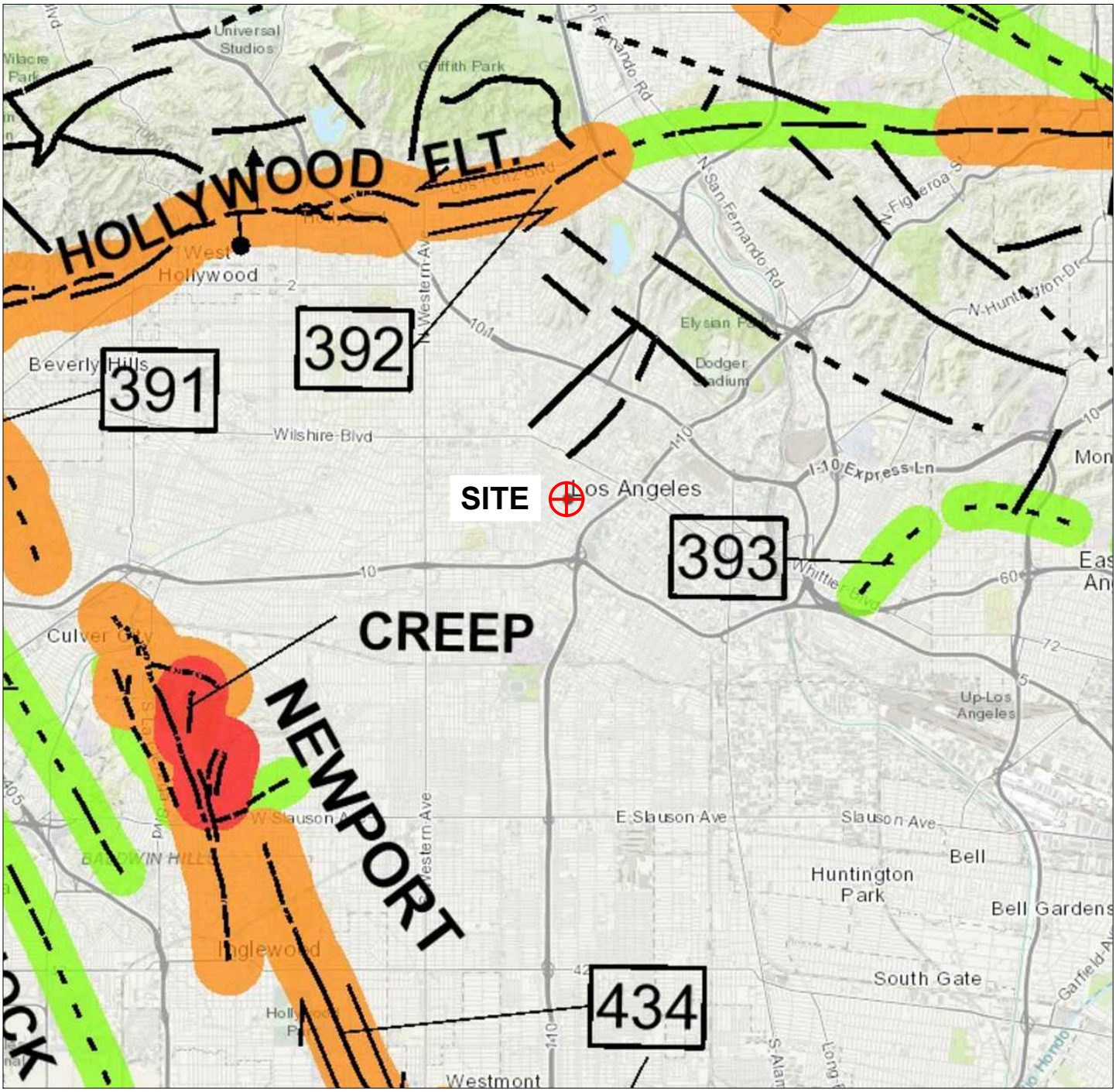
HISTORICAL EARTHQUAKE EPICENTER MAP

RISE KOHYANG MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT NO.	REPORT DATE	FIGURE 5
200935.1	November 2020	



Holocene fault displacement (during past 11,700 years) without historic record.

Late Quaternary fault displacement (during past 700,000 years).

Quaternary fault (age undifferentiated).

Pre-Quaternary fault (older that 1.6 million years) or fault without recognized Quaternary displacement.

N

APPROXIMATE SCALE IN MILES

0 2 4

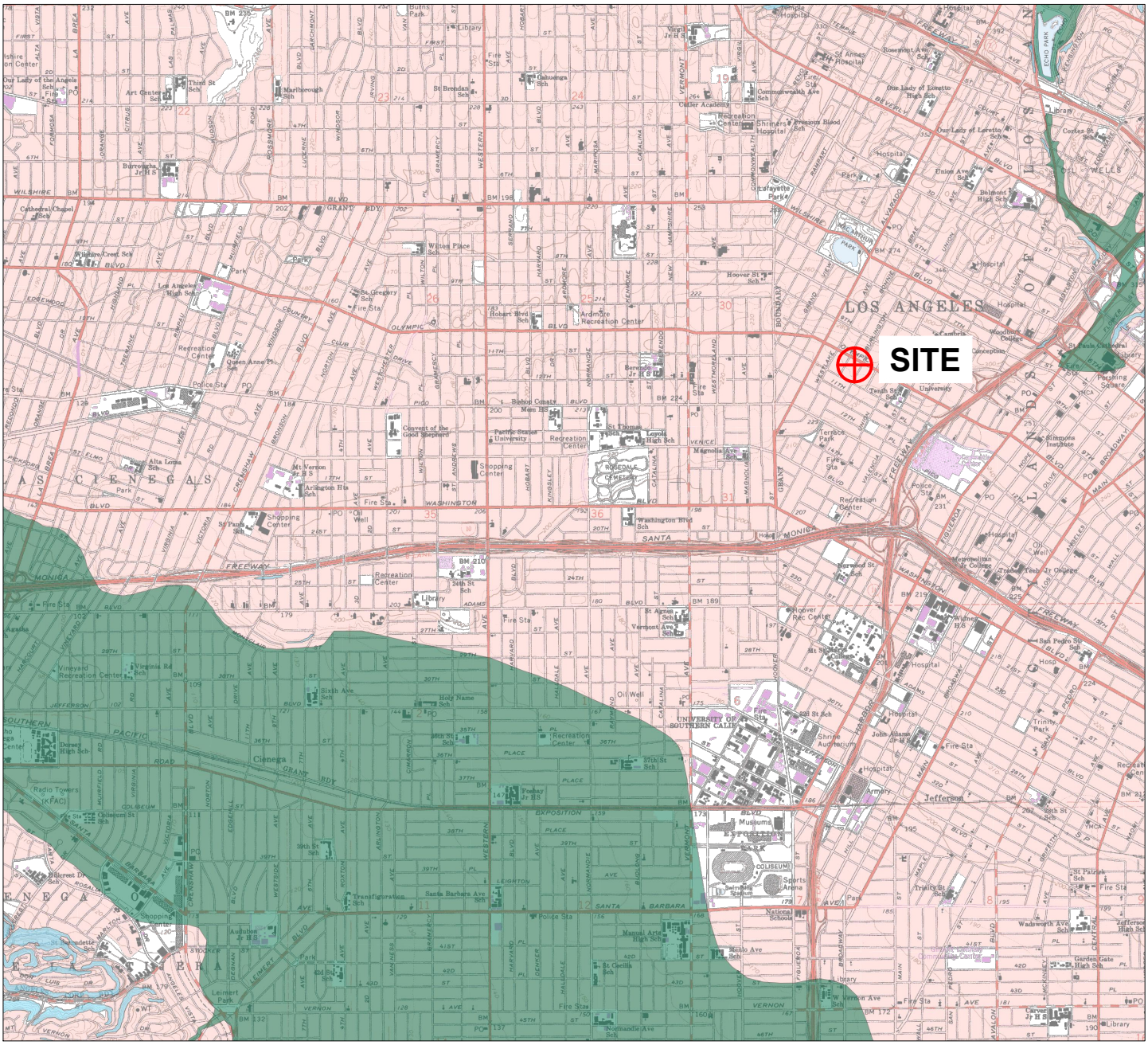
REFERENCE: CGS (2015)

TWINING

FAULT LOCATION MAP

RISE KOHYANG MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT NO.	REPORT DATE	FIGURE 6
200935.1	November 2020	



MAP EXPLANATION

EARTHQUAKE FAULT ZONES

Earthquake Fault Zones
Zone boundaries are delineated by straight-line segments; the boundaries define the zone encompassing active faults that constitute a potential hazard to structures from surface faulting or fault creep such that avoidance as described in Public Resources Code Section 2621.5(a) would be required.

Active Fault Traces
Faults considered to have been active during Holocene time and to have potential for surface rupture: Solid Line in Black or Red where Accurately Located; Long Dash in Black or Solid Line in Purple where Approximately Located; Short Dash in Black or Solid Line in Orange where Inferred; Dotted Line in Black or Solid Line in Rose where Concealed; Query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by fault creep.

SEISMIC HAZARD ZONES

Liquefaction Zones
Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

Earthquake-Induced Landslide Zones
Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.

N

APPROXIMATE SCALE IN FEET

0 4000 8000

REFERENCE: CGS (2014)

TWINING

SEISMIC HAZARD ZONES MAP

RISE KOHYANG MIDDLE SCHOOL
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA

PROJECT NO.	REPORT DATE	FIGURE 7
200935.1	November 2020	

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APPENDIX A
FIELD EXPLORATION

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Appendix A
Field Exploration

General

The field exploration consisted of drilling, testing, sampling, and logging 5 exploratory borings (B-1 through B-3, PP-1 and PP-2) and percolation testing in 2 of the borings (PP-1 and PP-2). The borings were drilled on October 17 and 24, 2020. The approximate locations of the exploration are shown on Figure 2 – Site Plan, Exploration Location, and Site Geologic Map.

Exploratory Borings

Drilling operation for the borings was performed by One Way Drilling of South Gate, California using a CME-75 truck-mounted drill rig equipped with 8-inch diameter hollow-stem-auger (HSA). The borings were advanced to approximate depths of 8 to 63 feet below ground surface (bgs). The upper 5 feet of all borings were excavated using a hand-auger to clear underground utilities.

An explanation of the boring logs is presented as Figure A-1. The boring logs are presented as Figures A-2 through A-10. The boring logs describe the earth materials encountered, samples obtained, and show the field and laboratory tests performed. The logs also show the boring number, drilling date, and the name of the logger and drilling subcontractor. The borings were logged by a Twining engineer using the Unified Soil Classification System under the supervision of a registered California Geotechnical Engineer. The boundaries between soil types shown on the logs are approximate because the transition between different soil layers may be gradual. Drive and bulk samples of representative earth materials were obtained from the borings.

Disturbed samples were obtained from select depths using a Standard Penetration Test (SPT) sampler. This sampler consists of a 2-inch O.D., 1.4-inch I.D. split barrel shaft without room for liner. Soil samples obtained by the SPT sampler were retained in plastic bags. A California modified sampler was also used to obtain drive samples of the soils from select depths. This sampler consists of a 3-inch outside diameter (O.D.), 2.4-inch inside diameter (I.D.) split barrel shaft. The samples were retained in brass rings for laboratory testing.

When the boring was drilled to a select depth, the sampler was lowered to the bottom of the boring and then driven a total of 18-inches into the soil using an automatic hammer weighing 140 pounds dropped from a height of 30 inches. The number of blows required to drive the samplers the final 12 inches is presented on the boring logs.

Upon completion of drilling or percolation testing, the borings were backfilled by the drilling subcontractors with cuttings. The surface of all locations was repaired to match existing conditions, and the paved locations were patched with Portland cement concrete dyed black to match existing conditions.

Percolation Testing

In-situ percolation testing was performed on October 17, 2020. The percolation tests were prepared by placing approximately 2 inches of gravel at the bottom of the hole. A 3-inch diameter perforated PVC pipe covered with filter fabric was then placed at the bottom of the hole and gravel was used to fill the annular space around the pipe.

After preparing the percolation test holes, the percolation was performed in accordance with the County of Los Angeles GS200.2 manual. After presoaking, the boreholes were filled with water

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and measurements were recorded at 10-minute intervals for a total of 6 or 8 readings or until percolation rates stabilized. The average drop that occurred over the last 3 readings was used to determine the percolation rate at each test location.

The average drop that occurred over the final 3 readings was used to determine the infiltration rate at each test location. Based on the County of Los Angeles GS200.2 manual, a reduction factor of 3 was applied to the measured infiltration rate. A summary of test results is presented in Table A-1 and the detailed test data is attached at the end of this appendix..

Table A-1 - Summary of Percolation Test Results with a Reduction Factor of 3

Test Location	Percolation Test Depth (feet)	Infiltration Rate (inches/hour)
PP-1	8	0.07
PP-2	25	0.24

Based on the low observed rate of infiltration in PP-1 the testing was stopped after 2 intervals of 30 minutes as it was clear the infiltration rate would not meet the minimum requirements of the County of Los Angeles.

UNIFIED SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS GRAPH	SYMBOLS LETTER	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

COARSE-GRAINED SOILS

Relative Density	SPT (blows/ft)	Relative Density (%)
Very Loose	<4	0 - 15
Loose	4 - 10	15 - 35
Medium Dense	10 - 30	35 - 65
Dense	30 - 50	65 - 85
Very Dense	>50	85 - 100

FINE-GRAINED SOILS

Consistency	SPT (blows/ft)
Very Soft	<2
Soft	2 - 4
Medium Stiff	4 - 8
Stiff	8 - 15
Very Stiff	15 - 30
Hard	>30

NOTE: SPT blow counts based on 140 lb. hammer falling 30 inches

Sample Symbol	Sample Type	Description
	SPT	1.4 in I.D., 2.0 in. O.D. driven sampler
	California Modified	2.4 in. I.D., 3.0 in. O.D. driven sampler
	Bulk	Retrieved from soil cuttings
	Thin-Walled Tube	Pitcher or Shelby Tube

LABORATORY TESTING ABBREVIATIONS

ATT	Atterberg Limits
C	Consolidation
CORR	Corrosivity Series
DS	Direct Shear
EI	Expansion Index
GS	Grain Size Distribution
K	Permeability
MAX	Moisture/Density (Modified Proctor)
O	Organic Content
RV	Resistance Value
SE	Sand Equivalent
SG	Specific Gravity
TX	Triaxial Compression
UC	Unconfined Compression

TWINING

EXPLANATION FOR LOG OF BORINGS

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE
200935.1	November 2020	A-1

STANDARD LOG EXPLANATION 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 10/27/20

DATE DRILLED	10/24/2020	LOGGED BY	DHC	**BORING NO.**	**B-1**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	259 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
									5 inches of asphalt concrete over 6 inches of base
								CL	**FILL:** Sandy lean CLAY; reddish brown; slightly moist
								CL	**ALLUVIUM:** Sandy lean CLAY; reddish brown; slightly moist
254	5			20				CL	-- same; very stiff; some coarse quartz sand
249	10			59	12.1	118.7		CL	Lean CLAY with sand; hard; yellowish brown; slightly moist
244	15			28				CL	-- same; very stiff
239	20			27/50 for 5"	7.8	126.6		CL	Sandy lean CLAY; hard; light brown; slightly moist; with some black organics
234	25			42				SM	Silty SAND; dense; light yellowish brown; with some coarse quartz sand
229	30			32/50 for 5"	8.6	124.5		SM	-- same; very dense
224	35								

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LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 2

DATE DRILLED	10/24/2020	LOGGED BY	DHC	**BORING NO.**	**B-1**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	259 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES (Bulk / Driven)	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
			43				SM SM	Silty SAND; dense; light yellowish brown; with some coarse quartz sand *(continued)* -- same; dense
219	40		59	11.3	123.1		CL	Sandy lean CLAY; hard; dark brown; slightly moist
214	45		27/50 for 4"				ML	Sandy SILT; hard; light brown; slightly moist
209	50		63	11.0	123.9		CL	Sandy lean CLAY; hard; light reddish brown; slightly moist
204	55		39/50 for 4"				SM	Silty SAND; very dense; light brown to yellowish brown; slightly moist; fine to coarse sand
199	60		40/50 for 3"	9.2	103.5		SM	-- same; very dense
			50 for 6"				SM	Hard drilling at approximately 62 feet -- same; very dense; fine to medium sand
194	65							Total Depth = 63.0 feet Backfilled on 10/24/2020 Groundwater not encountered. Backfilled with cuttings at completion. Surface patched with dyed black concrete.
189	70							

TWINING

LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 2

DATE DRILLED	10/24/2020	LOGGED BY	DHC	**BORING NO.**	**B-2**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	260 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES (Bulk / Driven)	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
							SM	**FILL:** Silty SAND; light brown; slightly moist
							CL	Sandy lean CLAY; reddish brown; slightly moist
255	5		40	7.1	126.3		CL	-- same; very stiff
							CL	**ALLUVIUM:** Sandy lean CLAY; light brown; slightly moist
250	10		24				CL	-- same; very stiff
245	15		29/50 for 6"	8.7	106.0		CL	-- same; hard; light reddish brown; slightly moist
240	20		38				ML	Sandy SILT; hard; light brown; slightly moist
235	25		22/50 for 5"	8.1	123.1		SM	Silty SAND; very dense; reddish brown; slightly moist; with some coarse quartz sand grains
230	30		30				SM	-- same; dense
225	35							

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LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 3

DATE DRILLED	10/24/2020	LOGGED BY	DHC	**BORING NO.**	**B-2**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	260 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES (Bulk / Driven)	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
			45	5.0	105.0		CL	Sandy lean CLAY; hard; light brown; slightly moist
220	40		36				CL	-- same; hard; dark brown
								Hard drilling at approximately 42 feet
215	45		33/50 for 3"	8.7	115.7		CL	-- same; hard
210	50		56				CL	-- same; hard
								Total Depth = 51.5 feet Backfilled on 10/24/2020 Groundwater not encountered. Backfilled with cuttings at completion.
205	55							
200	60							
195	65							
190	70							

TWINING

LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 3

DATE DRILLED	10/24/2020	LOGGED BY	DHC	**BORING NO.**	**B-3**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	260 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES (Bulk / Driven)	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
								7 inches of Portland cement concrete with no base
							CL	**FILL:** Sandy lean CLAY; dark brown; slightly moist; with some construction waste like brick and glass
255	5		32				CL	**ALLUVIUM:** Sandy lean CLAY; hard; dark brown; slightly moist; with some coarse grain quartz sand
250	10		58	9.4	125.8		CL	-- same; hard
245	15		20				ML	Sandy SILT; very stiff; yellowish brown; dry to slightly moist
240	20		30/50 for 3"	16.1	113.2		CL	Lean CLAY with sand; hard; yellowish to grayish brown; slightly moist
235	25		20				CL	-- same; very stiff; reddish brown with black streaks; slightly moist
230	30		28/50 for 6"	15.9	116.3		CL	Sandy lean CLAY; hard; dark brown with some gray and red; slightly moist
225	35							

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LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 4

DATE DRILLED	10/24/2020	LOGGED BY	DHC	**BORING NO.**	**B-3**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	260 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
				28				CL CL	Sandy lean CLAY; hard; dark brown with some gray and red; slightly moist *(continued)* -- same; very stiff; medium brown
220	40		X	23/50 for 5"	8.8	124.0		CL	-- same; hard; reddish brown
215	45			31/50 for 6"				CL	-- same; hard; brown with spiderweb caliche deposits
210	50		X	56	11.8	120.8		CL	-- same; hard; dark brown
205	55								Total Depth = 51.5 feet Backfilled on 10/24/2020 Groundwater not encountered. Backfilled with cuttings at completion. Surface patched with dyed black concrete.
200	60								
195	65								
190	70								

TWINING

LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 4

DATE DRILLED	10/17/2020	LOGGED BY	DHC	**BORING NO.**	**PP-1**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	256 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
									2 inches of asphalt concrete with no base
									Construction waste comprised of primarily broken bricks
								CL	**FILL:** Sandy lean CLAY; dark brown; slightly moist
								SM	Silty SAND; light brown; slightly moist; some clay
								CL	**ALLUVIUM:** Sandy lean CLAY; brown; slightly moist
251	5		X	16				CL	-- same; very stiff
246	10								Total Depth = 8.0 feet Backfilled on 10/17/2020 Groundwater not encountered. Backfilled with cuttings at completion.
241	15								
236	20								
231	25								
226	30								
221	35								

TWINING

LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 5

DATE DRILLED	10/17/2020	LOGGED BY	DHC	**BORING NO.**	**PP-2**
DRIVE WEIGHT	140 lbs.	DROP	30 inches	DEPTH TO GROUNDWATER (ft.)	N/E
DRILLING METHOD	8" HSA	DRILLER	One Way Drilling	SURFACE ELEVATION (ft.)	252 ±(MSL)

ELEVATION (feet)	DEPTH (feet)	SAMPLES (Bulk / Driven)	BLOWS / FOOT	MOISTURE (%)	DRY DENSITY (pcf)	GRAPHIC LOG	U.S.C.S. CLASSIFICATION	DESCRIPTION
							CL	2 inches of asphalt concrete with no base **FILL:** Sandy lean CLAY; light reddish brown; slightly moist
							CL	**ALLUVIUM:** Sandy lean CLAY; light reddish brown; slightly moist
247	5		12				CL	-- same; stiff
242	10		24				CL	-- same; very stiff
237	15		32				CL	-- same; hard
232	20		27				CL	-- same; very stiff
			32				SM	Silty sand; dense; light reddish brown; slightly moist
227	25							Total Depth = 25.0 feet Backfilled on 10/17/2020 Groundwater not encountered. Backfilled with cuttings at completion. Surface patched with dyed black concrete.
222	30							
217	35							

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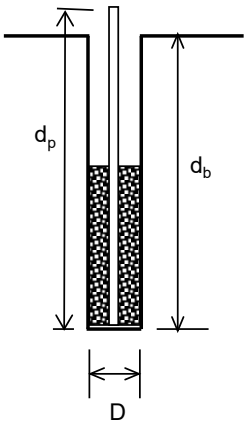
LOG OF BORING

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	
200935.1	November 2020	FIGURE A - 6

BORING PERCOLATION FIELD Log



Project No.: 200935.1
Project Name: Rise Kohyang Middle School

Boring No.: PP1
Diameter of Boring (D): 8.0 inches
Depth of Boring (d_b): 8.0 feet = 96 inches
Diameter of Perc. Pipe : 3.0 inches
Length of Pipe (d_p) : 8.0 feet = 96 inches

PRE-SOAK

Date: 10/17/2020
Start Time: 8:40 AM
Elapsed Time: 25.00 minutes
Water Remaining: Yes

REDUCTION FACTOR

Reduction Factor 3.00

PERCOLATION TEST **Test Date:** 10/17/2020 **Test Performer:** EA **Calculated by:** DHC

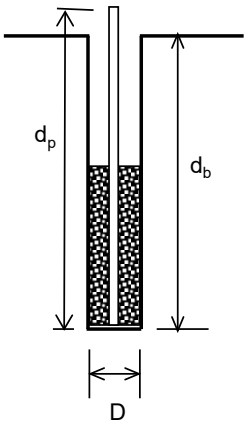
Reading Number	Initial Time T_i	Final Time T_f	Elapsed Time ΔT (min)	Initial depth to water surface dw_i (inches)	Final depth to water surface dw_f (inches)	Initial height of water column d_i (inches)	Drop of water column Δd (inches)	Water height drop rate $k_i = \Delta d / \Delta T$ (inch/hr)	Surface area factor S_f	Raw Percolation Rate $k = k_i / S_f$ (inch/hr)
1	9:10 AM	9:40 AM	30	6.0	12.0	90.0	6.0	12.00	44.5	0.27
2	9:45 AM	10:15 AM	30	6.0	10.8	90.0	4.8	9.60	44.8	0.21

Measured Percolation Rate $k_{measured}$ (inch/hr) = **0.21**

Design Infiltration rate (inch/hr) = $k_{measured}$/RF = **0.07**

Reference: Los Angeles County Guidelines For Design, Investigation, and Reporting LID Stormwater Infiltration, GS200.2, dated 06/30/17
City of Los Angeles, Board of Public Works, Development BMP Handbook, Part B Planning Activities, 5th edition

BORING PERCOLATION FIELD Log



Project No.: 200935.1
Project Name: Rise Kohyang Middle School

Boring No.: PP2
Diameter of Boring (D): 8.0 inches
Depth of Boring (d_b): 25.0 feet = 300 inches
Diameter of Perc. Pipe : 3.0 inches
Length of Pipe (d_p) : 25.0 feet = 300 inches

PRE-SOAK

Date: 10/17/2020
Start Time: 9:25 AM
Elapsed Time: 25.00 minutes
Water Remaining: No

REDUCTION FACTOR

Reduction Factor 3.00

PERCOLATION TEST **Test Date:** 10/17/2020 **Test Performer:** EA **Calculated by:** DHC

Reading Number	Initial Time T_i	Final Time T_f	Elapsed Time ΔT (min)	Initial depth to water surface dw_i (inches)	Final depth to water surface dw_f (inches)	Initial height of water column d_i (inches)	Drop of water column Δd (inches)	Water height drop rate $k_i = \Delta d / \Delta T$ (inch/hr)	Surface area factor S_f	Raw Percolation Rate $k = k_i / S_f$ (inch/hr)
1	9:55 AM	10:05 AM	10	50.4	73.2	249.6	22.8	136.80	120.1	1.14
2	10:06 AM	10:16 AM	10	40.8	61.8	259.2	21.0	126.00	125.4	1.01
3	10:17 AM	10:27 AM	10	28.8	49.2	271.2	20.4	122.40	131.5	0.93
4	10:28 AM	10:38 AM	10	16.8	38.4	283.2	21.6	129.60	137.2	0.94
5	10:39 AM	10:49 AM	10	22.8	40.8	277.2	18.0	108.00	135.1	0.80
6	10:50 AM	11:00 AM	10	26.4	42.6	273.6	16.2	97.20	133.8	0.73
7	11:02 AM	11:12 AM	10	29.4	46.2	270.6	16.8	100.80	132.1	0.76
8	11:13 AM	11:23 AM	10	33.6	48.0	266.4	14.4	86.40	130.6	0.66

Measured Percolation Rate $k_{measured}$ (inch/hr) = **0.72**

Design Infiltration rate (inch/hr) = $k_{measured}$/RF = **0.24**

Reference: Los Angeles County Guidelines For Design, Investigation, and Reporting LID Stormwater Infiltration, GS200.2, dated 06/30/17
City of Los Angeles, Board of Public Works, Development BMP Handbook, Part B Planning Activities, 5th edition

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APPENDIX B
GEOPHYSICAL EVALUATION

6280 Riverdale Street
San Diego, CA 92120
(877) 215-4321 | oneatlas.com

November 9, 2020

Atlas No. 120458SWG
Report No. 1

MR. DOUG CRAYTON
TWINING, INC.
15950 BERNARDO CENTER DRIVE, SUITE J
SAN DIEGO, CALIFORNIA 92127

Subject: Geophysical Evaluation
1700 West Olympic Boulevard
Los Angeles, California

Dear Mr. Crayton:

In accordance with your authorization, Atlas Technical Consultants has performed a geophysical evaluation pertaining to the project located at 1700 West Olympic Boulevard in Los Angeles, California (Figure 1). The purpose of our study was to develop a Shear-wave velocity profile to be used for design and construction at the study site. This letter report presents our methodology, equipment used, analysis, and findings. Our services were conducted on October 24, 2020.

Our scope of services for the project included the performance of one refraction microtremor (ReMi) sounding (RL-1) at a preselected area of the project site (Figures 2 and 3). The ReMi technique uses recorded surface waves (specifically Rayleigh waves) that are contained in background noise to develop a Shear-wave velocity profile of the study area down to a depth, in this case, of approximately 100 feet. The depth of exploration is dependent on the length of the line and the frequency content of the background noise. The results of the ReMi method are displayed as a one-dimensional sounding which represents the average condition across the length of the line. The ReMi method does not require an increase in material velocity with depth; therefore, low-velocity zones (velocity inversions) are detectable with ReMi.

Our ReMi evaluation included the use of a 24-channel Geometrics Geode seismograph and 24, 4.5-Hz vertical component geophones. For RL-1, geophones were spaced 10 feet apart for a total line length of 230 feet. Fifteen records, each 32 seconds long, were recorded and then downloaded to a computer. The data was later processed using Surface Plus 9.1 - Advanced Surface Wave Processing Software (Geogiga Technology Corp., 2020), which uses the refraction microtremor method (Louie, 2001) and other surface wave analysis methods. The program generates phase-velocity dispersion curves for each record and provides an interactive dispersion modeling tool where the users determine the best fitting model. The result is a one-dimensional shear-wave velocity model of the site with roughly 85 to 95 percent accuracy. Figure 3 depicts the general site conditions in the study area.

Figure 4 presents the results from our evaluation for RL-1. Based on our analysis of the collected data for RL-1, the average characteristic site Shear-wave velocities down to a depth of 100 feet are 1,355 feet per second (ft/s) (CBC, 2019). These values all correspond to a site classification of **C**. It should be noted the ReMi results represent the average condition across the length of each line.

The field evaluation and geophysical analyses presented in this report have been conducted in general accordance with current practice and the standard of care exercised by consultants performing similar tasks in the project area. No warranty, express or implied, is made regarding the conclusions and opinions presented in this report. There is no evaluation detailed enough to reveal every subsurface condition. Variations may exist and conditions not observed or described in this report may be present. Uncertainties relative to subsurface conditions can be reduced through additional subsurface exploration. Additional subsurface evaluating will be performed upon request.

This document is intended to be used only in its entirety. No portions of the document, by itself, is designed to completely represent any aspect of the project described herein. Atlas should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document. This report is intended exclusively for use by the client. Any use of or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

We appreciate the opportunity to be of service on this project. Should you have questions related to this report, please call us at (858) 527-0849.

Respectfully submitted,

REGISTERED PROFESSIONAL GEOPHYSICIST
PATRICK F. LEHRMANN
No. 1043
Exp. 1/31/2022
STATE OF CALIFORNIA

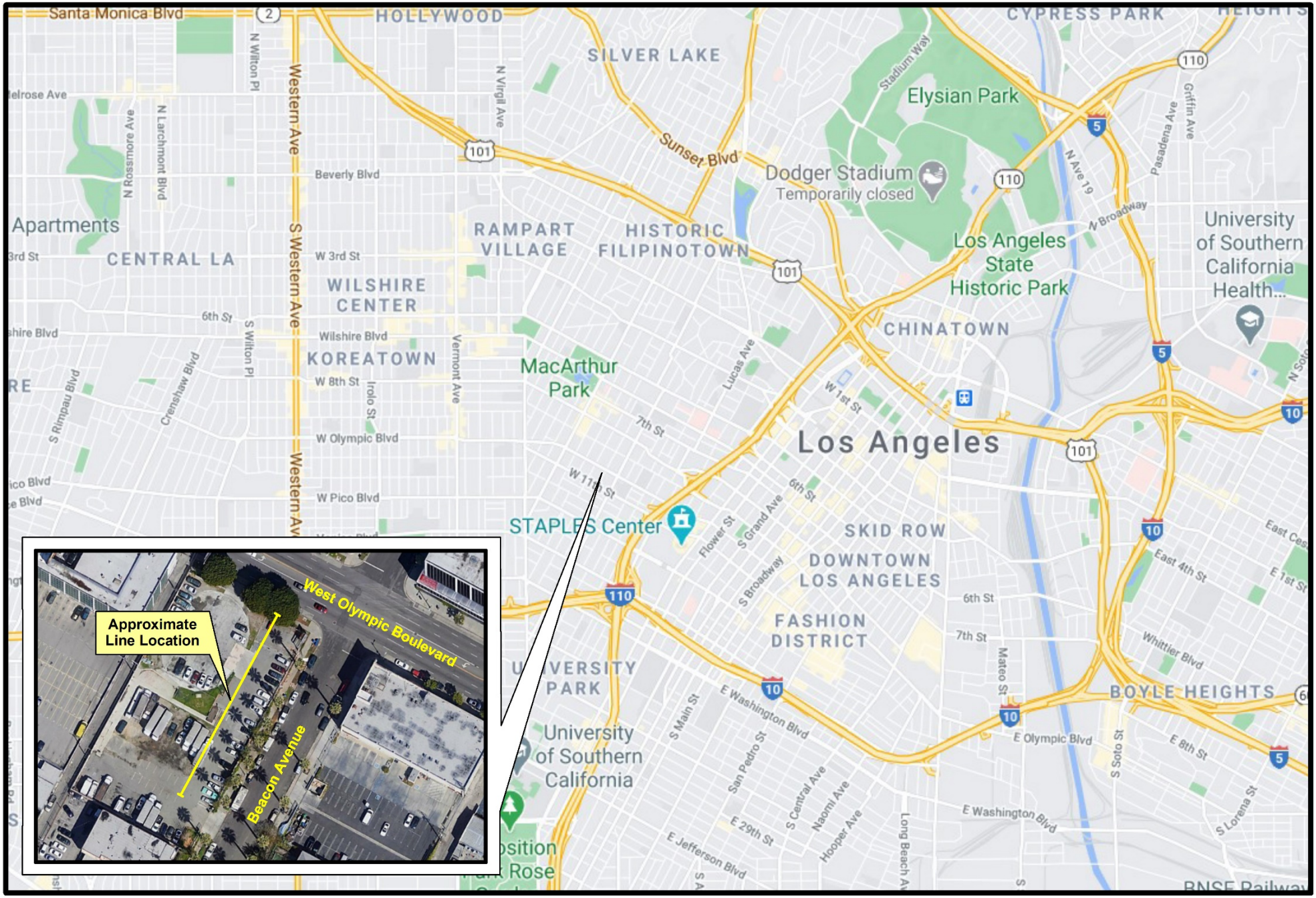
Afrildo Iko Syahrial
Project Geologist/Geophysicist

Patrick Lehrmann, P.G., P.Gp.
Principal Geologist/Geophysicist

AIS:PFL:pfl:ds

Attachments: Figure 1 – Site Location Map
Figure 2 – Line Location Map
Figure 3 – Site Photograph
Figure 4 – ReMi Results

Distribution: Mr. Doug Crayton at dcrayton@twininginc.com



SITE LOCATION MAP	N	1700 West Olympic Boulevard Los Angeles, California	ATLAS
		Project No.: 120458SWG / Date: 11/20	Figure 1

LINE LOCATION MAP

N

1700 West Olympic Boulevard
Los Angeles, California

Project No.: 120458SWG | Date: 11/20

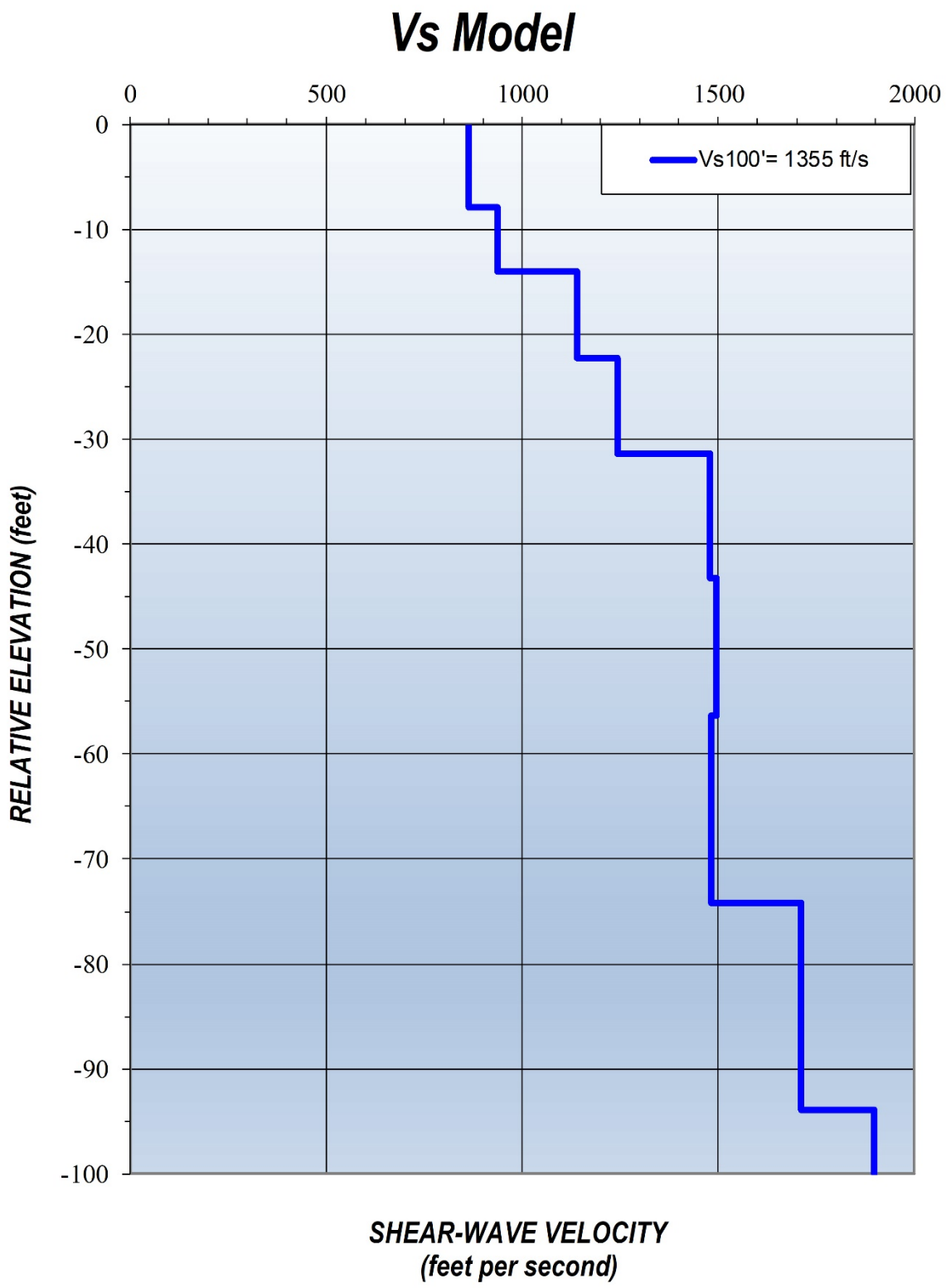
ATLAS

Figure 2

0 50 100

approximate scale in feet

SITE PHOTOGRAPH	1700 West Olympic Boulevard Los Angeles, California	ATLAS
	Project No.: 120458SWG / Date: 11/20	Figure 3



ReMi RESULTS	1700 West Olympic Boulevard Los Angeles, California	ATLAS
	Project No.: 120458SWG / Date: 11/20	Figure 4

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APPENDIX C
LABORATORY TESTING

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Appendix C
Laboratory Testing

Laboratory Moisture Content and Density Tests

The moisture content and dry densities of selected driven samples obtained from the exploratory borings were evaluated in general accordance with the latest version of ASTM D2937. The results are shown on the boring logs in Appendix A, and also summarized in Table C-1.

No. 200 Wash Sieve

The amount of fines passing the No. 200 sieve was evaluated in accordance with ASTM D1140. The results are presented in Table C-2.

Atterberg Limits

Tests were performed on selected representative fine-grained soil samples to evaluate the liquid limit, plastic limit, and plasticity index in general accordance with ASTM D4318. These test results were utilized to evaluate the soil classification in accordance with the Unified Soil Classification System. The test results are summarized in on Figure C-1 and Table C-3.

Resistance Value (R-value)

R-value testing was performed on a select bulk sample of the near-surface soils encountered at the site. The test was performed in general accordance with ASTM D2844. The result is summarized in Table C-4.

Expansion Index

The expansion index of a select soil sample was evaluated in general accordance with ASTM D4829. The specimen was molded under a specified compactive energy at approximately 50 percent saturation. The prepared 1-inch thick by 4-inch diameter specimen was loaded with a surcharge of 144 pounds per square foot and was inundated with tap water. Readings of volumetric swell were made for a period of 24 hours. The result of expansion index test is presented in Table C-5.

Direct Shear

Direct shear tests were performed on a remolded sample and select modified-California soil samples in general accordance with the latest version of ASTM D3080 to evaluate the shear strength characteristics of the selected materials. The remolded sample was prepared to a relative compaction of 90% according to the maximum density as determined by ASTM D1557. The samples were inundated during shearing to represent adverse field conditions. Test results are presented on Figures C-2 through C-3.

Consolidation

Consolidation tests were performed on selected modified-California soil samples in general accordance with the latest version of ASTM D2435. The samples were inundated during testing to represent adverse field conditions. The percent consolidation for each load cycle was recorded as a ratio of the amount of vertical compression to the original height of the sample. Test results are presented on Figures C-4 through C-5.

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Maximum Density and Optimum Moisture

A Modified Proctor test was performed on near-surface soils to determine the maximum dry density and optimum water content for compaction. The test was performed in accordance with ASTM D 1557 Method A. The curve is attached to this appendix as Figure C-6.

Corrosivity

Soil pH and resistivity tests were performed by Anaheim Test Lab, Inc. (ATLI) of Anaheim, California on a representative soil sample. The resistivity of the soil assumes saturated soil conditions. The chloride and sulfate contents of the selected samples were evaluated in general accordance with the latest versions of Caltrans test methods CT417, CT422, and CT 643. The test results are presented on Table C-6 and the ATLI report included in this appendix.

Table C-1
Moisture Content and Dry Density

Boring No.	Depth (feet)	Moisture Content (%)	Dry Density (pcf)
B-1	10	12.1	118.7
B-1	20	7.8	126.6
B-1	30	8.6	124.5
B-1	40	11.3	123.1
B-1	50	11.0	123.9
B-1	60	9.2	103.5
B-2	5	7.1	126.3
B-2	15	8.7	106.0
B-2	25	8.1	123.1
B-2	35	5.0	105.0
B-2	45	5.0	105.0
B-3	10	9.4	125.8
B-3	20	16.1	113.2
B-3	30	15.9	116.3
B-3	40	8.8	124.0
B-6	50	11.8	120.8

Table C-2
Number 200 Wash Results

Boring No.	Depth (feet)	Percent Passing #200
B-1	15	81
B-1	25	35
B-2	10	68
B-2	30	41
PP-2	24	45

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Table C-3
Atterberg Limits Results

Boring No.	Depth (feet)	Liquid Limit	Plastic Limit	Plasticity Index	U.S.C.S. Classification
B-1	15	40	26	14	Lean Clay with Sand (CL)
B-1	25	NP	NP	NP	Silty Sand (SM)
B-2	10	30	23	7	Sandy Lean Clay (CL)
B-2	30	NP	NP	NP	Silty Sand (SM)
PP-2	24	28	24	4	Silty Sand (SM)

Table C-4
Resistance Value (R-value)

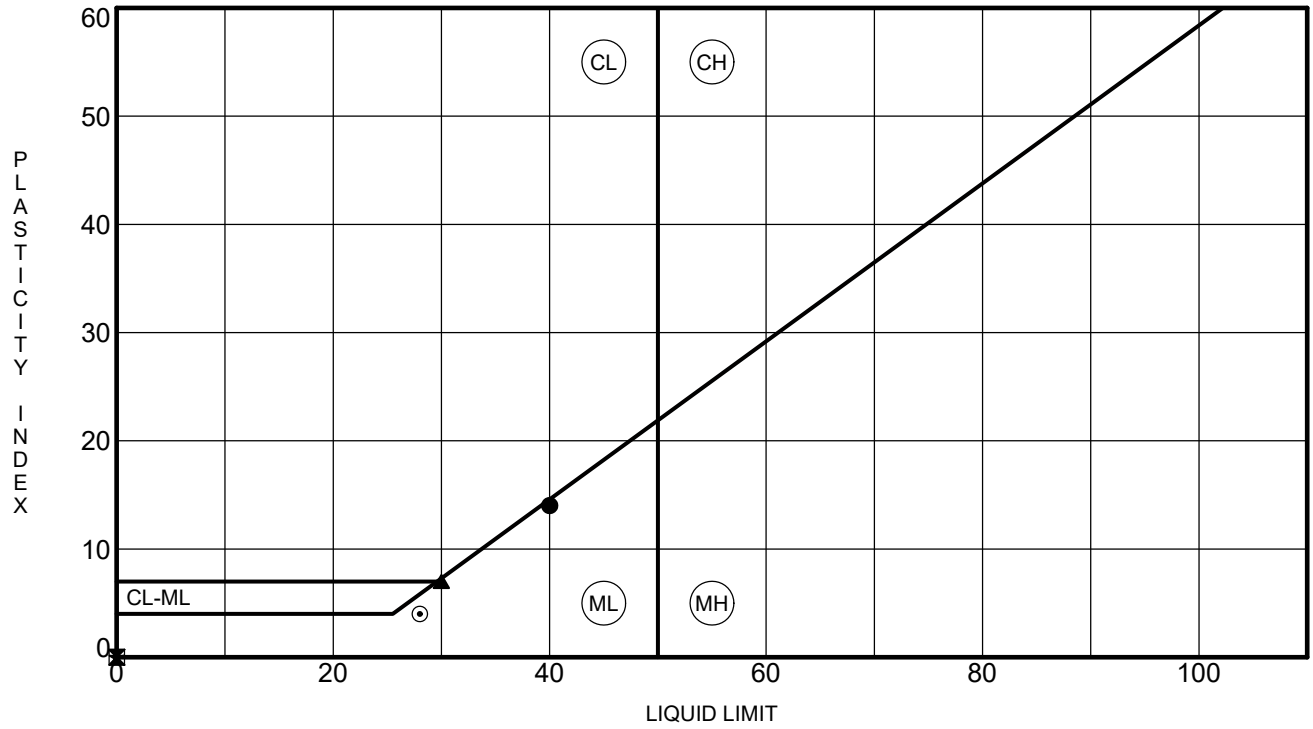
Boring No.	Depth (feet)	R Value
PP-2	0 - 5	11

Table C-5
Expansion Index

Boring No.	Depth (feet)	Expansion Index	Expansion Potential
B-2	0-5	23	Low

Table C-6
Corrosivity Test Results

Boring No.	Depth (feet)	pH	Water Soluble Sulfate (ppm)	Water Soluble Chloride (ppm)	Minimum Resistivity (ohm-cm)
B-2	0-5	8.5	905	70	1,500



	Sample Location	LL	PL	PI	U.S.C.S. Classification
●	**B-1 at 15 ft**	**40**	**26**	**14**	**Lean CLAY with sand**
⊠	**B-1 at 25 ft**	**NP**	**NP**	**NP**	**Silty SAND**
▲	**B-2 at 10 ft**	**30**	**23**	**7**	**Sandy lean CLAY**
★	**B-2 at 30 ft**	**NP**	**NP**	**NP**	**Silty SAND**
⊙	**PP-2 at 24 ft**	**28**	**24**	**4**	**Silty SAND**

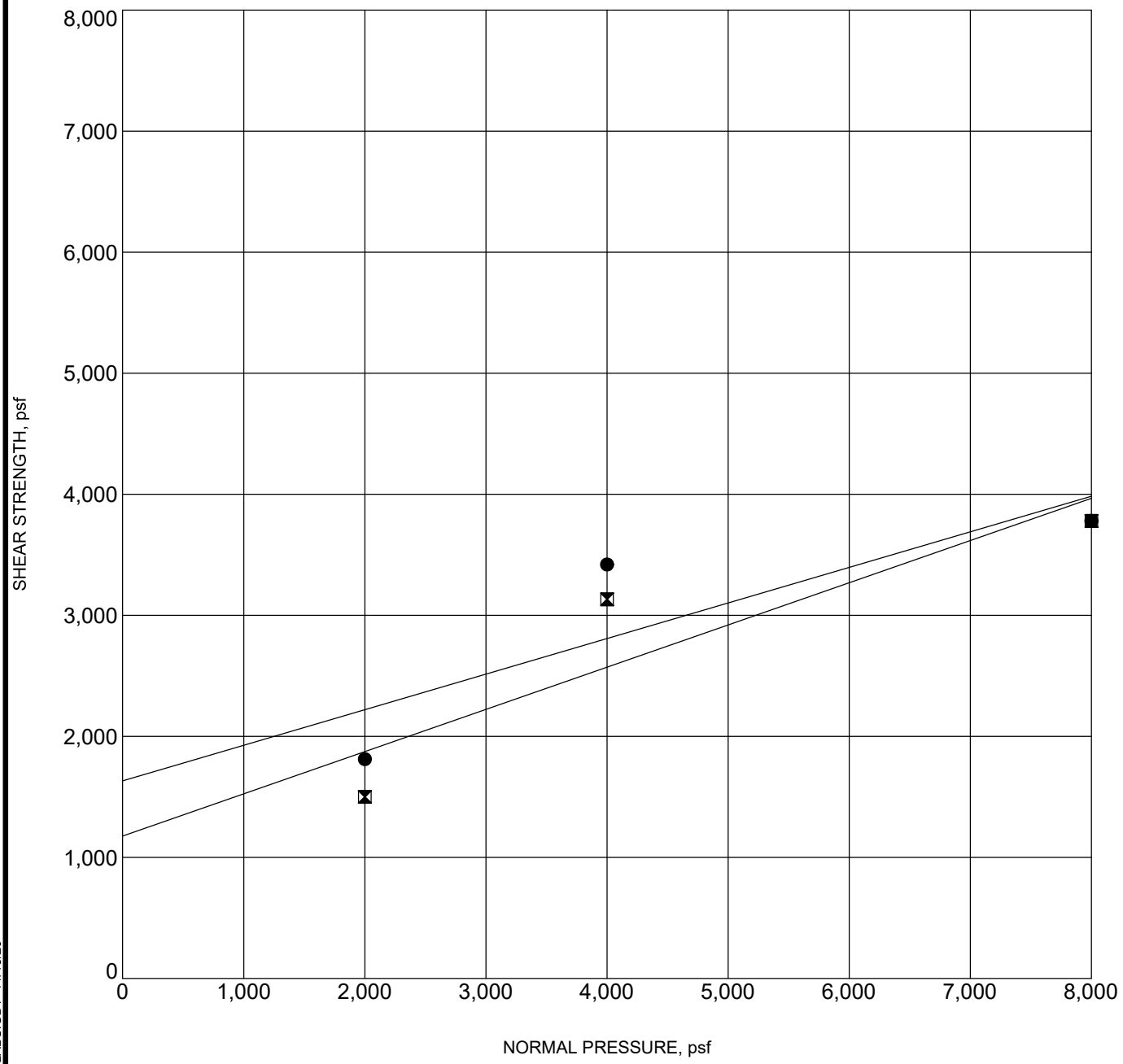
TWINING

ATTERBERG LIMITS

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE C-1
200935.1	November 2020	

ATTERBERG LIMITS 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 11/6/20



		Shear Strength Parameters	
		Peak	Ultimate
Boring No.:	B-2		
Sample Depth (ft):	15		
Sample Description:	Sandy lean CLAY	**Cohesion, C (psf):**	1632 / 1176
Strain Rate (in./min):	0.005	**Friction Angle, Ø (deg):**	16 / 19
Dry Density (pcf):	106.0		
		Initial Moisture (%):	8.7
		Final Moisture (%):	14.0

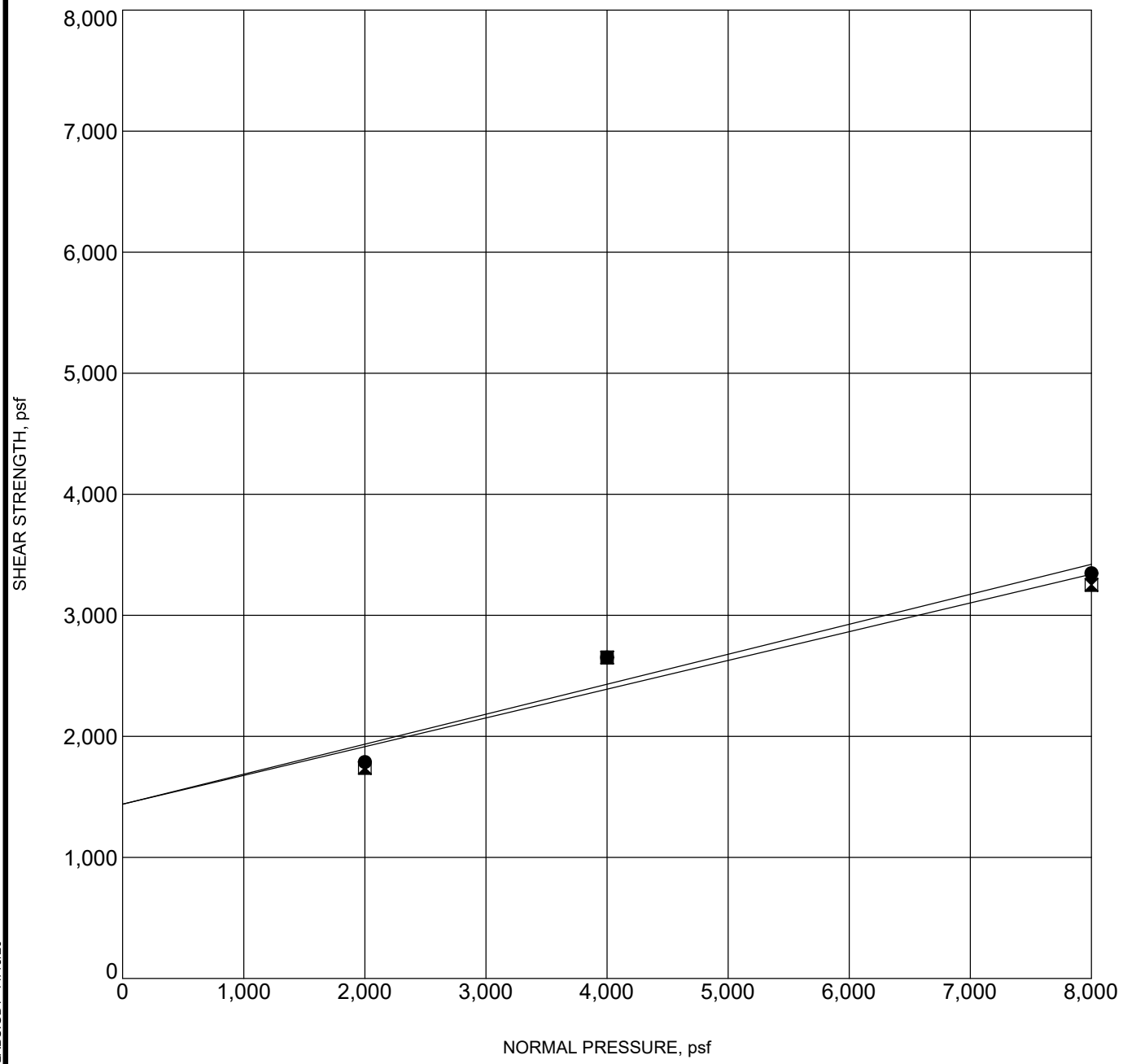
TWINING

DIRECT SHEAR TEST

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE C-2
200935.1	November 2020	

DIRECT SHEAR 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 11/13/20



Boring No.:	B-3
Sample Depth (ft):	30
Sample Description:	Sandy lean CLAY
Strain Rate (in./min):	0.005
Dry Density (pcf):	116.3

Shear Strength Parameters

	Peak	**Ultimate**
Cohesion, C (psf):	1440	1440
Friction Angle, Ø (deg):	14	13

Initial Moisture (%): 15.9
Final Moisture (%): 6.7

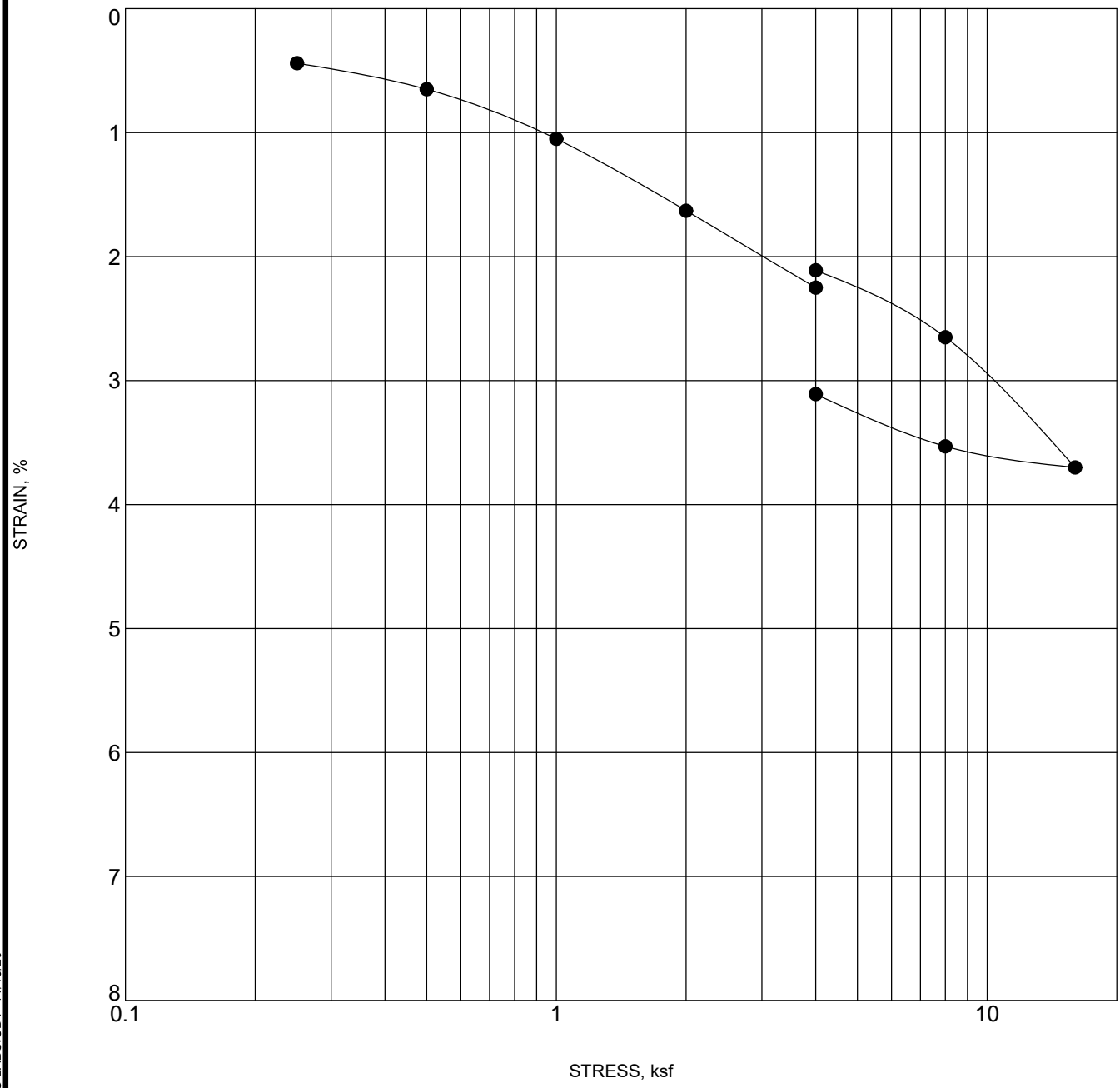
TWINING

DIRECT SHEAR TEST

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE C-3
200935.1	November 2020	

DIRECT SHEAR 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 11/13/20



Sample Location	Soil Description	Dry Density (pcf)	Moisture Content (%)
● **B-3 at 10 ft**	**Sandy lean CLAY**	**125.8**	**9.4**

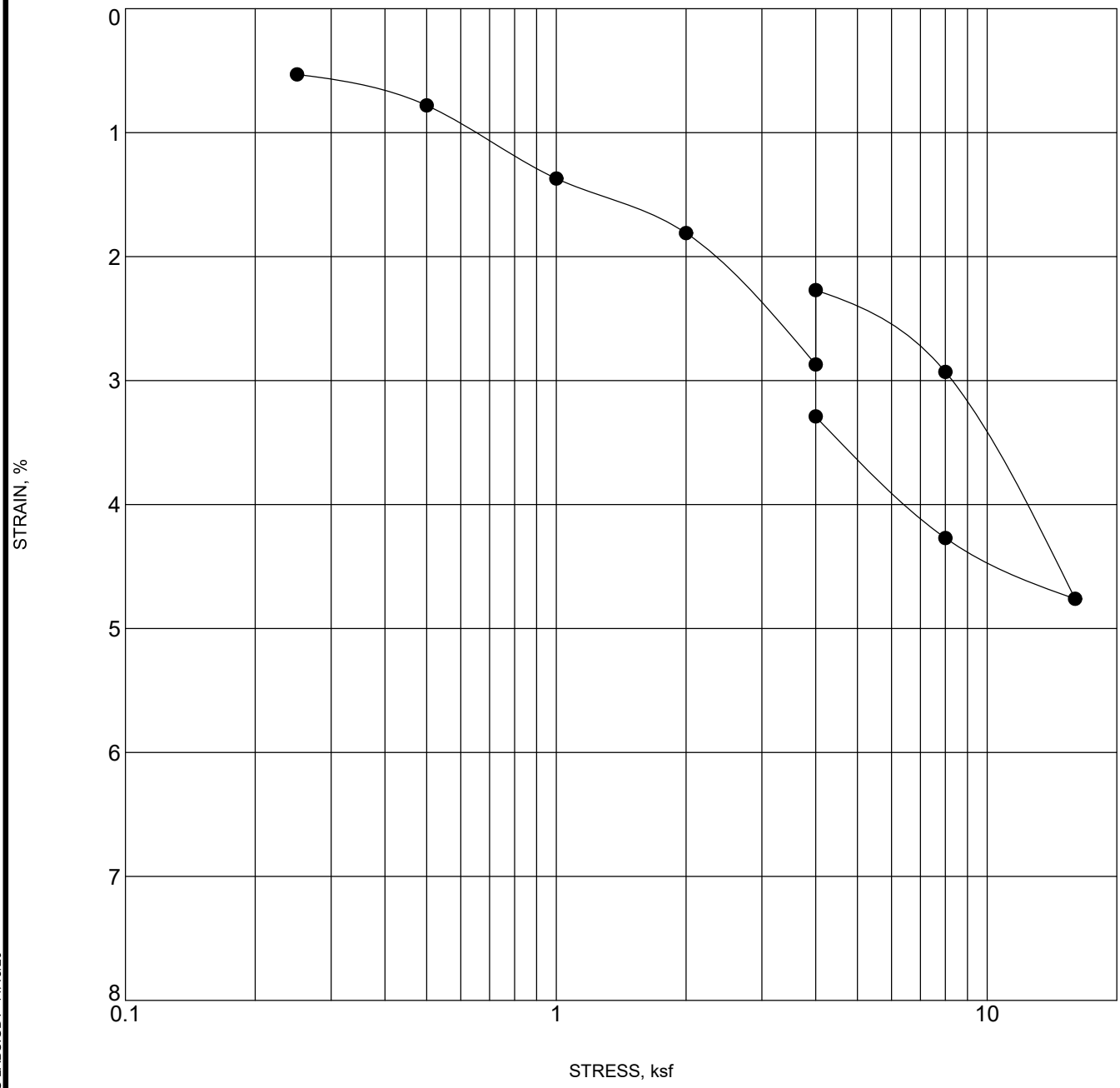
TWINING

CONSOLIDATION TEST

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE C-4
200935.1	November 2020	

CONSOL STRAIN 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 11/13/20



Sample Location	Soil Description	Dry Density (pcf)	Moisture Content (%)
● **B-3 at 20 ft**	**Lean CLAY with sand**	**113.2**	**16.1**

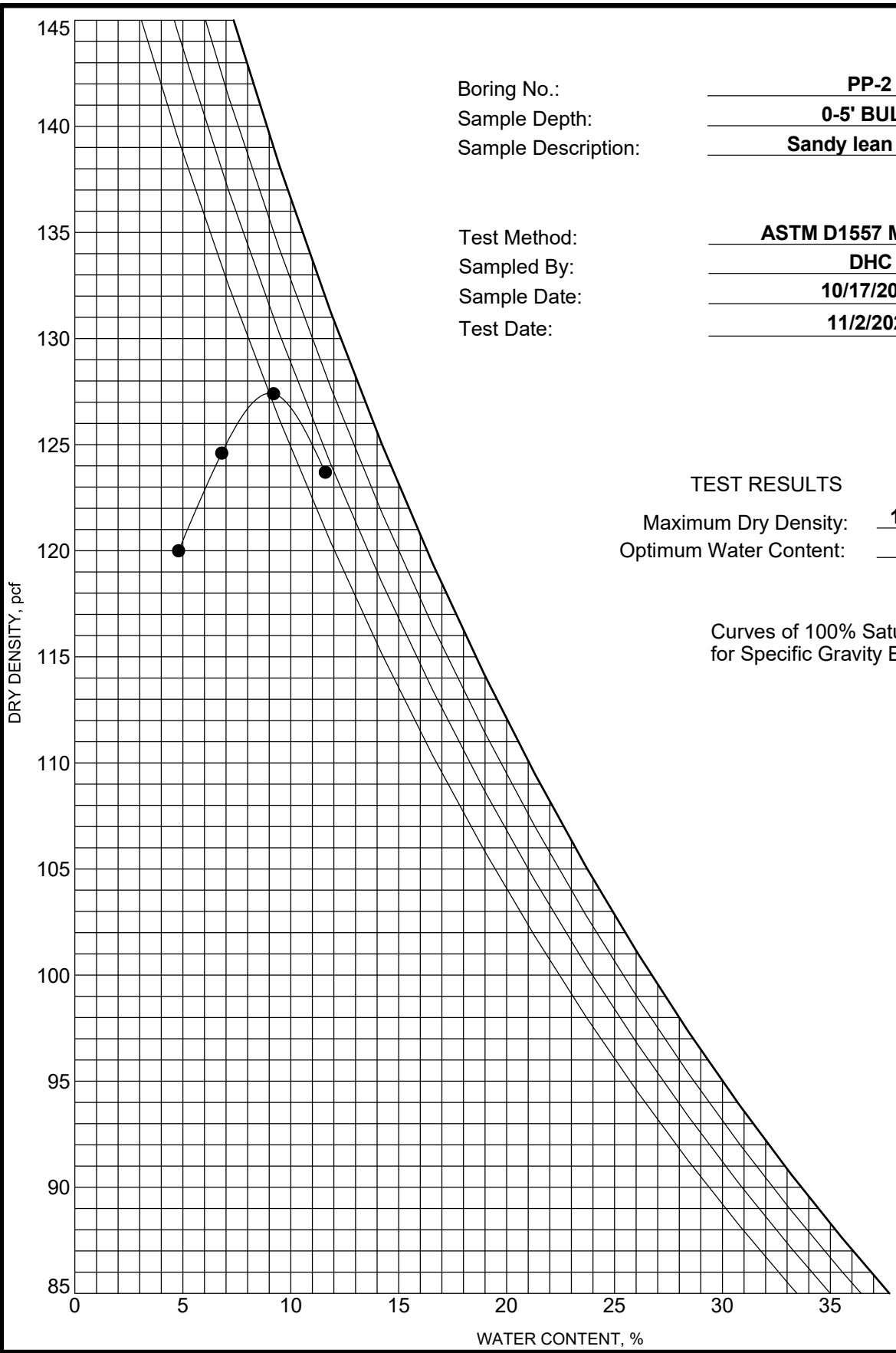
TWINING

CONSOLIDATION TEST

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE C-5
200935.1	November 2020	

CONSOL STRAIN 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 11/13/20



Boring No.:	**PP-2**
Sample Depth:	**0-5' BULK**
Sample Description:	**Sandy lean CLAY**
Test Method:	**ASTM D1557 Method A**
Sampled By:	**DHC**
Sample Date:	**10/17/2020**
Test Date:	**11/2/2020**

TEST RESULTS

Maximum Dry Density:	**127.5** pcf
Optimum Water Content:	**9.0** %

Curves of 100% Saturation for Specific Gravity Equal to:

2.80

2.70

2.60

2.50

TWINING

MOISTURE-DENSITY RELATIONSHIP

Rise Kohyang Middle School
1700 W. Olympic Boulevard
Los Angeles, California

PROJECT NO.	REPORT DATE	FIGURE C-6
200935.1	November 2020	

COMPACTION (MODIFIED BY PAUL) 200935.1 - RISE KOHYANG MIDDLE SCHOOL.GPJ TWINING LABS.GDT 11/6/20

ANAHEIM TEST LAB, INC.

196 Technology Drive, Unit D
Irvine, CA 92618
Phone (949)336-6544

TWINING LABS
3310 AIRPORT WAY
LONG BEACH, CA 90806

DATE: 11/05/2020

P.O. NO: Soils 110220

LAB NO: C-4233

SPECIFICATION: CTM-643/417/422

MATERIAL: Soil

Project No.: 200935.1
Project Name: Rise Kohyang MS
Date sampled: 10/17/2020
Sample ID: B-2 Bulk@ 0'-5'

ANALYTICAL REPORT

CORROSION SERIES
SUMMARY OF DATA

pH	MIN. RESISTIVITY per CT. 643 ohm-cm	SOLUBLE SULFATES per CT. 417 ppm	SOLUBLE CHLORIDES per CT. 422 ppm
8.5	1,500	905	70

RESPECTFULLY SUBMITTED

WES BRIDGER LAB MANAGER

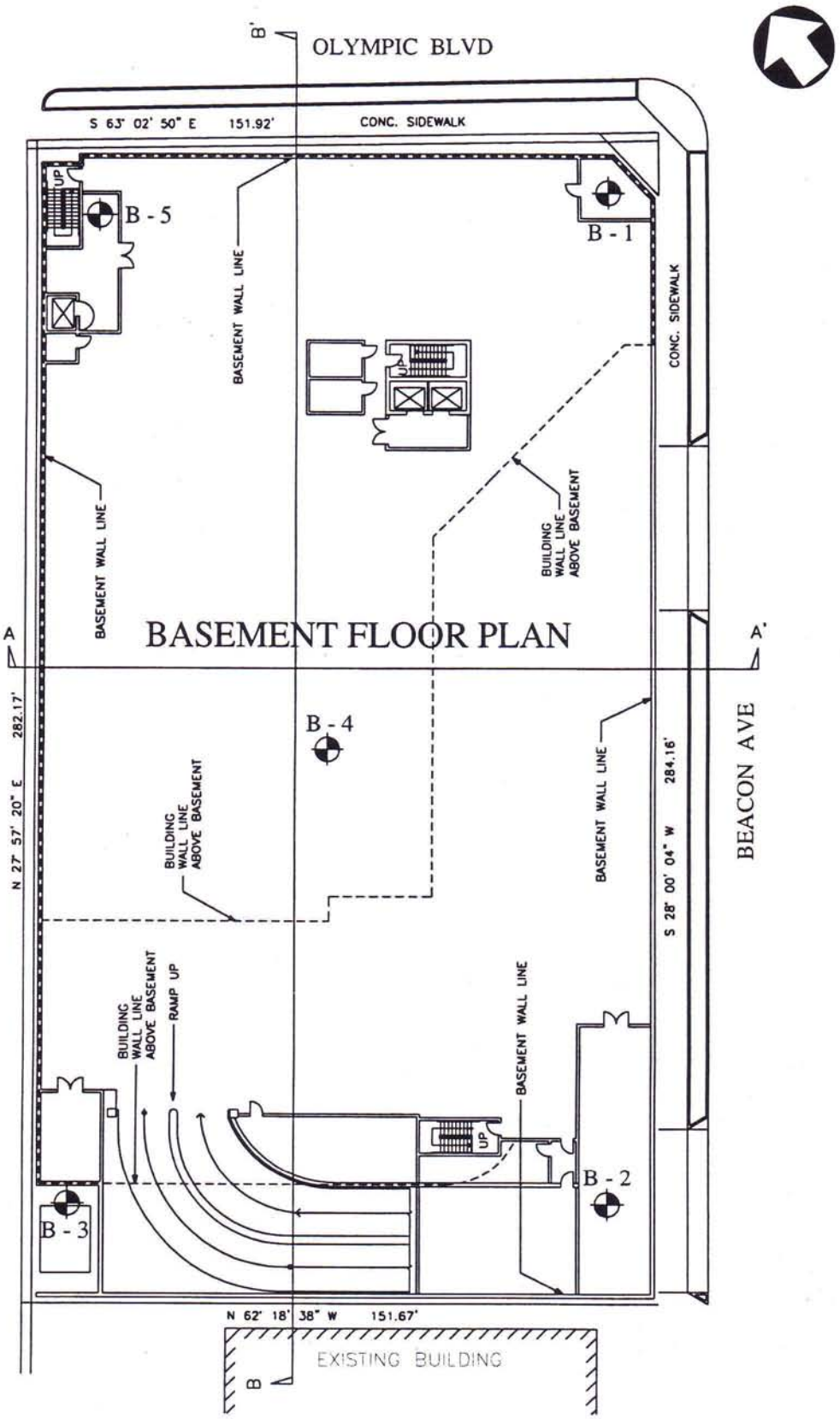
TWINING

2883 East Spring Street
Suite 300
Long Beach CA 90806

Tel 562.426.3355
Fax 562.426.6424

APPENDIX D
PGI (2014) BORINGS AND LABORATORY TESTS

SITE PLAN and BORING LOCATION



SCALE: 1"=40'

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No.	1203-S	PLATE	2

UNIFIED SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than No 4 sieve size)	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravels and gravel - sand mixtures little or no fines
			GP	Poorly graded gravels and gravel - sand mixtures little or no fines
		GRAVELS WITH FINES (Appreciable Amount of fines)	GM	Silty gravels, gravel - sand - silt mixtures
			GC	Clayey gravels gravel - sand - clay mixtures
	SANDS (More than 50% of coarse fraction is SMALLER than No 4 sieve size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands and gravelly sands little or no fines
			SP	Poorly graded sands and gravelly sands little or no fines
		SANDS WITH FINES (Appreciable Amount of fines)	SM	Silty sands, sand - silt mixtures
			SC	Clayey sands, sand - clay mixtures
FINE GRAINED SOILS (More than 50% of material is SMALLER than No 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)		ML	Inorganic silts and very fine sands rock flour silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity gravelly clays sandy clays, silty clays lean clays
			OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts micaceous or diatomaceous fine sands or silts elastic silts
			CH	Inorganic clays of high plasticity fat clays
			OH	Organic clays of medium to high plasticity organic silts
HIGHLY ORGANIC SOILS			Pt	Peat, muck and other highly organic soils

BOUNDARY CLASSIFICATIONS Soils possessing characteristics of two groups are designated by combinations of group symbols

Reference: The Unified Soil Classification System, Corps of Engineers, U.S. Army Technical Memorandum No 3-357, Vol 1, March, 1953 (Revised April, 1960)

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No.	1203-S	PLATE	A

LOG OF TEST BORING

BORING No. 1

Sample Type
R: Ring Sample
S: SPT Sample
B: Bulk Sample

Date Drilled: 5/5/14
Drilling Equipment: Hollow Stem Auger
Driving Weight: 140 lbs

Ground Surface Elevation:

Depth in Feet	Sample Type	Blow/12"	Moisture Content (% of Dry Weight)	Dry Unit Weight (lbs./cu.ft.)	USCS Symbol	Description of Material		Color	Consistency	Moisture
2					ML	SILT	very fine-sandy, clayey	reddish brown	firm	moist
5	R	46	11.3	100.2						
10	R	52	10.2	103.0			very fine-sandy	brown	hard	
15	R	53	7.4	108.5				light brown		
20	R	68	12.3	117.8			very fine-sandy, clayey	brown		
25	R	62	11.6	113.1	SC	SAND	fine to coarse, clayey	reddish brown	very dense	
30	R	64	9.2	111.4	SW		fine to coarse, slightly silty			
35	R	58	8.7	113.3				brown		
40	R	44	14.9	109.7	SM		fine to coarse, silty			

Total Depth: 40 feet, No groundwater

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE A-1

LOG OF TEST BORING

BORING No. 2

Sample Type
R: Ring Sample
S: SPT Sample
B: Bulk Sample

Date Drilled: 5/5/14
Drilling Equipment: Hollow Stem Auger
Driving Weight: 140 lbs

Ground Surface Elevation:

Depth in Feet	Sample Type	Blow/12"	Moisture Content (% of Dry Weight)	Dry Unit Weight (lbs./cu.ft.)	USCS Symbol	Description of Material		Color	Consistency	Moisture
2					SC	SAND	fine to medium, clayey	brown	very dense	moist
5	R	44	11.8	106.8			fine to coarse, clayey			
10	R	57	12.4	108.2	SW		fine to medium, slightly silty			
15	R	61	17.4	113.1	ML	SILT	very fine-sandy, clayey		hard	
20	R	45	14.5	111.1	CL	CLAY	fine-sandy, silty	reddish brown		
25	R	43	16.7	111.9			very fine-sandy, silty	brown		
30	R	49	12.4	113.2	SC	SAND	fine to medium, clayey	reddish brown	very dense	
35	R	71	10.0	118.6	SP		fine, slightly silty	brown		
40	R	54	13.7	111.2	SM		fine to medium, silty			

Total Depth: 40 feet, No groundwater

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE A-2

LOG OF TEST BORING

BORING No. 3

Sample Type
R: Ring Sample
S: SPT Sample
B: Bulk Sample

Date Drilled: 5/5/14
Drilling Equipment: Hollow Stem Auger
Driving Weight: 140 lbs

Ground Surface Elevation:

Depth in Feet	Sample Type	Blow/12"	Moisture Content (% of Dry Weight)	Dry Unit Weight (lbs./cu.ft.)	USCS Symbol	Description of Material	Color	Consistency	Moisture
2					CL	CLAY fine-sandy, silty	brown	firm	
5	R	53	15.5	107.8				hard	
10	R	50/9"	5.9	115.9	SW	SAND fine to medium, slightly silty		very dense	
15	R	45/10"	2.3	113.7		fine to coarse, clean, w/small rocks			
20	R	36	17.9	105.7	CL	CLAY fine- to medium-sandy	dark brown	firm	
25	R	47	12.1	119.6			brown	hard	
30	R	46	17.1	104.2					
35	R	55	19.3	110.9		silty			
40	R	43	14.1	110.6		fine- to coarse-sandy, small rocks			

Total Depth: 40 feet, No groundwater

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE A-3

LOG OF TEST BORING

BORING No. 4

Sample Type
R: Ring Sample
S: SPT Sample
B: Bulk Sample

Date Drilled: 5/5/14
Drilling Equipment: Hollow Stem Auger
Driving Weight: 140 lbs

Ground Surface Elevation:

Depth in Feet	Sample Type	Blow/12"	Moisture Content (% of Dry Weight)	Dry Unit Weight (lbs./cu.ft.)	USCS Symbol	Description of Material		Color	Consistency	Moisture
2					CL	CLAY	fine- to coarse-sandy	reddish brown	firm	moist
5	R	32	14.0	100.6						
10	R	47	19.2	107.1	ML	SILT	very fine-sandy	brown	hard	
15	R	67	4.4	112.5	SW	SAND	fine to coarse, slightly silty to clean		very dense	
20	R	51	4.2	109.3			fine to coarse, clean			
25	R	54	15.9	112.8	CL	CLAY	very fine-sandy, silty		hard	
30	R	42	18.3	110.3			fine-sandy			

Total Depth: 30 feet

No groundwater

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE A-4

LOG OF TEST BORING

BORING No. 5

Sample Type
R: Ring Sample
S: SPT Sample
B: Bulk Sample

Date Drilled: 5/5/14
Drilling Equipment: Hand Auger
Driving Weight: 35 lbs

Ground Surface Elevation:

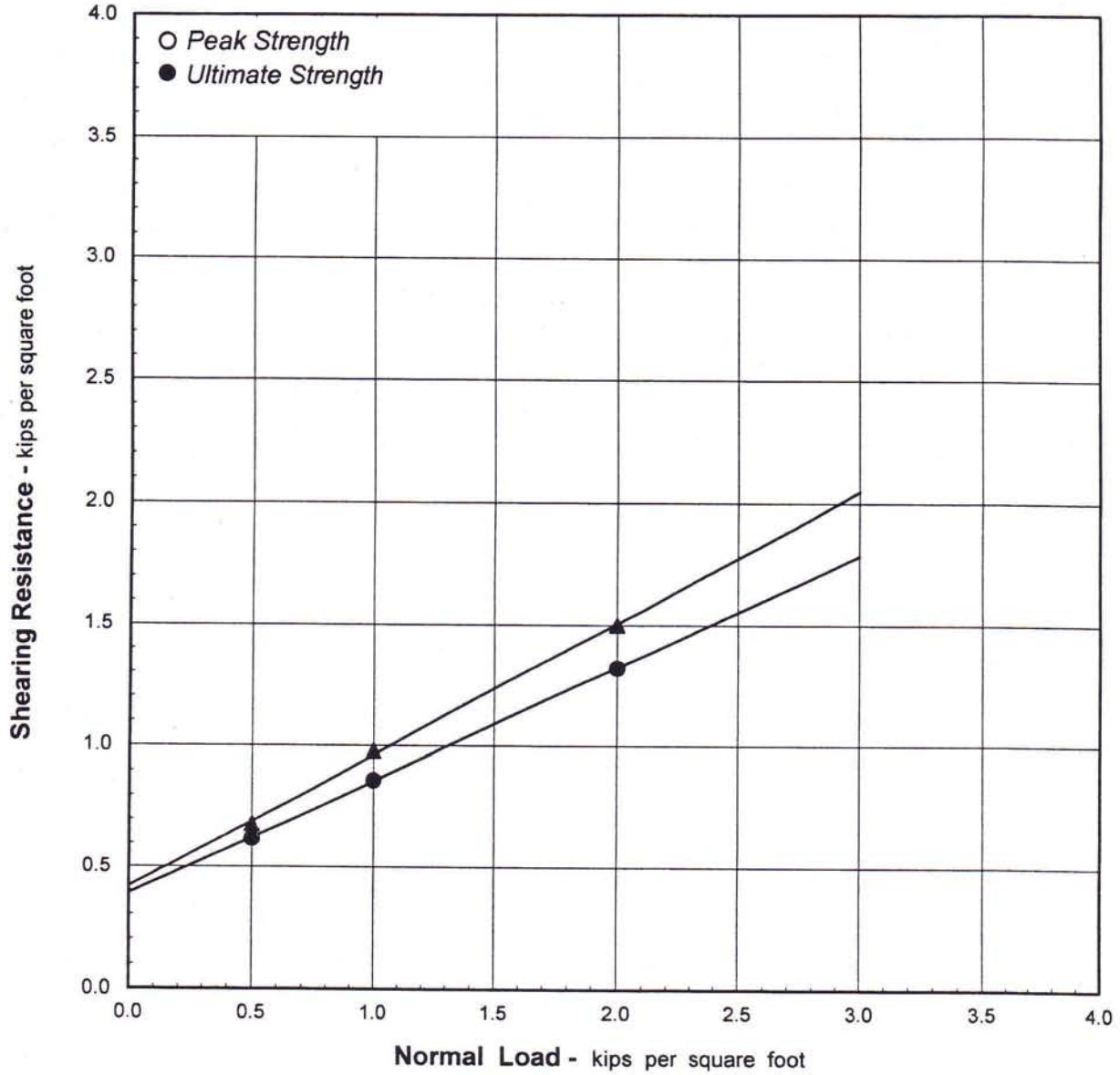
Depth in Feet	Sample Type	Blow/12"	Moisture Content (% of Dry Weight)	Dry Unit Weight (lbs./cu.ft.)	USCS Symbol	Description of Material		Color	Consistency	Moisture
					ML	SILT	very fine-sandy	brown	hard	moist
2										
5	R	100/8"	11.8	111.3						
10	R	100/10"	15.9	110.4			very fine-sandy, clayey		firm	
15	R	100/9"	12.9	115.5	SM	SAND	very fine, silty		very dense	
20	R	100/8"	10.8	117.2						

Total Depth: 20 feet

No groundwater

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No.	1203-S	PLATE	A-5

DIRECT SHEAR TEST

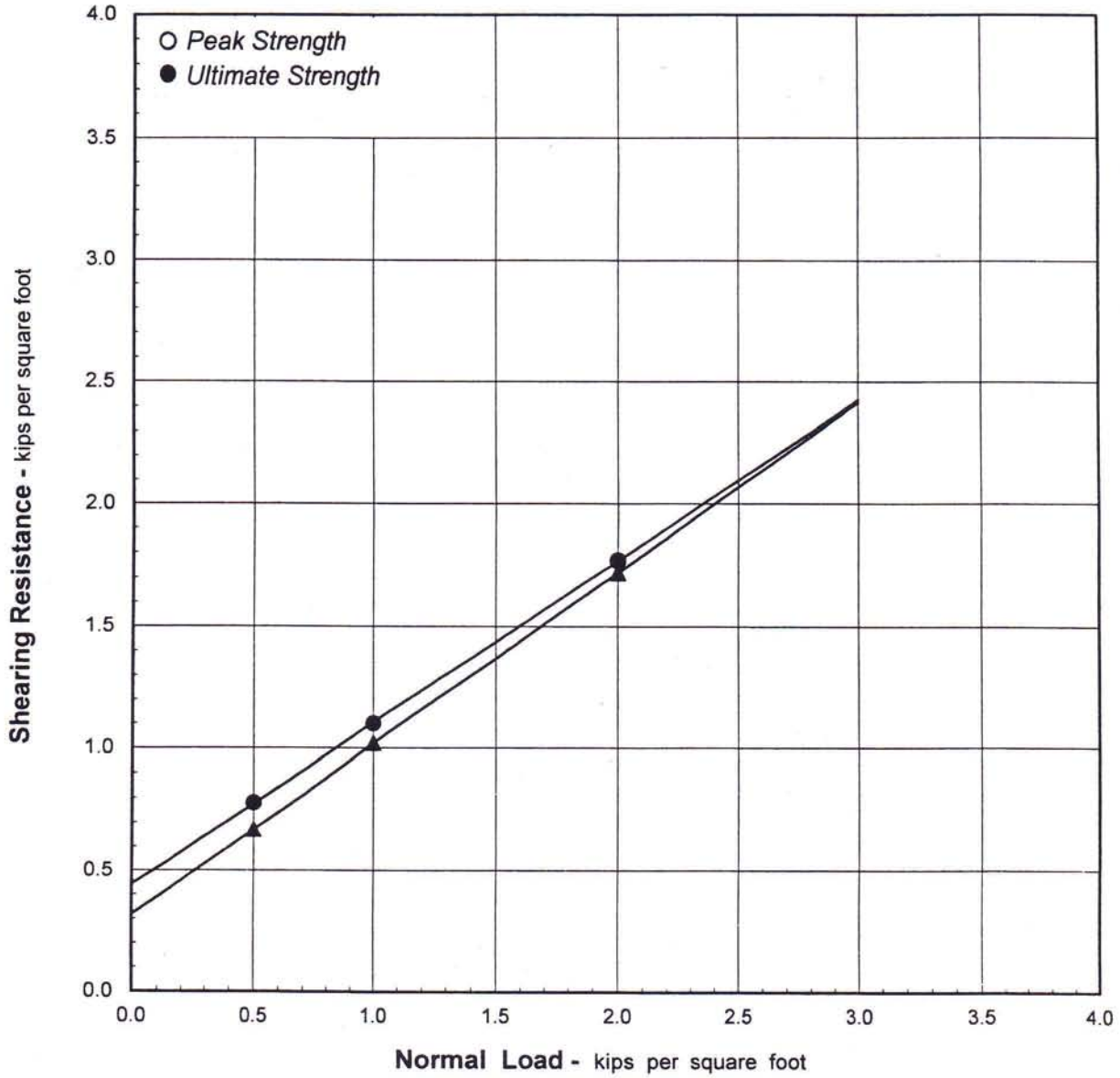


Symbol	Test Pit No.	Depth (feet)	USCS Symbol	Initial Moisture Content (% of dry wt.)	Saturated Moisture Content (% of dry wt.)	Dry Unit Weight (lbs./cu.ft.)	Cohesion (lbs./sq.ft.)	Angle of Friction (degree)
●	1	5	ML	11.3	26.6	100.2	390	25
▲	1	10	ML	10.2	25.7	103.2	420	28

Samples were tested under saturated and drained conditions.

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE	A-6

DIRECT SHEAR TEST



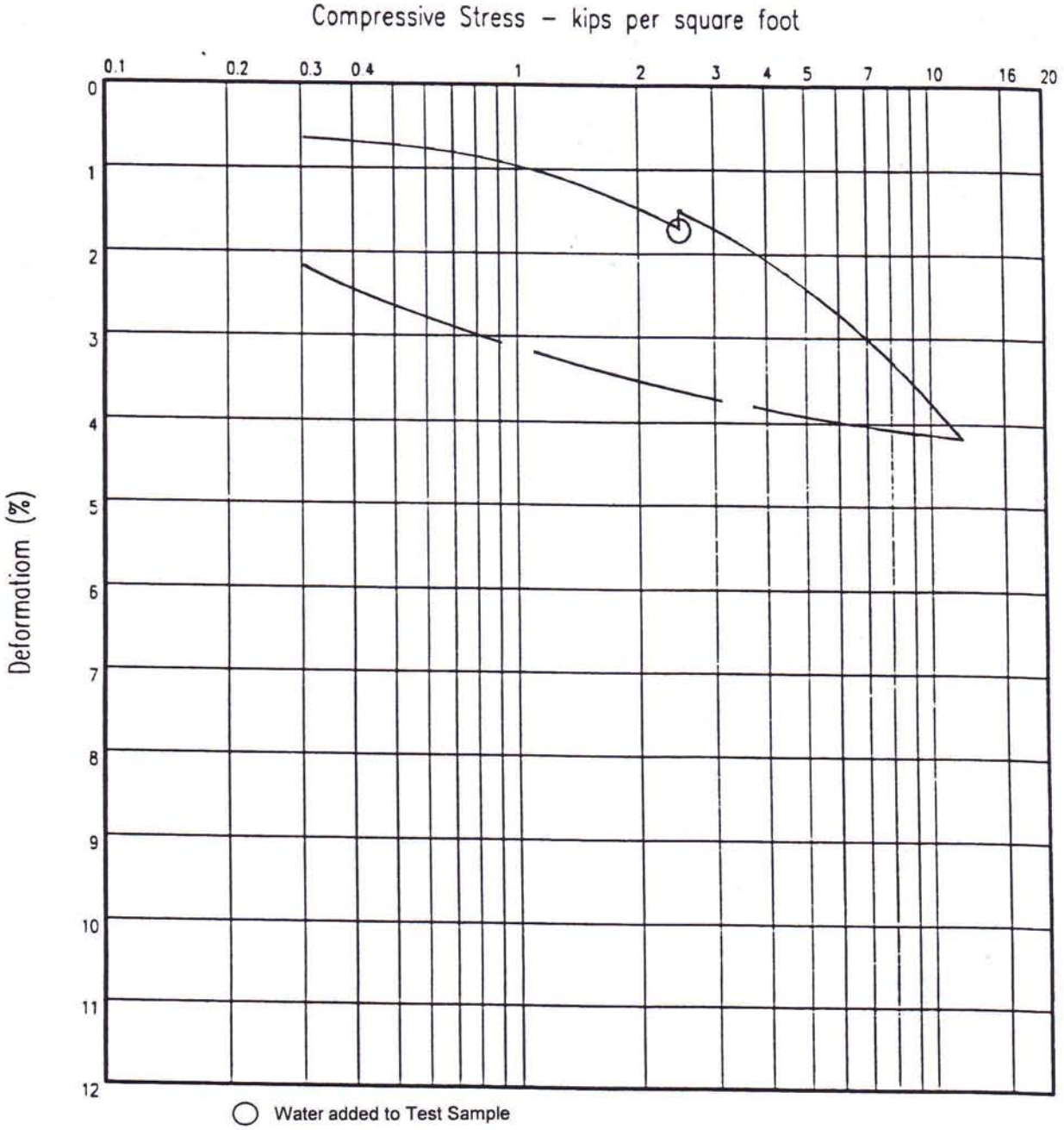
Symbol	Test Pit No.	Depth (feet)	USCS Symbol	Initial Moisture Content (% of dry wt.)	Saturated Moisture Content (% of dry wt.)	Dry Unit Weight (lbs./cu.ft.)	Cohesion (lbs./sq.ft.)	Angle of Friction (degree)
●	2	5	SC	11.8	21.3	106.8	450	33
▲	2	10	SW	12.4	20.7	108.2	320	35

Samples were tested under saturated and drained conditions.

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE	A-7

CONSOLIDATION TEST

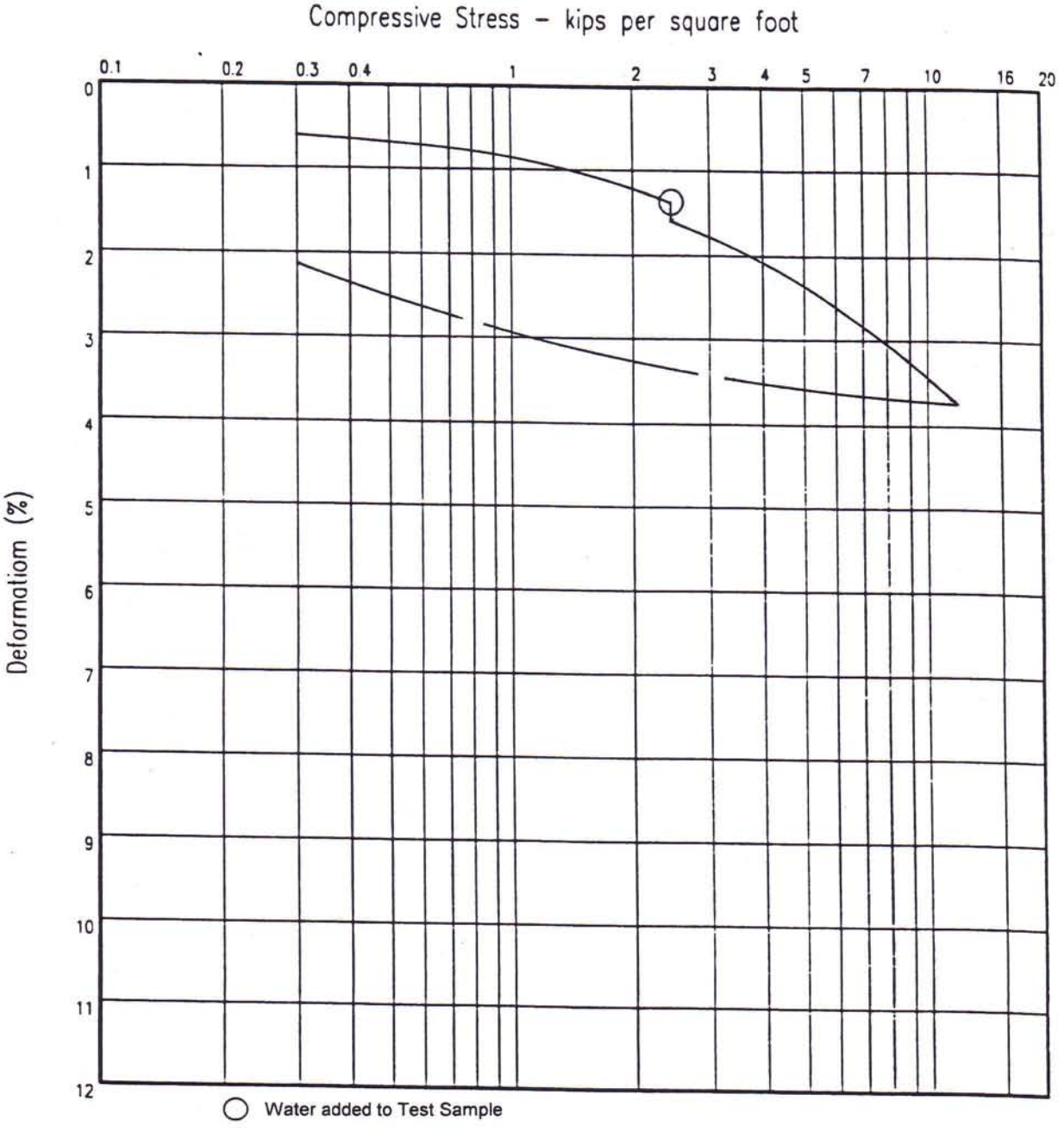
Boring No. : 1
Depth: 10 feet
Soil Type: very fine-sandy SILT



PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE A-8

CONSOLIDATION TEST

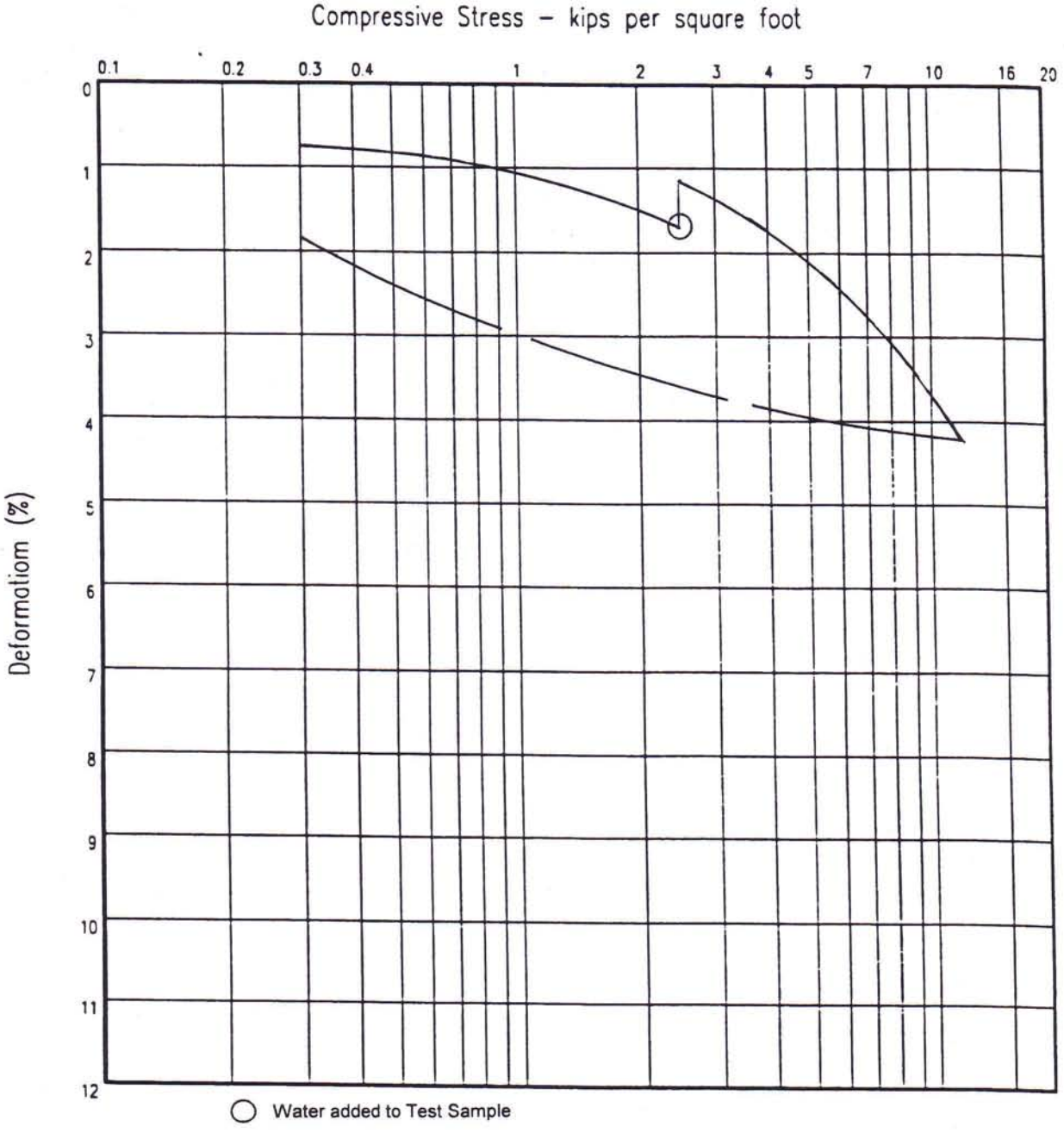
Boring No. : 2
Depth: 10 feet
Soil Type: fine to medium, slightly silty



PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No.	1203-S	PLATE	A-9

CONSOLIDATION TEST

Boring No. : 3
Depth: 20 feet
Soil Type: fine- to medium-sandy CLAY



PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-S	PLATE A-10

SUMMARY OF CORROSION TEST RESULTS

PROJECT NAME: 1700 W. Olympic Blvd., Los Angeles

EGLAB JOB NO.: 14-038-012

PROJECT NO.: 1203-S

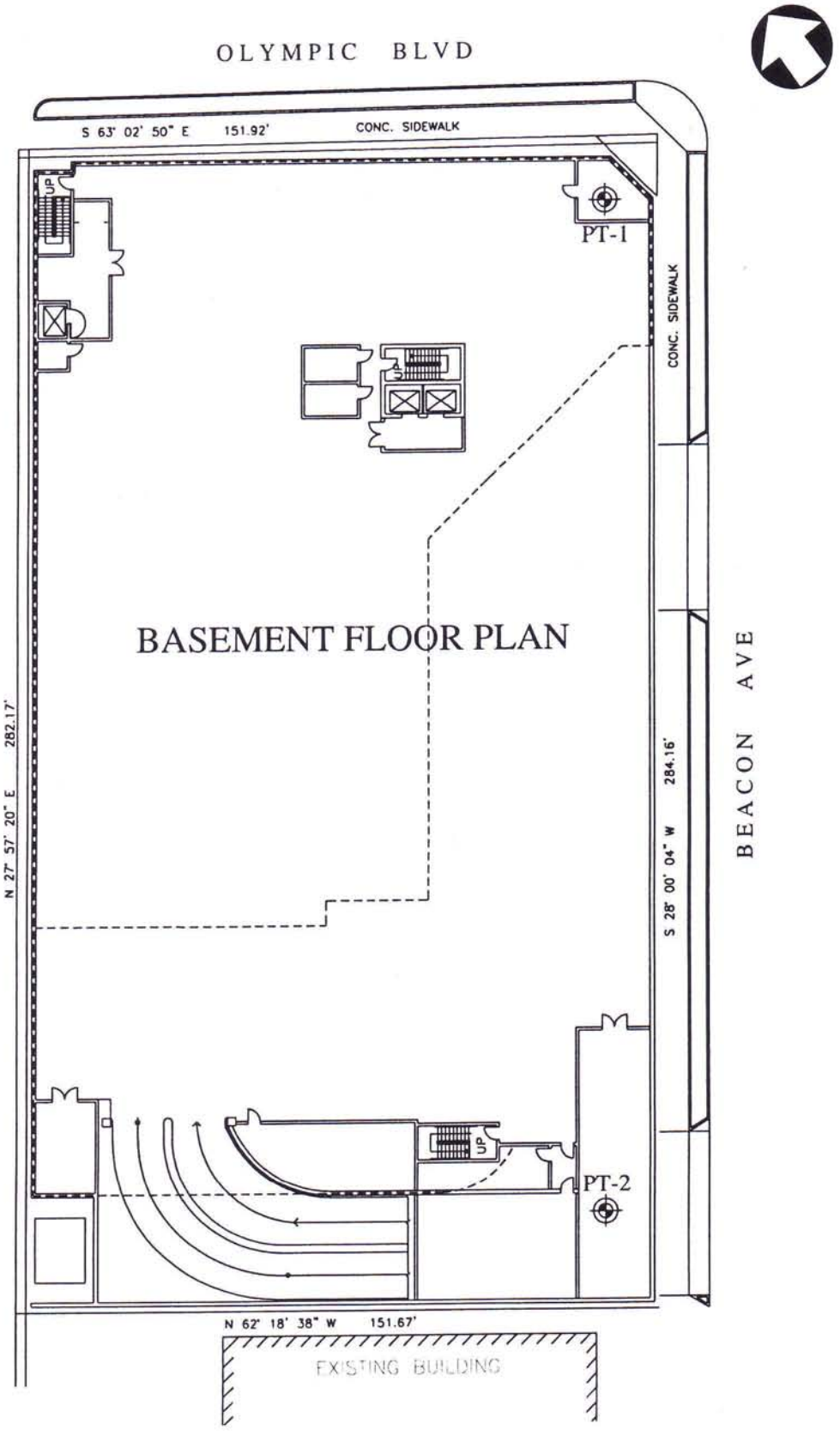
CLIENT: Pacific Geotech Inc.

DATE: 5/9/2014

Summarized By: JT

BORING NO.	SAMPLE NO.	DEPTH (ft)	pH CalTrans 643	Chloride Content CalTrans 422 (ppm)	Sulfate Content CalTrans 417 (% by weight)	Minimum Resistivity CalTrans 643 (ohm-cm)
B-4	N/A	10	8.15	235	0.004	3,100

SITE PLAN & TEST LOCATION



SCALE: 1"=40'

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No.	1203-P	PLATE	1

PGI

PACIFIC GEOTECH, INC.

GEOTECHNICAL ENGINEERING CONSULTANT

15038 CLARK AVE, HACIENDA HEIGHTS, CA 91745 • TEL 626-333-8507 • FAX 626-333-5056

E-mail: info@PGIsoil.com

May 9, 2014
Project No.: 1203-P

CK HOSPITALITY, INC.
1901 W. Olympic Blvd,
Los Angeles, California 90006

Attention: Mr. Peter Chung
President

SUBJECT: Report of Percolation Test
Proposed Olympia Hotel
1700 W. Olympic Blvd, Los Angeles, CA

REFERENCE: "Low Impact Development Best Management Practice Guideline for Design, Investigation and Reporting" dated 06/01/11 Administrative Manual County of Los Angeles, Department of Public Works, Geotechnical and Materials Engineering Division.

"Geotechnical Engineering Investigation" dated 05/09/2014 by Pacific Geotech, Inc.

Dear Mr. Chung:

In accordance with your request and authorization, we have conducted a percolation test for the stormwater infiltration drainage system at the subject site. The primary objective of the percolation test is to determine an infiltration rate of the onsite subsurface soils for the design of the stormwater infiltration drainage system, dry wells, to be constructed at the subject site.

Infiltration Test

Percolation tests were performed at the locations, PT-1 & PT-2, of the proposed infiltration drainage system. An 8-inch diameter borings were drilled to depths of 40 feet at the locations, as shown on Site Plan & Test Location, Plate 1. A 4-inch diameter perforated PVC casing pipe was installed in the hole. The holes were filled with water and left overnight for presoaking period.

Testing Procedure

The time interval for the standard test has been determined to be 30 minutes. Water was refilled in the casing pipe to the presoaked level. The drops in water level during the time interval were recorded. The test was repeated until the stabilized rate of drop was obtained. The test data are presented on Plates 2 and 3, Percolation Testing Field Log.

The drop that occurred in the final reading over the time interval is the pre-adjusted percolation rate, expressed in inch/hour. The pre-adjusted percolation rate was reduced by dividing it by a reduction factor to account for the discharge of water from both the sides and bottom of the hole.

The following formula was used to determine the infiltration rate:

Infiltration Rate = (Pre-adjusted Percolation Rate)/(Reduction Factor)

Reduction Factor (R_f) = $((2d_1 - \Delta d) / Dia) + 1$

where: d_1 = Initial Water Depth (in.)

Δd = Water Level Drop of the Final Reading or Stabilized Rate (in.)

Dia = Diameter of the hole (in.)

Based on the test result, the infiltration rate was calculated as follows:

PT-1

Reduction Rate = {((2*180)-12)/8}+1
= 44.5

The Infiltration Rate = 24/44.5
= 0.54 inch/hour

PT-2

Reduction Rate = {((2*180)-14)/8}+1
= 44.25

The Infiltration Rate = 28/44.25
= 0.63 inch/hour

CONCLUSION & RECOMENDATIONS

Based on the result of the percolation tests, the site is suitable for the stormwater infiltration from a geotechnical engineering viewpoint. Recommendations are provided as follows:

1. The onsite stormwater infiltration drainage system may be designed utilizing the infiltration rate of 0.54 inch/hour.

2. A minimum distance of 10 feet in any directions shall be provided from the building foundations and property lines to the proposed infiltration system.

3. The potential for creating perched water conditions that may adversely affect the proposed structures is nil due to the onsite permeable soils.

Sincerely,

PACIFIC GEOTECH, INC.

Paul S. Kim, PE, GE.
RGE No. 2066

REGISTERED PROFESSIONAL ENGINEER
PAUL SUNGKYO KIM
No. 2066
Exp. Date 6/30/16
GEOTECHNICAL
STATE OF CALIFORNIA

PERCOLATION TESTING FIELD LOG

Boring/Excavation Percolation Testing Field Log

Date 05/06/2014

Project Location 1700 W. Olympic Blvd, Los Angeles
Earth Description fine to coarse, clayey sand
Tested by AC
Liquid Description Tap Water
Measurement Method Measuring Tape

Boring/Test Number PT-1
Diameter of Boring 8-inch **Diameter of Casing** 4-inch
Depth of Boring 40 feet
Depth to Invert of BMP 25 feet below grade
Depth to Water Table
Depth to Initial Water Depth (d_1) 180 inches

Time Interval Standard
Start Time for Pre-Soak 05/05/2014
Start Time for Standard 12:36

Water Remaining In Boring (Y/N) Yes
Standard Time Interval Between Readings 30 minutes

Reading Number	Time Start/End (hh:mm)	Elapsed Time Δtime (mins)	Water Drop During Standard Time Interval Δd (inches)	Percolation Rate for Reading (in/hr)	Soil Description/Notes/Comments
1	12:36 13:06	30	16	32	
2	13:18 13:48	30	13	26	
3	14:02 14:32	30	12	24	

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-P	PLATE 2

PERCOLATION TESTING FIELD LOG

Boring/Excavation Percolation Testing Field Log

Date 05/06/2014

Project Location 1700 W. Olympic Blvd, Los Angeles
Earth Description silty clay to fine, silty to clayey sand
Tested by AC
Liquid Description Tap Water
Measurement Method Measuring Tape

Boring/Test Number PT-2
Diameter of Boring 8-inch **Diameter of Casing** 4-inch
Depth of Boring 40 feet
Depth to Invert of BMP 25 feet below grade
Depth to Water Table
Depth to Initial Water Depth (d_1) 180 inches

Time Interval Standard
Start Time for Pre-Soak 05/05/2014
Start Time for Standard 12:48

Water Remaining In Boring (Y/N) Yes
Standard Time Interval Between Readings 30 minutes

Reading Number	Time Start/End (hh:mm)	Elapsed Time Δtime (mins)	Water Drop During Standard Time Interval Δd (inches)	Percolation Rate for Reading (in/hr)	Soil Description/Notes/Comments
1	12:48 13:18	30	20	40	
2	13:32 14:02	30	13	26	
3	14:15 14:45	30	13	26	

PROJECT LOCATION	1700 W. Olympic Blvd Los Angeles, California	PROJECT No. 1203-P	PLATE 3

Appendix C. Geological Environmental Hazards Assessment (GEHA)

Appendices

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February 2020 | Geologic and Environmental Hazards Assessment Report

1700 WEST OLYMPIC BOULEVARD, LOS ANGELES, CALIFORNIA 90015

for Bright Star Schools

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PLACEWORKS

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1. Introduction

1.1 INTRODUCTION

The State of California's standards for school site selection are found in Title 5 of the California Code of Regulations (CCR) Section 14010, and additional codes and regulations applicable to school facilities that are found in the Education, Government and Public Resources Codes (Ed. Code, Gov't Code and PRC, respectively). This study provides an assessment and supporting documentation of State school facility standards applicable to State-funded new school buildings (SFPD 4.07, Part 4C) and modernization projects (SFPD 4.08B, Section 1).

The California Environmental Quality Act (CEQA) requires lead agencies to address the environmental impacts of a project on the environment. These are separate and distinct from the issues addressed in this study, which deal with a site's ability to provide a safe and healthy environment for the school. Documentation of the project's environmental impacts under CEQA is provided under separate cover.

1.2 PROJECT LOCATION

The project site is located at the southwest corner of the intersection of West Olympic Boulevard and Beacon Avenue in Los Angeles, Los Angeles County, California. The approximately one-acre proposed school site is at 1700 West Olympic Boulevard (Assessor Parcel Number 5137-017-014) in the Pico Union neighborhood within the City of Los Angeles in Los Angeles County, California. Michael Watson of PlaceWorks performed a site reconnaissance on January 31, 2020 to confirm the current site conditions. Figure 1, *Regional Location*, Figure 2, *Local Vicinity*, and Figure 3, *Aerial Photograph*, respectively show the project site from regional, local and aerial perspectives.

1.3 PROJECT DESCRIPTION

Bright Star Schools (BSS) is proposing to acquire the one-acre site for proposed school development. This Geologic and Environmental Hazards Assessment (GEHA) is intended to determine if there are any "fatal flaws" at this site.

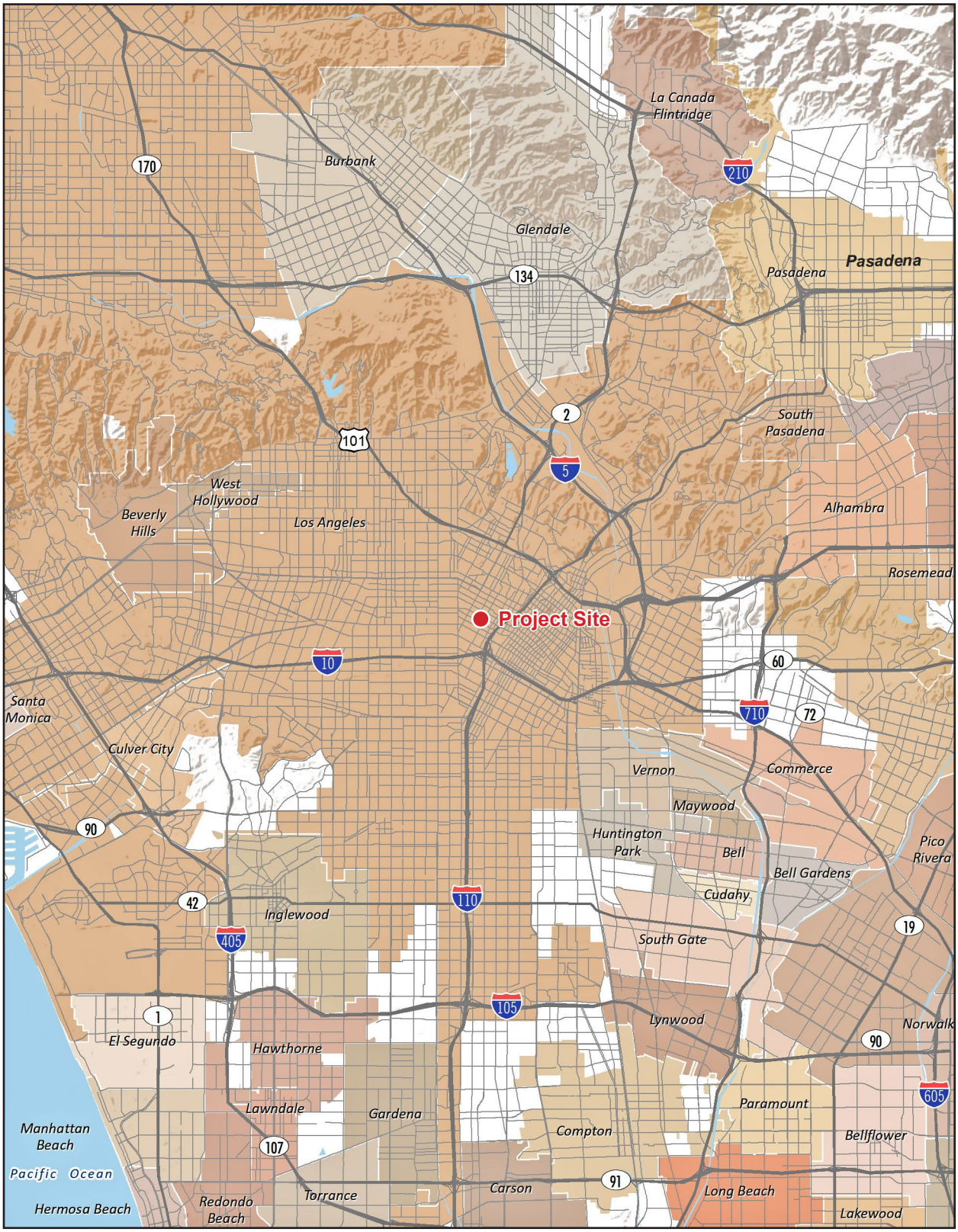
1.4 CONCLUSIONS AND RECOMMENDATIONS

Based on a review of various information sources contained in this report, the environmental health and safety hazards evaluated for this report are not expected to create a significant hazard. One issue is recommended for further review. Based on a review of South Coast Air Quality Management District's (SCAQMD's) Facility Information Detail database, there are twenty facilities identified within a quarter mile. Although many of these facilities are no longer active, eight boilers, two charbroilers and a gasoline service

1. Introduction

station warrant further evaluation. A grid search request was filed with SCAQMD in November 2019, and to date a response has not been received. The forthcoming response from SCAQMD may identify other facilities that may have been left off the database. A Health Risk Assessment is recommended to evaluate the likelihood for potential hazardous air emissions impacts at the site.

Figure 1 - Regional Location



Note: Unincorporated county areas are shown in white.

0 3
Scale (Miles)

Source: ESRI, 2020

1. Introduction

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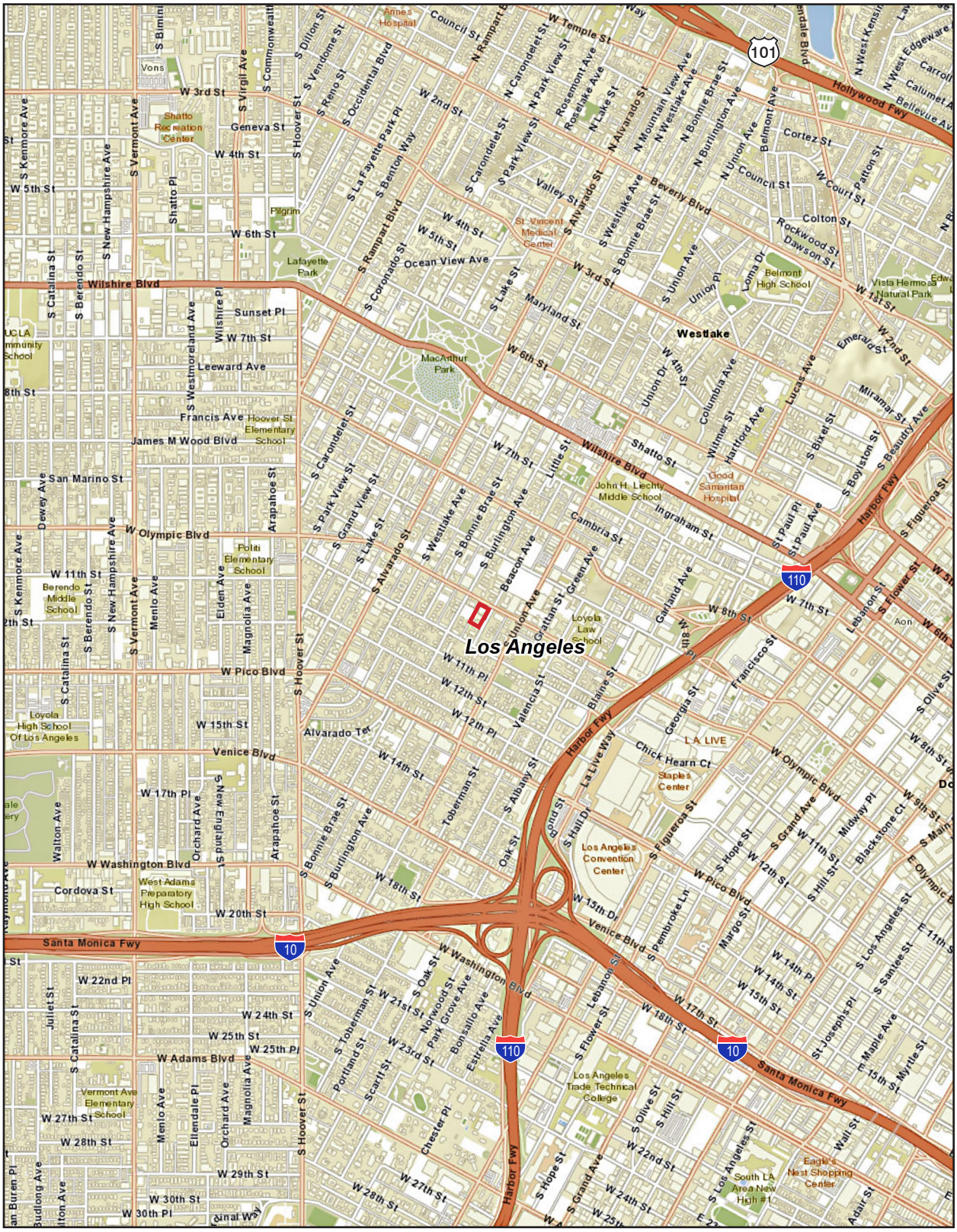
Figure 2 - Local Vicinity



Project Boundary

0 2,000
Scale (Feet)

Source: ESRI, 2020

1. Introduction

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Figure 3 - Aerial Photograph

Project Boundary

0 60
Scale (Feet)

Source: Nearmap, 2020

1. Introduction

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2. Environmental Checklist

2.1 STATE STANDARDS FOR SCHOOL FACILITIES

The State of California's standards for school site selection are found in Title 5 of the California Code of Regulations (CCR) Section 14010 and additional codes and regulations applicable to school facilities are found in the Education, Government and Public Resources Codes (Ed. Code, Gov't Code and PRC, respectively). The following checklist provides a list of questions and code citations related to State-funded school site modernization approvals.

STATE STANDARDS CHECKLIST FOR STATE-FUNDED SCHOOL FACILITIES—
SCHOOL PLAN/MODERNIZATION APPROVAL
(Documentation for SFPD 4.07, Part 4 C and SFPD 4.08 B, Section 1)

Topic	Code References
Air Quality	
Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the school?	Ed. Code § 17213(c)(2)(C); CCR Title 5 § 14010(q)
Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?	Ed. Code § 17213(b); CCR Title 5 § 14010(q)
Geology and Soils	
Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?	Ed. Code, §17212 and §17212.5; CCR Title 5 §14010(f)
Would the project involve the construction, reconstruction, or relocation of any school building on a pressure ridge or the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?	Ed. Code §17212.5
Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction, landslides, or expansive soils?	CCR, Title 5 §14010(i) School Site Selection and Approval Guide, Appendix H
Are naturally occurring asbestos minerals located at the site?	School Site Selection and Approval Guide, Appendix H

2. Environmental Checklist

STATE STANDARDS CHECKLIST FOR STATE-FUNDED SCHOOL FACILITIES—
SCHOOL PLAN/MODERNIZATION APPROVAL
(Documentation for SFPD 4.07, Part 4 C and SFPD 4.08B, Section 1)

Topic	Code References
Hazards and Hazardous Materials	
Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?	CCR, Title 5 § 14010 (h)
Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?	CCR, Title 5 § 14010 (c)
If prepared, has the risk assessment been performed with a focus on children's health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the schoolsite?	Ed. Code § 17210.1(a)(3)
If a response action is necessary and proposed as part of this project, has it been developed to be protective of children's health, with an ample margin of safety?	Ed. Code § 17210.1(a)(4)
Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?	CCR, Title 5 § 14010 (t)
Hydrology and Flooding	
Is the project site subject to flooding or tank/dam inundation or street flooding?	Ed. Code § 17212 and 17212.5; CCR, Title 5 § 14010 (g) School Site Selection and Approval Guide, Appendix H
Land Use and Planning	
Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?	Ed. Code § 17213; Gov't. Code § 65402; CCR, Title 5 § 14010 (m)
Are there easements on or adjacent to the site that would restrict access or building placement?	CCR, Title 5 § 14010(r)
Has the district considered environmental factors of light, wind, noise, aesthetics, and air pollution in its site selection process?	CCR, Title 5 § 14010(q)
Noise	
Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?	CCR, Title 5 § 14010 (e)
Public Services	
Does the site promote joint use of parks, libraries, museums, and other public services?	CCR, Title 5, § 14010 (o)
Is the site conveniently located for public services, including but not limited to fire protection, police protection, public transit and trash disposal wherever feasible?	CCR, Title 5, § 14010 (p)
Transportation/Traffic	
Are traffic and pedestrian hazards mitigated per Caltrans' School Area Pedestrian Safety manual?	CCR, Title 5 § 14010 (l)
Is the proposed school site within 1,500 feet of a railroad track easement?	CCR, Title 5 § 14010 (d)
Is the proposed school site within two nautical miles, measured by air line, of that point on an airport runway or potential runway included in an airport master plan that is nearest to the site? (Does not apply to school sites acquired prior to January 1, 1966.)	Ed. Code § 14010 (d)

School building "means and includes any building used, or designed to be used, for elementary or secondary school purposes and constructed, reconstructed, altered, or added to…" (Ed. Code § 17283).

3. Environmental Analysis

Section 2.1 provided a checklist of the State of California's health and safety standards for school sites. This section provides documentation and an evaluation of applicable standards.

3.1 AIR QUALITY

3.1.1 Is the boundary of the proposed school site within 500 feet of the edge of the closest traffic lane of a freeway or busy traffic corridor? If yes, would the project create an air quality health risk due to the placement of the school?

No Significant Hazard. Public Resources Code Section 21151.8(b)(9) and Education Code Section 17213(d)(9) define a "freeway or other busy traffic corridors" as roadways that on an average day have traffic in excess of 50,000 vehicles in a rural area or 100,000 vehicles in an urban area. The site is located over 1,900 feet from State Route 110 (Harbor Freeway), which is located southeast of the site. Olympic Boulevard at the intersection with Union Avenue was reported to have a daily traffic volume of 32,296 vehicles per day in 2018 (City of Los Angeles 2020). There are no freeways or busy traffic corridors within 500 feet of the site.

3.1.2 Would the project create an air quality hazard due to the placement of a school within one-quarter mile of: (a) permitted and non-permitted facilities identified by the jurisdictional air quality control board or air pollution control district; (b) freeways and other busy traffic corridors; (c) large agricultural operations; and/or (d) a rail yard, which might reasonably be anticipated to emit hazardous air emissions, or handle hazardous or acutely hazardous material, substances, or waste?

No Significant Hazard. A request for a list of facilities that have the potential to emit hazardous air emissions was sent to South Coast Air Quality Management District (SCAQMD) in November 2019 and at the time of this report, a response has not been received. Based on a review of SCAQMD's Facility Information Detail (FIND) database, there are twenty facilities within a quarter mile of the site (SCAQMD 2020). Although many of the facilities are no longer active, there are two charbroilers and a gasoline service station that will need further evaluation. The forthcoming response from SCAQMD may identify other facilities that may have been left off the database. A Health Risk Assessment is recommended to assess these facilities.

Based on a review of Google Earth Pro (2020) and a site reconnaissance, there are no large agricultural operations, or rail yards within a quarter mile of the site. The Harbor Freeway, also known as State Route 110, is located over 1,900 feet southeast of the site.

3.2 GEOLOGY AND SOILS

The Site and vicinity are depicted on the 2018 United States Geologic Survey (USGS) Hollywood, California 7.5 Minute Quadrangle. The geographic coordinates for the subject site are 34.04944 north latitude and 118.27604 west longitude. The elevation of the subject site is approximately 250 feet above sea level. The topography in the vicinity of the Site is gently sloping to the south. The subject site sits atop late to middle Pleistocene alluvial fan deposits (Yerkes and Campbell 2005).

3.2.1 Does the site contain an active earthquake fault or fault trace, or is the site located within the boundaries of any special studies zone or within an area designated as geologically hazardous in the safety element of the local general plan?

No Significant Hazard. The site is not within or immediately adjacent (i.e., within a few hundred feet) to an Alquist-Priolo Earthquake Fault Zone (California Geological Survey [CGS] 2019). The nearest fault is the Puente Hills Blind Thrust located at depth (over three miles below ground surface) approximately 20 feet northeast of the site (City of Los Angeles Zoning Information and Map Access System [ZIMAS] 2020). The nearest Alquist-Priolo Earthquake Fault Zone is the Hollywood Fault located approximately 4.0 miles north (CGS 2019). Based on a review of ZIMAS, the site is not on or within 1,500-feet of a known active fault or geologically hazardous area (ZIMAS 2020).

3.2.2 Would the project involve the construction, reconstruction, or relocation of any school building on a pressure ridge or the trace of a geological fault along which surface rupture can reasonably be expected to occur within the life of the school building?

No Significant Hazard. The site is not within or immediately adjacent (i.e., within a few hundred feet) to an Alquist-Priolo Earthquake Fault Zone (CGS 2019). The nearest Alquist-Priolo Earthquake Fault Zone is located approximately 4.0 miles north of the site. Based on a review of readily-available geologic literature, the site is not on a pressure ridge, and there are no known active faults on or immediately adjacent to the site (Jennings and Bryant 2010). On this basis, the potential for tectonic fault rupture at the site is considered negligible.

3.2.3 Would the project involve the construction, reconstruction, or relocation of any school building on a site subject to moderate-to-high liquefaction, landslides, or expansive soils?

No Significant Hazard. Liquefaction refers to loose, saturated sand, or gravel deposits that lose their load-supporting capability when subjected to intense shaking. Liquefaction potential varies based upon three main contributing factors: 1) cohesionless, granular soils having relatively low densities (usually of Holocene age); 2) shallow groundwater (generally less than 50 feet); and 3) moderate to high seismic ground shaking.

Based on seismic hazard mapping by CGS (2014), the site is not susceptible to liquefaction. In addition, the project will be evaluated for the potential for liquefaction under the oversight of CGS and Division of the State Architect [DSA]. The Geotechnical Engineer of Record for the project will provide recommendations and design standards to mitigate potential hazards associated with liquefaction. Therefore, the project will not expose people or the new school buildings to adverse effects associated with liquefaction.

Landsliding is a type of erosion in which masses of earth and rock move down slope as a single unit. Susceptibility of slopes to landslides and other forms of slope failure depend on several factors. These factors are usually present in combination and include steep slopes, condition of rock and soil materials, the presence of water, formational contacts, geologic shear zones, and seismic activity.

Based seismic hazard mapping by on CGS (2014), the site has no susceptibility for landslides or debris flows. In addition, the site is in an area with gently sloping topography. Therefore, the project will not expose people or the new school building to adverse effects associated with landslides.

Expansive soils swell when they become wet and shrink when they dry out, resulting in the potential for cracked building foundations and in some cases, structural distress of the buildings themselves. In each case, minor to severe damage to overlying structures is possible. The site is located on Pleistocene-age alluvium, which may be moderately indurated (Yerkes and Campbell 2005). In addition, since the site is a proposed school site, CGS and DSA will ensure that the buildings are sufficiently mitigated for the condition. Therefore, the project will not expose people or the new school buildings to adverse effects associated with expansive soils.

3.2.4 Are naturally occurring asbestos minerals located at the site?

No Significant Hazard. Based on available data, no naturally-occurring serpentine rock or rock formations that may contain a significant quantity of asbestos are located in within 10 miles of the site (CGS 2000; Van Gosen and Clinkenbeard 2011). The nearest outcrop of serpentine rock is located on Santa Catalina Island offshore and south of the site.

3.3 HAZARDS AND HAZARDOUS MATERIALS

3.3.1 Is the proposed school site located near an aboveground water or fuel storage tank or within 1,500 feet of an easement of an aboveground or underground pipeline that can pose a safety hazard to the site?

Aboveground Water or Fuel Storage Tank

No Significant Hazard. No aboveground water or fuel storage tanks were identified within a 1,500-foot radius, based on a site reconnaissance (PlaceWorks 2020), and review of Google Earth Pro (2020) and a topographic map (USGS 2018). The development of the project will not create a new hazard or exacerbate the current conditions.

Hazardous Substance Pipelines

No Significant Hazard. There are no petroleum or chemical pipelines within a 1,500-foot radius, according to the National Pipeline Mapping System (online mapping database (NPMS 2019). Based on a review of online mapping at the Southern California Gas Company website and a response from Southern California Gas Company, there are no high-pressure natural gas pipelines located within 1,500 feet of the site. Copies of the agency responses are included in Appendix A.

3. Environmental Analysis

Sewer and Water Pipelines

No Significant Hazard. Based on City of Los Angeles Water and Power Water Service Maps, five large volume (≥12 inch diameter) water lines are located within 1,500 feet of the project site (Appendix A). A 24-inch diameter water line is located beneath 12th Street. A 20-inch diameter water line is located beneath 8th Street. In addition, a 12-inch diameter water lines are located beneath Union Avenue, 11th Street and James M. Wood Boulevard. A Water Pipeline Analysis was conducted for these water pipelines and is included in Appendix B. The Water Pipeline Analysis concluded that none of the large volume water lines would flood the school site, and all water from a release on any of the lines would be contained within existing street curbing.

3.3.2 Is the property line of the proposed school site less than the following distances from the edge of respective power line easements: (1) 100 feet of a 50–133 kV line; (2) 150 feet of a 220–230 kV line; or (3) 350 feet of a 500–550 kV line?

No Significant Hazard. Southern California Edison stated that the site is outside of its normal service area, and no power lines owned by Edison are located in the site vicinity. The Los Angeles Department of Water and Power (LADWP) stated that they do not have any power lines that meet the Title 5 criteria within the respective setback distances. The agency responses are included in Appendix A.

3.3.3 If prepared, has the risk assessment been performed with a focus on children's health posed by a hazardous materials release or threatened release, or the presence of naturally occurring hazardous materials on the school site?

No Significant Hazard. A Phase I Environmental Site Assessment is currently being prepared for the site. In addition, as stated in Section 3.2.4, there are no naturally-occurring asbestos deposits in the vicinity of the site.

3.3.4 If a response action is necessary and proposed as part of this project, has it been developed to be protective of children's health, with an ample margin of safety?

No Significant Hazard. The Phase I Environmental Site Assessment will determine if any additional actions are necessary at the site. However, if an action response was needed it would be developed to be protective of children's health, with an ample margin of safety.

3.3.5 Is the proposed school site situated within 2,000 feet of a significant disposal of hazardous waste?

No Significant Hazard. Based on a radius report of environmental databases, the project is not within 2,000 feet of a significant disposal of hazardous waste (EDR 2019).

3.4 HYDROLOGY AND FLOODING

3.4.1 Is the project site subject to flooding or tank/dam inundation or street flooding?

No Significant Hazard. According to the FEMA Map Service Center website and California Office of Emergency Services maps (2015), the site does not lie within a 100-year flood zone or within a dam inundation zone. As stated in Section 3.3.1, there are no water tanks within 1,500 feet of the site.

A seiche is an oscillating surface wave in a restricted or enclosed body of water, generated by ground motion, usually during an earthquake. Seiches are of concern relative to water storage facilities, because inundation from a seiche can occur if the wave overflows a containment wall, such as the wall of a reservoir, water storage tank, dam, or other artificial body of water. As there are no large bodies of water on, or topographically upgradient in the immediate vicinity of the subject site, seiching is not considered to be a potential hazard for the site.

Tsunamis are a type of earthquake-induced flooding produced by large-scale sudden disturbances of the sea floor. Tsunami waves interact with the shallow sea floor bathymetry upon approaching a landmass, resulting in an increase in wave height, and a destructive run-up (wave surge) into low-lying coastal areas. Based on the elevation of the site and the distance from the ocean, the potential for tsunamis at the site is negligible. Project implementation would not expose people or structures to adverse effects associated with flooding or inundation.

3.5 LAND USE AND PLANNING

3.5.1 Would the proposed school conflict with any existing or proposed land uses, such that a potential health or safety risk to students would be created?

No Significant Hazard. As shown in the aerial photograph in Figure 3, the project site is in an area characterized with residential, educational, and commercial development. Properties within a quarter-mile radius of the site are generally zoned for residential, institutional, and commercial/industrial. Based on a review of ZIMAS, the site is currently zoned for community commercial use and is not in a historic perseveration area (ZIMAS 2020). Therefore, there is no significant hazard to the project.

3.5.2 Are there easements on or adjacent to the site that would restrict access or building placement?

No Significant Hazard. According to ZIMAS there are no easements are located on the project site. Therefore, there is no significant hazard to the project.

3.5.3 Has the district considered environmental factors of light, wind, noise, aesthetics, and air pollution in its site selection process?

Light and Wind

No Significant Hazard. The project site would be exposed to standard climate conditions experienced by Los Angeles, California, which is generally characterized by Mediterranean conditions. Based on a wind rose

3. Environmental Analysis

created for downtown Los Angeles, the predominant wind direction is from the southwest, with the average wind speed at 5.4 miles per hour and wind speeds rarely exceeding 20 miles per hour (AQMD 2003). As applicable, operation of the proposed project would consider these environmental conditions. Therefore, project implementation would not expose site occupants to adverse light or wind conditions.

Aesthetics

No Significant Hazard. Project development would not degrade the existing visual character of the site. The project site is in an area with residential, school, church, and commercial land uses. Development of the proposed project would be consistent with the surrounding land uses. The character and quality of the site would not be incompatible with the nearby structures.

Air Pollution

No Significant Hazard. Public Resources Code Section 21151.8 and Education Code Section 17213 prohibit the approval of a project involving acquisition of a school site unless the following occur:

1. Consultation with an air pollution control district or air quality management district indicates that permitted and non-permitted facilities (including, but not limited to, freeways and other busy traffic corridors, large agricultural operations, and railyards, within one-fourth of a mile of the proposed school site that might be reasonably be anticipated to emit hazardous air emissions, or to handle hazardous or extremely hazardous materials, substances, or waste) or significant pollution sources do not exist; or

2. The facilities or other pollution sources exist, but one of the following conditions applies:

   A. The health risks from the facilities or other pollution sources do not and will not constitute an actual or potential endangerment of public health to persons who would attend or be employed at the school.

   B. The governing board finds that corrective measures required under an existing order by another government entity that has jurisdiction over the facilities or other pollution sources will, before the school is occupied, result in the mitigation of all chronic or accidental hazardous air emissions to levels that do not constitute an actual or potential endangerment of public health to persons who would attend or be employed at the proposed school. If the governing board makes this finding, the governing board shall also make a subsequent finding, prior to the occupancy of the school, that the emissions have been mitigated to these levels.

   C. For a school site with a boundary that is within 500 feet of the edge of the closest traffic lane of a freeway or other busy traffic corridor, the governing board of the school district determines, through analysis pursuant to paragraph (2) of subdivision (b) of Section 44360 of the Health and Safety Code, based on appropriate air dispersion modeling, and after considering any potential mitigation measures, that the air quality at the proposed site is such that neither short-term nor long-term exposure poses significant health risks to pupils.

   D. The governing board finds that neither of the conditions set forth in subparagraph (B) or (C) can be met, and the school district is unable to locate an alternative site that is suitable due to a severe shortage

of sites that meet the requirements in subdivision (a) of Section 17213. If the governing board makes this finding, the governing board shall adopt a statement of Overriding Considerations pursuant to Section 15093 of Title 14 of the California Code of Regulations.

As stated in Section 3.1.2, based on a review of FIND, there are twenty facilities identified within a quarter mile of the site (SCAQMD 2020). Although many of these facilities are no longer active, eight boilers, two charbroilers and a gasoline service station warrant further evaluation. The forthcoming response from South Coast Air Quality Management District may identify other facilities that may have been left off the database. In addition, there are no freeways or busy traffic corridors within 500 feet of the site.

3.6 NOISE

3.6.1 Is the proposed school site located adjacent to or near a major arterial roadway or freeway whose noise generation may adversely affect the educational program?

No Significant Hazard. The project site is located northwest of the SR-110 freeway, but the freeway is located over 1,900 feet southeast of the site. The site is bounded by residential property to the north and south, a church to the east, and an office building to the west of the site. The proposed project would not exacerbate the current noise conditions at the site.

3.7 PUBLIC SERVICES

3.7.1 Does the site promote joint use of parks, libraries, museums, and other public services?

No Significant Hazard. The site could be made available for public use as the scheduling of scholastic purposes allow, in accordance with BSS policies, and the Civic Center Act. No impacts to nearby public facilities and services would occur as a result of the proposed project. No significant impacts would occur as a result of the proposed project.

3.7.2 Is the site conveniently located for public services, including but not limited to fire protection, police protection, public transit and trash disposal wherever feasible?

No Significant Hazard. The project site is under the jurisdiction of the Olympic Community Police Station located about 0.8 miles west of the project site. The closest fire station is located 0.4 mile north of the site. The project site will have regularly scheduled trash collection and access to public transit. The school is conveniently located to public services. The project site is located in a developed area. The project site will have regularly scheduled trash collection and access to public transit. There is no significant hazard.

3.8 TRANSPORTATION / TRAFFIC

3.8.1 Are traffic and pedestrian hazards mitigated per Caltrans' School Area Pedestrian Safety manual?

No Significant Hazard. Based on existing conditions, the future project is not expected to have any significant traffic or pedestrian hazards to overcome.

3. Environmental Analysis

3.8.2 Is the proposed school site within 1,500 feet of a railroad track easement?

No Significant Hazard. Based on a review of Google Earth, the site is not located within 1,500 feet of a railroad track easement.

3.9 EXEMPTIONS TO SITING STANDARDS

3.9.1 Is the district seeking any exemptions to the standards found in CCR, Title 5, § 14010(c-i), (l), (m), (q), (c), (t)?

No Significant Hazard. BSS is not seeking any exemptions to the standards found in CCR, Title 5 § 14010(c) through (t).

4. Conclusions and Recommendations

Based on the review of geologic and environmental hazards that could potentially be a "fatal flaw" for the site, no known potential geologic or environmental hazards exist at the site that would disqualify the site for the proposed school improvements. A Phase I Environmental Site Assessment is currently being conducted for the project. If the Phase I Environmental Site Assessment indicates conditions requiring additional action, an addendum to this report will be prepared. In addition, a Health Risk Assessment is recommended for the proposed school site.

4. Conclusions and Recommendations

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5. References

5.1 PRINTED REFERENCES

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5.2 RECONNAISSANCE

PlaceWorks, 2020. Site reconnaissance by Mr. Michael Watson on January 31, 2020.

5.3 WEBSITES

California Department of Toxic Substances Control, 2019. EnviroStor website. http://www.envirostor.dtsc.ca.gov/public/.

5. References

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South Coast Air Quality Management District (AQMD), 2020. Facility Information Detail (FIND) database, http://www.aqmd.gov/home/tools/public/find.

Zoning Information and Map Access System (ZIMAS), 2020. City of Los Angeles online database, http://zimas.lacity.org/.

6. List of Preparers

6.1 LEAD AGENCY

Bright Star Schools
600 S. La Fayette Park Place
Los Angeles, CA 90057

6.2 PLACEWORKS

PlaceWorks
2850 Inland Empire Boulevard, Suite B
Ontario, CA 91764
Tel: 909.989.4449

Michael Watson, PG
Associate Geologist

6. List of Preparers

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Appendix A - Agency Records

Appendix

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City of Los Angeles
Department of City Planning

11/19/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

None

ZIP CODES

None

RECENT ACTIVITY

None

CASE NUMBERS

CPC-2013-3834-GPA-ZC-HD-CU-CUB-SPR
CPC-2001-5912-ICO
CPC-1995-237-CRA
CPC-1986-605-GPC
CPC-1978-27716
ORD-83552
ORD-77161
ORD-183450
ORD-174609
ORD-164625-SA6700
ORD-152007
ENV-2013-3835-MND
ENV-2013-3392-CE
ENV-2001-5913-CE-ICO
MND-97-135-CUZ-YV

Address/Legal Information	
PIN Number	130-5A203 338
Lot/Parcel Area (Calculated)	1,146.8 (sq ft)
Thomas Brothers Grid	PAGE 634 - GRID C4
Assessor Parcel No. (APN)	5137017014
Tract	MILLER AND HERRIOTTS RESUBDIVISION OF WEST HALF OF MRS. FITZGERALD'S TRACT
Map Reference	M R 54-35
Block	None
Lot	FR 25
Arb (Lot Cut Reference)	None
Map Sheet	129A203
	130-5A203
Jurisdictional Information	
Community Plan Area	Westlake
Area Planning Commission	Central
Neighborhood Council	Pico Union
Council District	CD 1 - Gilbert Cedillo
Census Tract #	2095.20
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	(Q)C4-2D
Zoning Information (ZI)	ZI-2452 Transit Priority Area in the City of Los Angeles
	ZI-2374 LOS ANGELES STATE ENTERPRISE ZONE
General Plan Land Use	Community Commercial
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	None
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No
Streetscape	No

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(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Adaptive Reuse Incentive Area	None
Affordable Housing Linkage Fee	
Residential Market Area	Medium
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Tier 3
RPA: Redevelopment Project Area	None
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	Active: 10th Street Elementary School
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5137017014
APN Area (Co. Public Works)*	1.010 (ac)
Use Code	2700 - Commercial - Parking Lot (Commercial Use Property) - Lots - Patron or Employee - One Story
Assessed Land Val.	$4,954,330
Assessed Improvement Val.	$112,596
Last Owner Change	03/04/2013
Last Sale Amount	$4,500,045
Tax Rate Area	36
Deed Ref No. (City Clerk)	713527-31
	688220
	682200
	4-764
	4-31
	4-30
	4-29
	4-28
	367205
	323534
	29538
	276282
	1547007
	1510431
	1270776
	1186957
	1175626
	1175625
	1175624
	1042647
	1-38
	1
Building 1	No data for building 1
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No

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Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	0.0059673744
Nearest Fault (Name)	Puente Hills Blind Thrust
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	0.70000000
Slip Geometry	Reverse
Slip Type	Moderately / Poorly Constrained
Down Dip Width (km)	19.00000000
Rupture Top	5.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	25.00000000
Maximum Magnitude	7.10000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	No
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	None
Hubzone	Qualified
Opportunity Zone	No
Promise Zone	None
State Enterprise Zone	LOS ANGELES STATE ENTERPRISE ZONE
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Rampart
Reporting District	275
Fire Information	
Bureau	Central
Batallion	11
District / Fire Station	11
Red Flag Restricted Parking	No

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CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2013-3834-GPA-ZC-HD-CU-CUB-SPR
Required Action(s):	CU-CONDITIONAL USE CUB-CONDITIONAL USE BEVERAGE-ALCOHOLI GPA-GENERAL PLAN AMENDMENT HD-HEIGHT DISTRICT SPR-SITE PLAN REVIEW ZC-ZONE CHANGE
Project Descriptions(s):	GENERAL PLAN AMENDMENT TO COMMUNITY COMMERCIAL, ZONE CHANGE TO C4 FOR THE REAR PORTION OF THE PROPERTY, HEIGHT DISTRICT CHANGE TO 2D, CONDITIONAL USE FOR A HOTEL USE WITHIN 500 FT. OF AN R ZONE, CONDITIONAL USE FOR THE SALE OF ALCOHOLIC BEVERAGES IN A CAFE/BAR AND RESTAURANT, CONDITIONAL USE FOR RELIEFS FROM THE COMMERCIAL CORNER DEVELOPMENT, SITE PLAN REVIEW FOR A PROJECT HAVING 50 OR MORE UNITS.
Case Number:	CPC-2001-5912-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	
Case Number:	CPC-1995-237-CRA
Required Action(s):	CRA-COMMUNITY REDEVELOPMENT AGENCY
Project Descriptions(s):	PRELIMINARY PLAN FOR THE PROPOSED FIRST AMENDMENT TO THE REDEVELOPMENT PLAN FOR THE PICO UNION REDEVELOPMENT PROJECT AREA NO.2
Case Number:	CPC-1986-605-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WESTLAKE AREA- COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT (D. GREEN/BOWMAN)
Case Number:	CPC-1978-27716
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ENV-2013-3835-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	GENERAL PLAN AMENDMENT TO COMMUNITY COMMERCIAL, ZONE CHANGE TO C4 FOR THE REAR PORTION OF THE PROPERTY, HEIGHT DISTRICT CHANGE TO 2D, CONDITIONAL USE FOR A HOTEL USE WITHIN 500 FT. OF AN R ZONE, CONDITIONAL USE FOR THE SALE OF ALCOHOLIC BEVERAGES IN A CAFE/BAR AND RESTAURANT, CONDITIONAL USE FOR RELIEFS FROM THE COMMERCIAL CORNER DEVELOPMENT, SITE PLAN REVIEW FOR A PROJECT HAVING 50 OR MORE UNITS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2001-5913-CE-ICO
Required Action(s):	CE-CATEGORICAL EXEMPTION ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	
Case Number:	MND-97-135-CUZ-YV
Required Action(s):	CUZ-ALL OTHER CONDITIONAL USE CASES YV-HEIGHT AND DENSITY ADJUSTMENTS 20% OR MORE
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-83552

ORD-77161

ORD-183450

ORD-174609

ORD-164625-SA6700

ORD-152007

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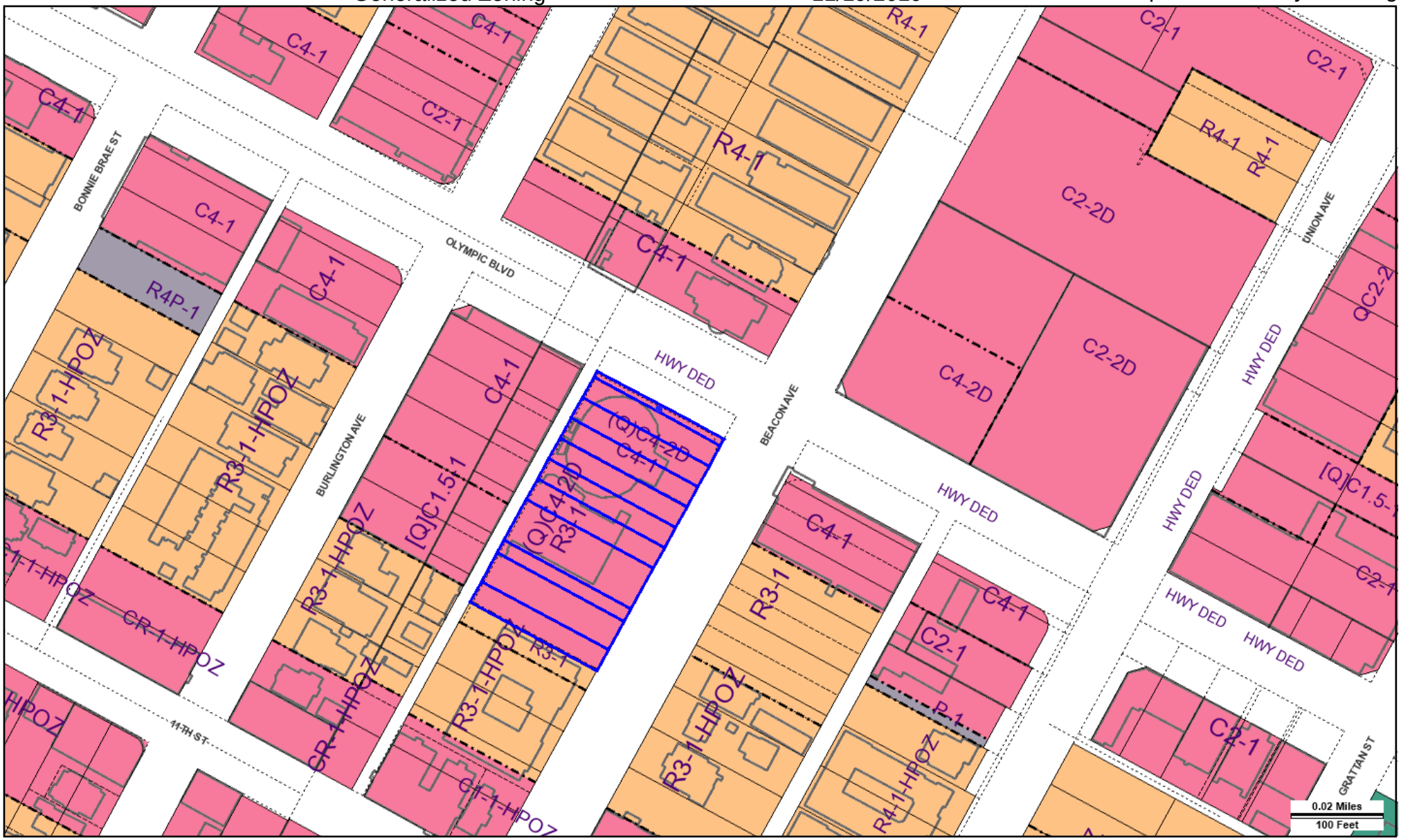
ZIMAS PUBLIC

Generalized Zoning

11/19/2019

City of Los Angeles
Department of City Planning



Address: undefined

Tract: MILLER AND HERRIOTTS RESUBDIVISION OF WEST HALF OF MRS. FITZGERALD'S TRACT

Zoning: (Q)C4-2D

APN: 5137017014

Block: None

General Plan: Community Commercial

PIN #: 130-5A203 338

Lot: FR 25

Arb: None

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Wells

1700 W OLYMPIC BOULEVARD, Pico, Los Angeles

ATTDSOUTH - AT&T - DISTRIBUTION
EMERGENCY
ATT DAMAGE PREVENTION HOTLINE
510-645-2929
VACUUM
AT&T DAMAGE PREVENT HOTLINE
510-645-2929
NO RESPONSE
Information Not Available

CITYLA - CITY OF LOS ANGELES
EMERGENCY
FRONT OFFICE STAFF
323-913-4744

VACUUM
FELIPE RODRIGUEZ
4550 SANTA MONICA BLVD, LOS ANGELES, CA 90029
323-913-4723
FELIPE.RODRIGUEZ@LACITY.ORG
NO RESPONSE
FRONT OFFICE
323-913-4744

HPCOMMLAX - HP COMMUNICATIONS INC - LAX
EMERGENCY
MATTHEW LIPSON
4400 E WASHINGTON BLVD, LOS ANGELES, CA 90023
951-226-4267
MATTHEW.LIPSON@HPCOMMINC.COM
VACUUM
MATTHEW LIPSON
4400 E WASHINGTON BLVD, LOS ANGELES, CA 90023
951-226-4267
MATTHEW.LIPSON@HPCOMMINC.COM
NO RESPONSE
MATTHEW LIPSON
4400 E WASHINGTON BLVD, LOS ANGELES, CA 90023
951-226-4267
MATTHEW.LIPSON@HPCOMMINC.COM

LAWP3 - LADWP-WTR & ELECT
EMERGENCY
LOCATING OFFICE
1350 S. WALL ST., LOS ANGELES, CA 90015
213-367-6428

VACUUM
LOCATING OFFICE
1350 S WALL ST, LOS ANGELES, CA 90015
213-367-6428
NO RESPONSE
LOCATING OFFICE
1350 S. WALL ST., LOS ANGELES, CA 90015
213-367-6428

MCISOCAL - MCI (VERIZON BUSINESS)

EMERGENCY
FIBER SECURITY DEPT
800-624-9675

VACUUM
MCI OPERATOR
800-289-3427
NO RESPONSE
MANAGER FIBER SECURITY
800-289-3427

SCG32M - SC GAS - JUANITA

EMERGENCY
LEAD DISPATCHER
800-427-8894
VACUUM
NO PERMISSION REQUIRED
NO RESPONSE
BRIAN JACKSON
310-605-4151
BJACKSON@SEMPRAUTILITIES.COM

UCHTRW_N1 - SPECTRUM - ARIZONA CIRCLE

EMERGENCY
SPECTRUM DAMAGE ONLY
EMERGENCY ONLY - NO LOCATES,
844-780-6054
VACUUM
NATASCHA FUCSIK
6357 ARIZONA CIR, LOS ANGELES, CA 90045
310-216-3545
NATASCHA.FUCSIK@CHARTER.COM
NO RESPONSE
NATASCHA FUCSIK
6357 ARIZONA CIR, LOS ANGELES, CA 90045
310-216-3545
NATASCHA.FUCSIK@CHARTER.COM

UGELECT - CROWN CASTLE INC.

EMERGENCY

CROWN CASTLE NOC
888-632-0931
SCN.NOC@CROWNCASTLE.COM

VACUUM

FIBER DIG TEAM SCN NOC
2000 CORPORATE DR, CANONSBURG, PA 15317
888-632-0931
FIBER.DIG@CROWNCASTLE.COM

NO RESPONSE

JEFF FOUTZ
1500 CORPORATE DR, CANONSBURG, PA
724-416-2957
JEFFREY.FOUTZ@CROWNCASTLE.COM

UQSTSO - UTILIQUEST MAIN RECEIVING

EMERGENCY

Information Not Available

VACUUM

Information Not Available

NO RESPONSE

Information Not Available

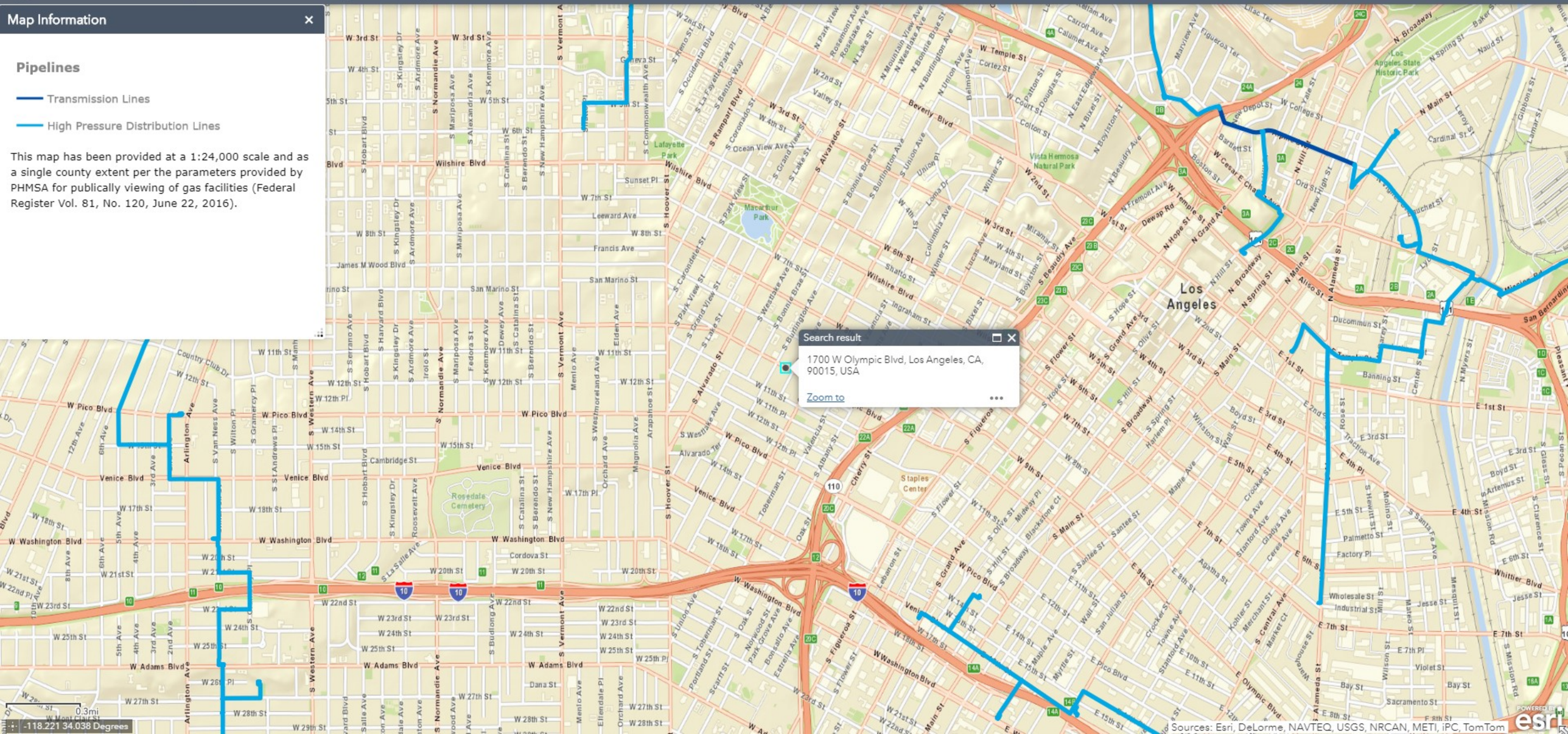
Gas Transmission Pipeline Interactive Map - Los Angeles

Map Information

Pipelines

- Transmission Lines
- High Pressure Distribution Lines

This map has been provided at a 1:24,000 scale and as a single county extent per the parameters provided by PHMSA for publically viewing of gas facilities (Federal Register Vol. 81, No. 120, June 22, 2016).



Mike Watson

From: SoCalGasTransmissionUtilityRequest <SoCalGasTransmissionUtilityRequest@semprautilities.com>
Sent: Thursday, December 05, 2019 1:15 PM
To: Mike Watson
Subject: RE: Title 5 Information Request for 1700 W. Olympic Blvd, LA

Good afternoon,

Your request has been received and placed in our queue to be reviewed. A response will be sent within 30 days of the date received.

Please note – As-built maps, location specific data, and pipeline attributes will not be provided.

Thank you,

SoCalGas Transmission Department

SoCalGas
A Sempra Energy utility

PLEASE VISIT OUR INTERACTIVE WEBSITE TO VIEW OUR HIGH PRESSURE DISTRIBUTION AND TRANSMISSION LINES: SOCALGAS - NATURAL GAS PIPELINE MAP.

TO HELP THE ENVIRONMENT AND TO EXPEDITE RESPONSES, PLEASE SEND FUTURE PROJECTS AND CORRESPONDING ATTACHMENTS VIA EMAIL: SoCalGasTransmissionUtilityRequest@semprautilities.com

Please allow up to 30 days to receive a response to all future utility requests

NOTICE: This message is covered by the Electronic Communications Privacy Act, Title 18, United States Code, Sections 2510-2521. This e-mail and any attached files are the exclusive property of Sempra Energy and the sender, are deemed privileged and confidential, and are intended solely for the use of the individual(s) or entity to whom this e-mail is addressed. If you are not one of the named recipient(s) or believe that you have received this message in error, please delete this e-mail and any attachments and notify the sender immediately. Any other use, re-creation, dissemination, forwarding or copying of this e-mail is strictly prohibited and may be unlawful.

From: Mike Watson <mwatson@placeworks.com>
Sent: Tuesday, December 3, 2019 12:14 PM
To: NorthwestDistributionUtilityRequest <NorthwestDistributionUtilityRequest@semprautilities.com>; SoCalGasTransmissionUtilityRequest <SoCalGasTransmissionUtilityRequest@semprautilities.com>
Cc: Jackson, Brian R. <BJackson@socalgas.com>
Subject: [EXTERNAL] Title 5 Information Request for 1700 W. Olympic Blvd, LA

*** EXTERNAL EMAIL - Be cautious of attachments, web links, and requests for information ***

Pacific Charter School Development is evaluating a site for a potential charter school located at 1700 W. Olympic Boulevard in the Pico-Union neighborhood of Los Angeles. In compliance with CCR Title V Section 14010(h), they have contracted the services of PlaceWorks to complete a safety hazard assessment related to high pressure (over 80 psig) natural gas pipelines located within a 1,500-foot radius of the site. The site is about one acre in size.

This letter requests the location and diameter of all high-pressure (i.e. 80 psig or greater) natural gas pipelines operated by Sempra Energy/Southern California Gas Company located within a 1,500-foot radius of the site.

I have attached a map that shows the site highlighted in red and an approximately 1,500-foot radius around the site in yellow.

The Client contact for this project is:

Saman Bravo-Karimi, Bright Star School Support Team
600 S. La Fayette Park Place
Los Angeles, CA 90057

Pacific Charter School Development is trying to determine whether or not this parcel would be a viable school site for children. Please let me know as soon as possible if high-pressure natural gas pipelines are located within 1,500 feet of the site, and if present, the pressure of these pipelines. Or, if this is not the correct email to be sending such a request, could you please help direct this inquiry to the proper division.

Thank you for your assistance,

MICHAEL J. WATSON, PG
Associate Geologist
Professional Geologist CA #8177

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764
909.989.4449 | mwatson@placeworks.com | placeworks.com

This email originated outside of Sempra Energy. Be cautious of attachments, web links, or requests for information.

PLACEWORKS

The Gas Company

A Sempra Energy utility™

Date: 12/11/2019

ATTN: Mike Watson

Project Title: 1700 W Olympic Blvd-Safety Hazard assessment
Permit No. N/A

The Gas Company Compton Northwest Region has assigned, Plan File No. 43-19-1167 to this project. Please refer to the above Plan File number in all future correspondence.

According to our GIS Database, there are no High Pressure Pipelines (over 60 psig) within a 1500 foot radius of your proposed school location.

If applicable, it is imperative that we receive any subsequent changes and final signed plans including profiles as soon as they are available. If gas construction is requested or required, it may involve substantial planning and construction time. Your plans will be retained for a 24 month period. Please inform us if your plans should be retained for a longer period. Any damage to Gas Company facilities must be reported immediately to our Call Center at 1-800-427-2200.

Sincerely,

Francisco Fernandez LPA
Technical Services, Northwest Region
The Gas Company
310 223-5835
FFernandez@socalgas.com

Perez, William

From: NorthwestDistributionUtilityRequest
Sent: Wednesday, December 4, 2019 12:07 PM
To: SCG-ComptonUtilityRequest
Subject: FW: Title 5 Information Request for 1700 W. Olympic Blvd, LA
Attachments: Site Location.pdf

THE GAS
DEC 10 19
COMPANY

Juanita district.

From: Mike Watson <mwatson@placeworks.com>
Sent: Tuesday, December 3, 2019 12:14 PM
To: NorthwestDistributionUtilityRequest <NorthwestDistributionUtilityRequest@semprautilities.com>; SoCalGasTransmissionUtilityRequest <SoCalGasTransmissionUtilityRequest@semprautilities.com>
Cc: Jackson, Brian R. <BJackson@socalgas.com>
Subject: [EXTERNAL] Title 5 Information Request for 1700 W. Olympic Blvd, LA

*** EXTERNAL EMAIL - Be cautious of attachments, web links, and requests for information ***

Pacific Charter School Development is evaluating a site for a potential charter school located at 1700 W. Olympic Boulevard in the Pico-Union neighborhood of Los Angeles. In compliance with CCR Title V Section 14010(h), they have contracted the services of PlaceWorks to complete a safety hazard assessment related to high pressure (over 80 psig) natural gas pipelines located within a 1,500-foot radius of the site. The site is about one acre in size.

This letter requests the location and diameter of all high-pressure (i.e. 80 psig or greater) natural gas pipelines operated by Sempra Energy/Southern California Gas Company located within a 1,500-foot radius of the site.

I have attached a map that shows the site highlighted in red and an approximately 1,500-foot radius around the site in yellow.

The Client contact for this project is:

Saman Bravo-Karimi, Bright Star School Support Team
600 S. La Fayette Park Place
Los Angeles, CA 90057

Pacific Charter School Development is trying to determine whether or not this parcel would be a viable school site for children. Please let me know as soon as possible if high-pressure natural gas pipelines are located within 1,500 feet of the site, and if present, the pressure of these pipelines. Or, if this is not the correct email to be sending such a request, could you please help direct this inquiry to the proper division.

Thank you for your assistance,

MICHAEL J. WATSON, PG

Mike Watson

From: Phil Hung <Phil.Hung@sce.com>
Sent: Tuesday, December 03, 2019 2:33 PM
To: Mike Watson
Cc: Ann Almonte
Subject: RE: (External):FW: Title 5 Information Request for 1700 West Olympic Blvd, LA

Hi Mike,

No, there are no SCE facilities in the vicinity. It is in the LADWP service territory. Thanks.

Phil Hung, P.E.
Senior Advisor
Safety, Security, and Business Resiliency | Edison Safety
T. 626-633-3415 | PAX 43415

G.O. 5 - 1515 Walnut Grove Ave, Rosemead CA 91770

EDISON | Energy for What's Ahead

From: Mike Watson <mwatson@placeworks.com>
Sent: Tuesday, December 3, 2019 2:24 PM
To: Phil Hung <Phil.Hung@sce.com>
Subject: (External):FW: Title 5 Information Request for 1700 West Olympic Blvd, LA

Hi Phil,

I'm just checking to see if Edison has any lines near the site (see attached). I sent a request to LADWP already (see below).

Thank you,

MICHAEL J. WATSON, PG
Associate Geologist
Professional Geologist CA #8177

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764
909.989.4449 | mwatson@placeworks.com | placeworks.com

From: Mike Watson

PLACEWORKS

Sent: Tuesday, December 03, 2019 2:21 PM
To: nadia.parker@ladwp.com

Cc: michael.simpson@ladwp.com
Subject: Title 5 Information Request for 1700 West Olympic Blvd, LA

Good Afternoon,

Pacific Charter School Development has contracted PlaceWorks to complete a safety hazard report related to powerlines around a proposed school site located at 1700 West Olympic Boulevard in the Pico-Union neighborhood of Los Angeles.

I have attached a map with the site location marked in red.

Given the following parameters, could you help me determine if the site is located near power transmission or distribution lines operated by LADWP:

The property line of the site shall be at least the following distance from the edge of respective power line easements:

(1) 100 feet for 50-133 kV line.
(2) 150 feet for 220-230 kV line.
(3) 350 feet for 500-550 kV line.

Thank you so much for your help, please contact me if you have any questions or need more information!

MICHAEL J. WATSON, PG
Associate Geologist
Professional Geologist CA #8177

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764
909.989.4449 | mwatson@placeworks.com | placeworks.com

PLACEWORKS

Mike Watson

From: Simpson, Michael <Michael.Simpson@ladwp.com>
Sent: Wednesday, December 04, 2019 2:22 PM
To: Parker, Nadia
Cc: Nevarez, David
Subject: RE: [EXTERNAL] Title 5 Information Request for 1700 West Olympic Blvd, LA

Hello,

For the site: 1700 West Olympic Boulevard, Los Angeles, CA 90015

The closest underground transmission line, River-Market, to the proposed site is approximately 1.78 miles. It is powered at 230 kV.
The closest overhead transmission line, Atwater-Velasco, to the proposed site is approximately 2.82 miles. It is powered at 230 kV.
The closest distribution station, Distribution Station 75, is approximately 0.23 miles away (3200 feet).

Note that all distribution stations and local distribution lines will be less than 50 kV.
Please let me know if more information is needed.

Thank You,

Michael Simpson

From: Mike Watson [mailto:mwatson@placeworks.com]
Sent: Tuesday, December 3, 2019 2:21 PM
To: Parker, Nadia
Cc: Simpson, Michael
Subject: [EXTERNAL] Title 5 Information Request for 1700 West Olympic Blvd, LA

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Good Afternoon,

Pacific Charter School Development has contracted PlaceWorks to complete a safety hazard report related to powerlines around a proposed school site located at 1700 West Olympic Boulevard in the Pico-Union neighborhood of Los Angeles.

I have attached a map with the site location marked in red.

Given the following parameters, could you help me determine if the site is located near power transmission or distribution lines operated by LADWP:

The property line of the site shall be at least the following distance from the edge of respective power line easements:

(1) 100 feet for 50-133 kV line.
(2) 150 feet for 220-230 kV line.

(3) 350 feet for 500-550 kV line.

Thank you so much for your help, please contact me if you have any questions or need more information!

MICHAEL J. WATSON, PG
Associate Geologist
Professional Geologist CA #8177

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764
909.989.4449 | mwatson@placeworks.com | placeworks.com

PLACEWORKS

Mike Watson

From: Ramos, Luisito <Luisito.Ramos@ladwp.com>
Sent: Wednesday, December 04, 2019 8:44 AM
To: Mike Watson
Cc: Patterson, Mark
Subject: Title 5 Request for 1700 W. Olympic Blvd, LA
Attachments: W128-201-CPRA.PDF; W128-204-CPRA.PDF; W130-201-CPRA.PDF; W130-204-CPRA.PDF

Mr. Watson,

Good morning.

Per your request, attached are copies of our Water Service Maps that show existing LADWP water facilities located within the 1,500 feet radius of the proposed school that you specified in your email below.

Please let us know if you have any questions.

From: Patterson, Mark
Sent: Tuesday, December 3, 2019 1:57 PM
To: Ramos, Luisito
Cc: Gardiner, Denise
Subject: FW: [EXTERNAL] Title 5 Request for 1700 W. Olympic Blvd, LA

Luis,

Can you please assist Mike. See email below. Project is in Harbor.

Thank you,

Mark Patterson
LADWP Water Distribution Associate Engineer
(213) 367-1219

Water Distribution Standards Link

From: Mike Watson [mailto:mwatson@placeworks.com]
Sent: Tuesday, December 3, 2019 1:19 PM
To: Patterson, Mark
Subject: [EXTERNAL] Title 5 Request for 1700 W. Olympic Blvd, LA

EXTERNAL EMAIL! This email was generated from a non-LADWP address. If any links exist, do not click/open on them unless you are 100% certain of the associated site or source. ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Dear Mr. Patterson,

Pacific Charter School Development, in compliance with CCR Title V Section 14010 (h), has contracted the services of PlaceWorks to complete safety hazard assessments related to water pipelines 12-inches in diameter or greater located

within a 1,500-foot radius of a prospective school site in the Pico-Union neighborhood of Los Angeles. The site is about an acre in size located at 1700 West Olympic Boulevard. This letter requests the location and diameter of all water lines 12-inches in diameter or greater and pressurized sewer lines operated by the City of Los Angeles located within a 1,500-foot radius of the site. I have attached a map with the site highlighted in red and a yellow circle showing an approximate 1,500-foot radius around the site.

The Client contact for this project is:

Saman Bravo-Karimi, Bright Star School Support Team
600 S. La Fayette Park Place
Los Angeles, CA 90057

Thank you so much for your help, and please contact me if you have any questions or need more information.

MICHAEL J. WATSON, PG
Associate Geologist
Professional Geologist CA #8177

2850 Inland Empire Boulevard, Suite B | Ontario, California 91764
909.989.4449 | mwatson@placeworks.com | placeworks.com

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130-201

128-198

128-204

The Los Angeles Department of Water and Power (LADWP) assumes no responsibility for the accuracy of the substructure information herein provided. The user assumes responsibility for verifying substructure locations before excavation and assumes all liabilities for damage to LADWP facilities as a result of such excavation. Call Underground Service alert on 1-800-227-2600 two (2) days before excavating.

WaterGIS

126-201

LEGEND MAP SCALE 1" = 1500'	SYMBOLS AND NOTATIONS	SCALE: 1" = 100'	PLOTTED	DATE	CHK'D.	DATE
	AS SHOWN	GIS MAP IN SERVICE	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
		CONVERTED MAINS	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
		CONVERTED SERVICES	JLU	03-29-2006	NAME	xx-xx-xxxx
		MISC	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
		APPROVED				

FIRE HYDRANTS
- 2 1/2" SINGLE
- 2 1/2" S. BUILT UP
- 2 1/2" DOUBLE
- 4" SINGLE
- 4" S. BUILT UP
- 4" DOUBLE
- 2 1/2" x 4" DOUBLE

REFERENCES	
MAPS REPLACED	GATE BK.:
0000 OS	000-000
LARIA AERIAL:	LANDBASE:
	0008c000
DATUM: NAD 1983, ZONE V	
LEVELS: U.S.G.S	

WATER GEOGRAPHIC INFORMATION SYSTEMS & GRAPHICS GROUP
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

WATER SERVICE MAP

SERVICE ZONE ELEVATION: 386 / 446 / 0000 / 0000

DISTRICT: CENTRAL

128-201

Questions or Comments, contact: WaterGIS Group, Rm. 1439, JFB

6/24/2019 11:16:07 AM, dlee

130-204

128-201

128-207

The Los Angeles Department of Water and Power (LADWP) assumes no responsibility for the accuracy of the substructure information herein provided. The user assumes responsibility for verifying substructure locations before excavation and assumes all liabilities for damage to LADWP facilities as a result of such excavation. Call Underground Service alert on 1-800-227-2600 two (2) days before excavating.

WaterGIS

126-204

LEGEND MAP SCALE 1" = 1500'	SYMBOLS AND NOTATIONS	SCALE: 1" = 100'	PLOTTED	DATE	CHK'D.	DATE
	AS SHOWN	GIS MAP IN SERVICE	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
		CONVERTED MAINS	T.CHEN	01-30-2003	NAME	xx-xx-xxxx
		CONVERTED SERVICES	J.LU	03-30-2006	NAME	xx-xx-xxxx
		MISC	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
		APPROVED				

FIRE HYDRANTS
- 2 1/2" SINGLE
- 2 1/2" S. BUILT UP
- 2 1/2" DOUBLE
- 4" SINGLE
- 4" S. BUILT UP
- 4" DOUBLE
- 2 1/2" x 4" DOUBLE

REFERENCES	
MAPS REPLACED	GATE BK.:
0000 OS	000-000
LARIA AERIAL:	LANDBASE:
	000b000
DATUM: NAD 1983, ZONE V	
LEVELS: U.S.G.S	

WATER GEOGRAPHIC INFORMATION SYSTEMS & GRAPHICS GROUP
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

WATER SERVICE MAP

SERVICE ZONE ELEVATION: 386 / 446 / 0000 / 0000

DISTRICT: CENTRAL

128-204

Questions or Comments, contact: WaterGIS Group, Rm. 1439, JFB

6/24/2019 11:22:42 AM, dlee

132-201

130-198

130-204

N.1,840,102

E.6,474,723

128-201

WaterGIS

The Los Angeles Department of Water and Power (LADWP) assumes no responsibility for the accuracy of the substructure information herein provided. The user assumes responsibility for verifying substructure locations before excavation and assumes all liabilities for damage to LADWP facilities as a result of such excavation. Call Underground Service alert on 1-800-227-2600 two (2) days before excavating.

LEGEND MAP
SCALE 1" = 1500'

SYMBOLS AND NOTATIONS	
	AS SHOWN

SCALE: 1" = 100'	PLOTTED	DATE	CHK'D.	DATE
MAP	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
CONVERTED MAINS	D.LEE	01-29-2004	NAME	xx-xx-xxxx
CONVERTED SERVICES	D.LEE	01-09-2006	NAME	xx-xx-xxxx
MISC	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
APPROVED				

FIRE HYDRANTS

- 2 1/2" SINGLE
- 2 1/2" S. BUILT UP
- 2 1/2" DOUBLE
- 4" SINGLE
- 4" S. BUILT UP
- 4" DOUBLE
- 2 1/2" x 4" DOUBLE

REFERENCES

MAPS REPLACED	GATE BK.:
424 NS , 423 NS	133-198 , 133-203
445 NS , 446 NS	
	LANDBASE:
	129A201 , 129A203
	130.5A201 , 130.5A203
DATUM: N.A. 1983, ZONE 5	
LEVELS: U.S.G.S	

WATER GEOGRAPHIC INFORMATION SYSTEMS & GRAPHICS GROUP
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

WATER SERVICE MAP

SERVICE ZONE ELEVATION: 386, 446

DISTRICT: CENTRAL

130-201

Questions or Comments, contact: WaterGIS Group, Rm. 1439, JFB

6/25/2019 10:07:57 AM, dlee

132-204

130-201

130-207

The Los Angeles Department of Water and Power (LADWP) assumes no responsibility for the accuracy of the substructure information herein provided. The user assumes responsibility for verifying substructure locations before excavation and assumes all liabilities for damage to LADWP facilities as a result of such excavation. Call Underground Service alert on 1-800-227-2600 two (2) days before excavating.

WaterGIS

128-204

SYMBOLS AND NOTATIONS	SCALE: 1" = 100'	PLOTTED	DATE	CHK'D.	DATE
AS SHOWN	GIS MAP IN SERVICE	DR:LEE	09-01-2010	C.V.BEAS	09-03-2010
	CONVERTED MAINS	S.TEYMOURI	06-10-2002	NAME	xx-xx-xxxx
	CONVERTED SERVICES	D.LEE	04-17-2006	NAME	xx-xx-xxxx
	MISC	NAME	xx-xx-xxxx	NAME	xx-xx-xxxx
	APPROVED				

FIRE HYDRANTS
- 2 1/2" SINGLE
- 2 1/2" S. BUILT UP
- 2 1/2" DOUBLE
- 4" SINGLE
- 4" S. BUILT UP
- 4" DOUBLE
- 2 1/2" x 4" DOUBLE

REFERENCES	
MAPS REPLACED:	GATE BK.
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446 NS , 447 NS	127-203
LARIA AERIAL GRID:	LANDBASE:
6477_1836b	129a203 , 129a205 , 129a207
	130.5a203 , 130.5a205 , 130.5a207
DATUM: NAD 1983, ZONE V	
LEVELS: U.S.G.S	

WATER GEOGRAPHIC INFORMATION SYSTEMS & GRAPHICS GROUP
DEPARTMENT OF WATER AND POWER
CITY OF LOS ANGELES

WATER SERVICE MAP

SERVICE ZONE ELEVATION: 398, 448

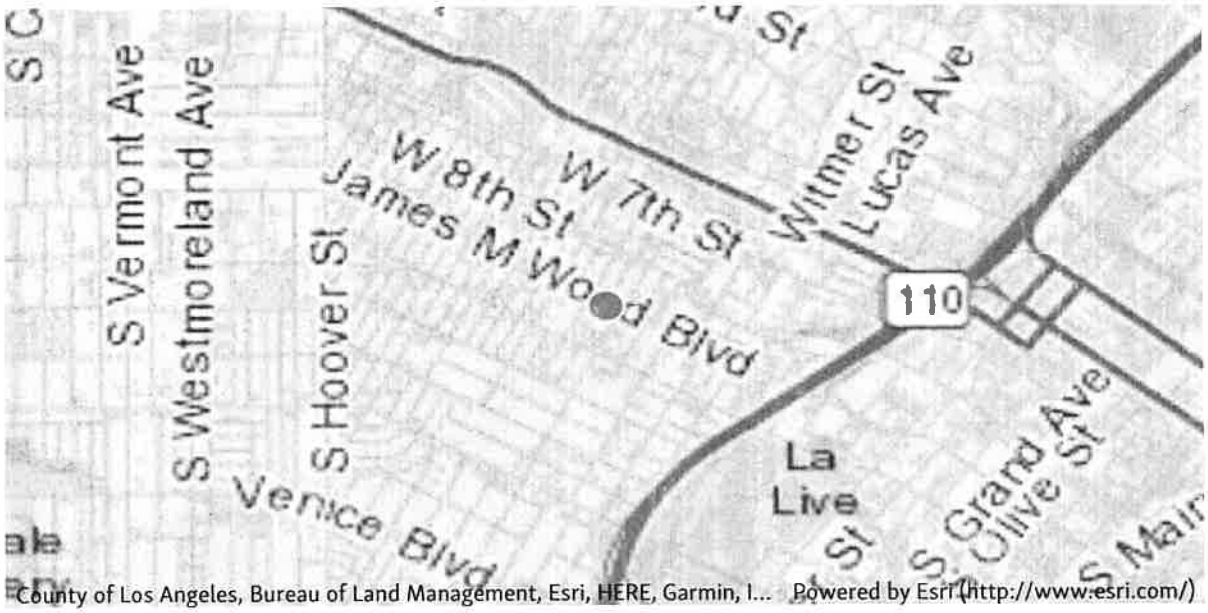
DISTRICT: CENTRAL

130-204

Questions or Comments, contact: WaterGIS Group, Rm. 1439, JFB

6/25/2019 10:12:31 AM, dlee

TEAMSTER LOCAL 203



Address: 1616 W 9TH ST, LOS ANGELES, CA 90015

Facility ID: 49190

Status: ACTIVE

Back Fees Due: No.

SIC Code

8631 LABOR ORGANIZATIONS

Equipment List

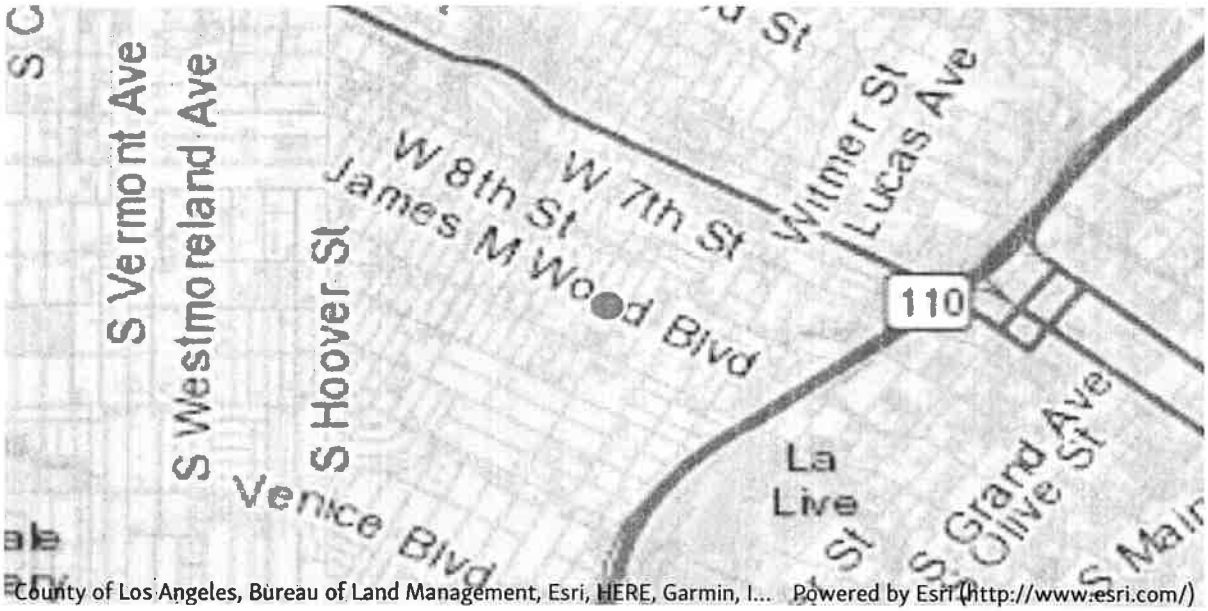
No Equipment Listed

Compliance

Emissions

Applicatio	Permit Nu	Issue Date	Permit Sta	Equipment	Equipment	Applicatio	Applicatio
201221	D52217	4/7/1993	EXPIRED	PRINTING F	Basic	6/1/1989	PERMIT TO OPERATE G
201222	D52218	4/7/1993	INACTIVE	PRINTING F	Basic	6/1/1989	PERMIT TO OPERATE G
201223	D52219	4/7/1993	INACTIVE	PRINTING F	Basic	6/1/1989	PERMIT TO OPERATE G
201224	D74022	6/8/1993	INACTIVE	PRINTING F	Basic	6/1/1989	PERMIT TO OPERATE G

TEAMSTER LOCAL 203



Address: 1616 W 9TH ST, LOS ANGELES, CA 90015

Facility ID: 49190

Status: ACTIVE

Back Fees Due: No.

SIC Code

8631 LABOR ORGANIZATIONS

Equipment List

Compliance

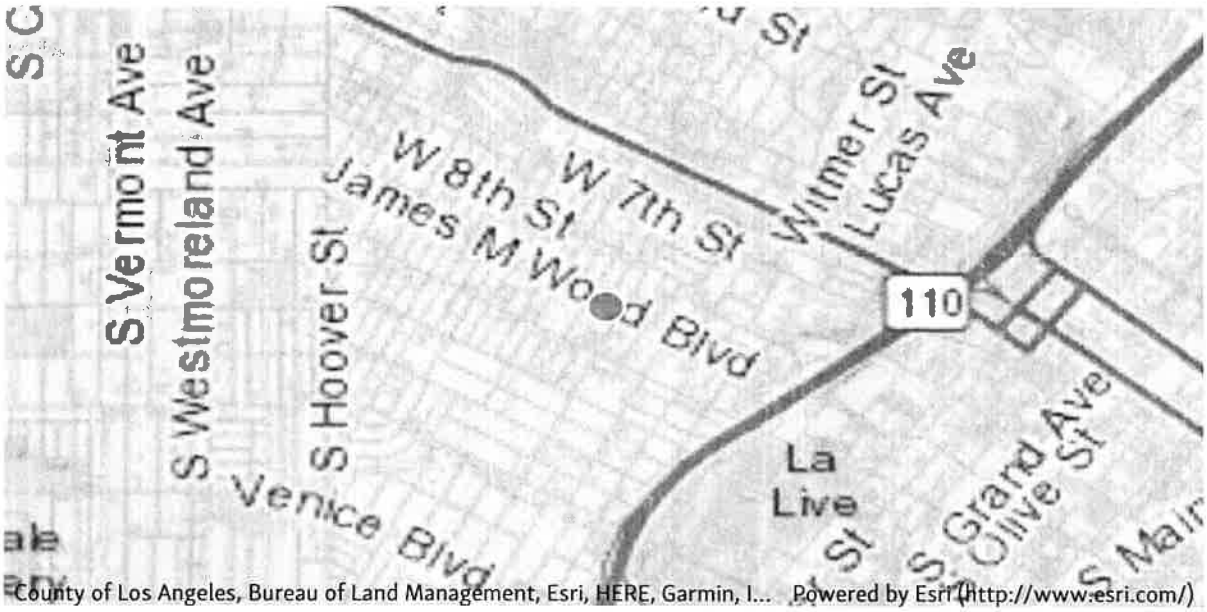
Notices of Violation

NONE

Notices to Comply

NONE

TEAMSTER LOCAL 203



Address: 1616 W 9TH ST, LOS ANGELES, CA 90015

Facility ID: 49190

Status: ACTIVE

Back Fees Due: No.

SIC Code

8631 LABOR ORGANIZATIONS

Equipment List

Compliance

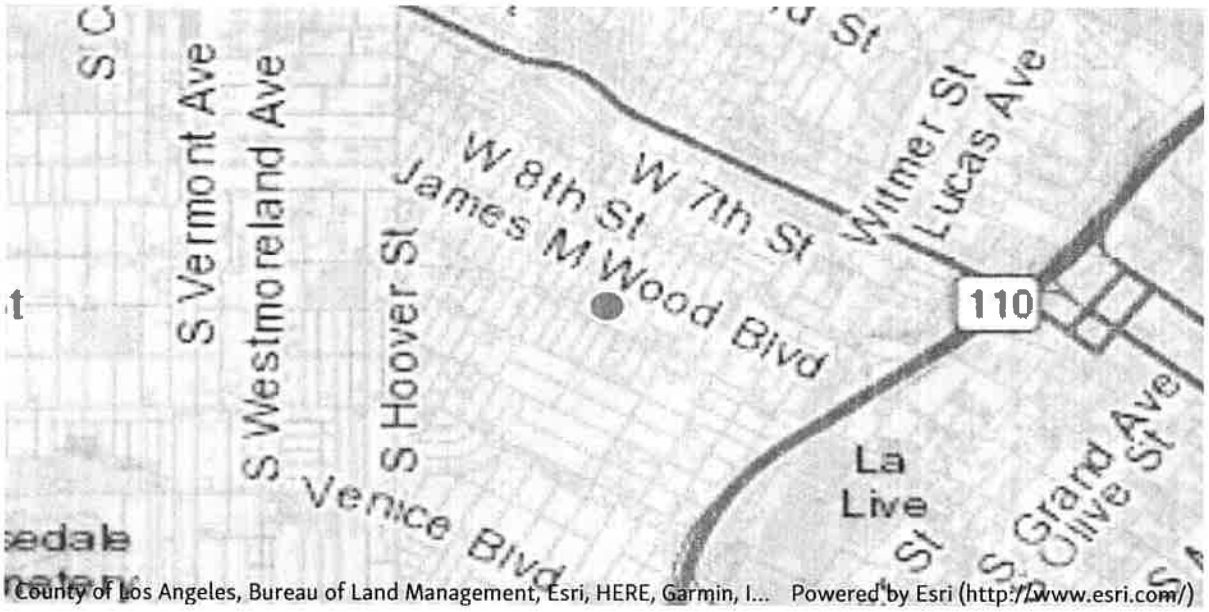
Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

CITY NATIONAL BANK



Address: 1801 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 137083

Status: ACTIVE

Back Fees Due: No.

SIC Code

6021 NATIONAL COMMERCIAL BANKS

Equipment List

Compliance

Emissions

AER Year:

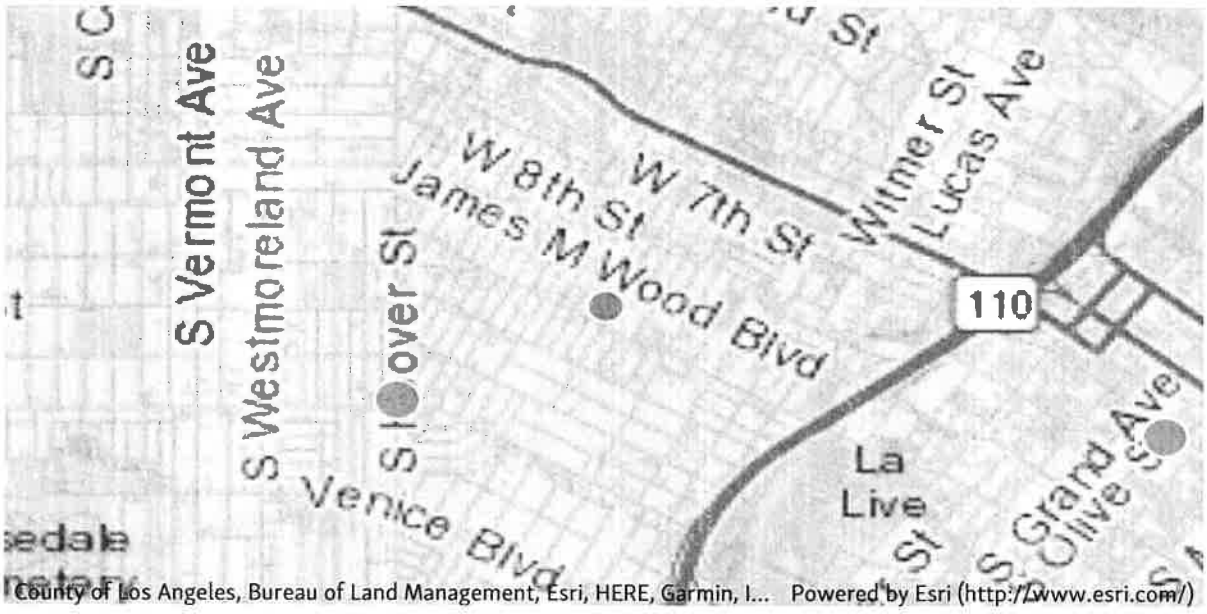
2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

Applicatior	Permit Nur	Issue Date	Permit Stat	Equipment	Equipment	Application Date	Applicatior
417290	F62346	8/1/2003	ACTIVE	I C E (>500	Basic	7/3/2003	PERMIT TO
417291	F62078	7/18/2003	ACTIVE	I C E (50-5C	Basic	7/3/2003	PERMIT TO
417295	F62080	7/18/2003	ACTIVE	I C E (50-5C	Basic	7/3/2003	PERMIT TO
482040				RULE 1415	Basic	4/24/2008	BANKING/ I
486628				RULE 1415	Basic	8/6/2008	APPLICATIC
513599				COMPLIAN	Basic	8/11/2010	APPLICATIC
529019	G18488	6/1/2012	ACTIVE	I C E (>500	Basic	10/28/2011	PERMIT TO
545049				RULE 1415	Basic	11/21/2012	BANKING/ I
549446				MULTI-- ICI	Basic	4/5/2013	APPLICATIC
550851				MULTI-- ICI	Basic	5/7/2013	BANKING/ I
606921				RULE 1415	Basic	8/29/2018	BANKING/ I

Notice Nur	Violation Date	Status	Re-Inspection D
C90513	9/4/2003	In Compliance	5/25/2004
E01156	7/6/2010	In Compliance	8/11/2010
E44973	8/16/2018	In Compliance	8/29/2018

SYSTEMATICS INC



Address: 1801 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 84827

Status: ACTIVE

Back Fees Due: No.

Equipment List

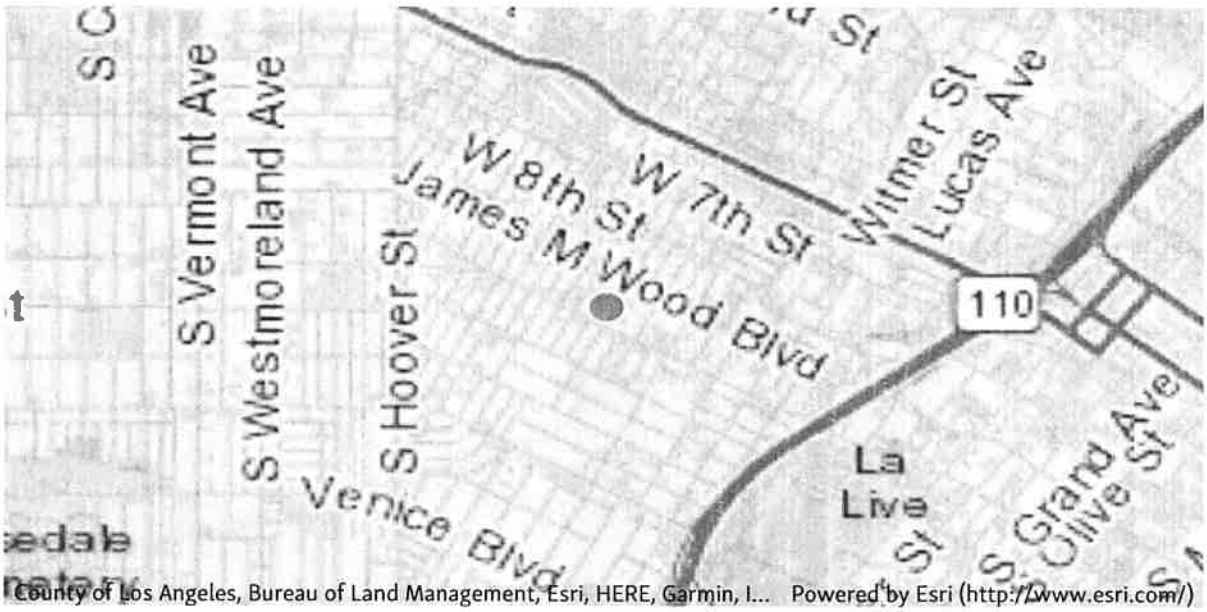
No Equipment Listed

Compliance

Emissions

Hearing Board

SYSTEMATICS INC



Address: 1801 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 84827

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

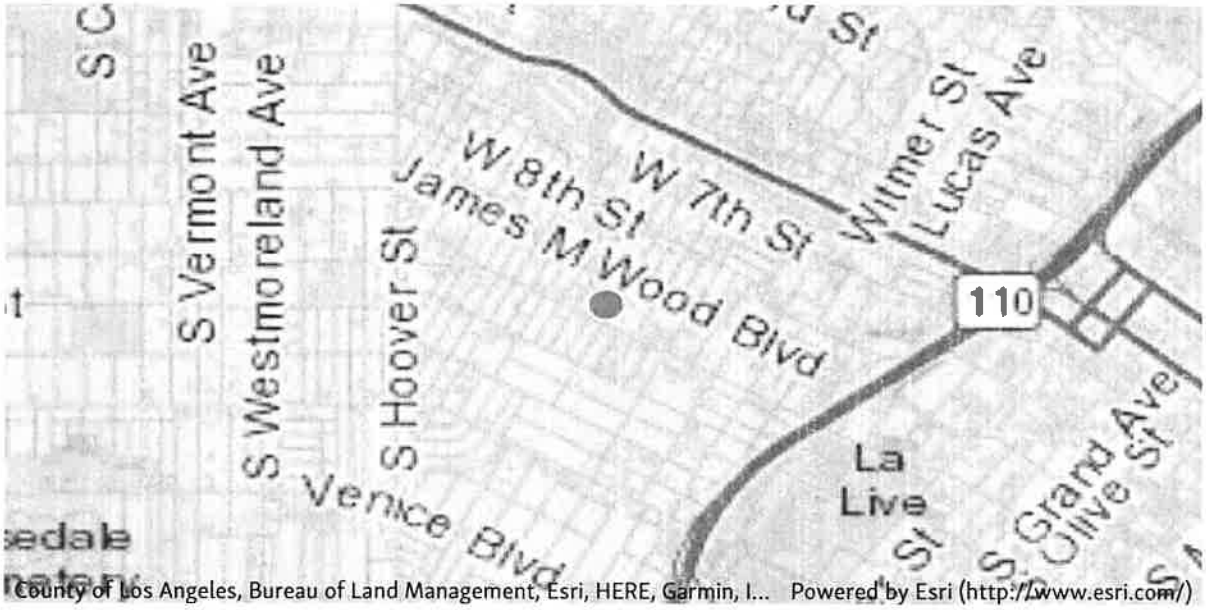
NONE

Notices to Comply

NONE

Emissions

SYSTEMATICS INC



Address: 1801 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 84827

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

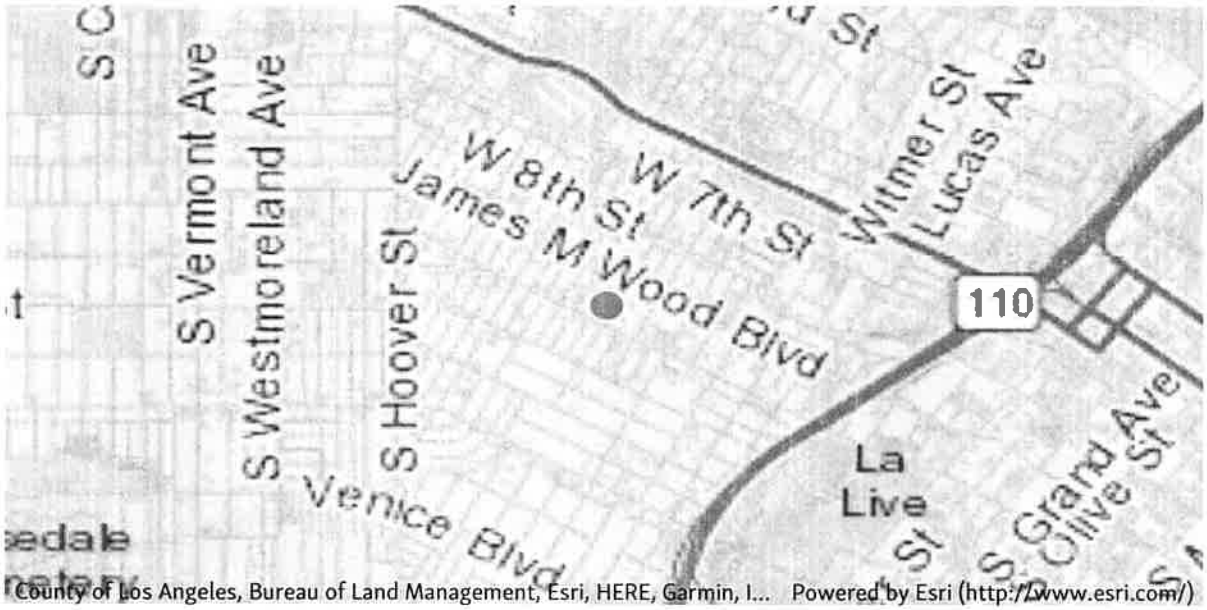
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

SYSTEMATICS INC



Address: 1801 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 84827

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

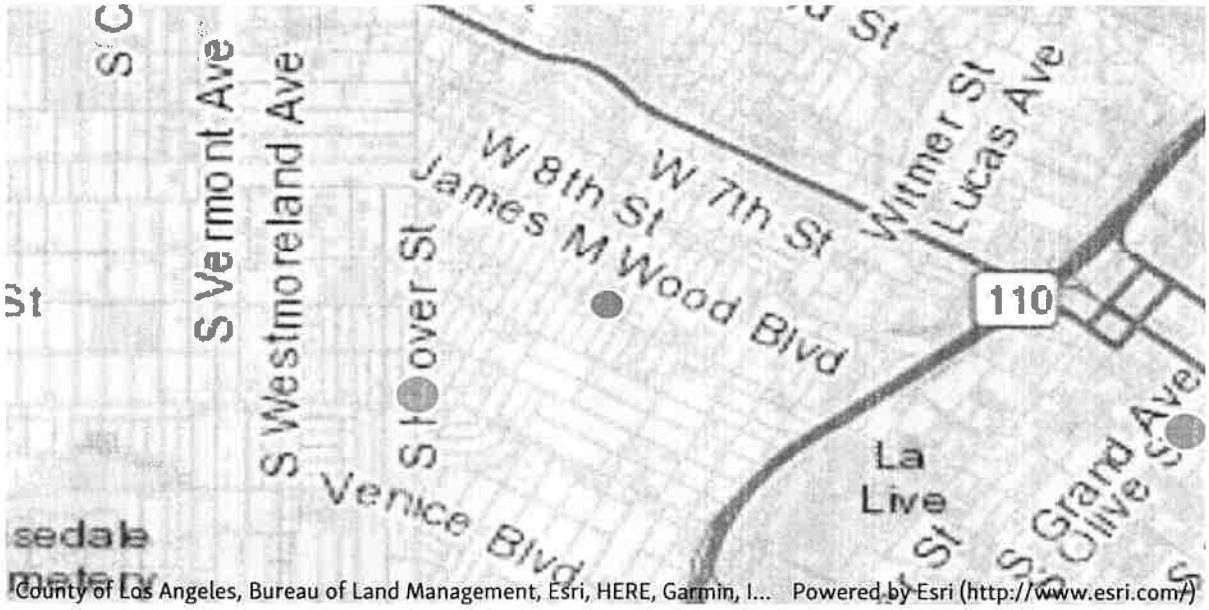
Hearing Board

Transportation

Registration Information

Plan Sequence
5

SUH BIN JANG RESTAURANT, P YI ETAL



Address: 1833 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 73406

Status: ACTIVE

Back Fees Due: No.

SIC Code

5812 EATING PLACES

Equipment List

1 Results

Sort: Application Number

209908 (.EquipmentListModal)

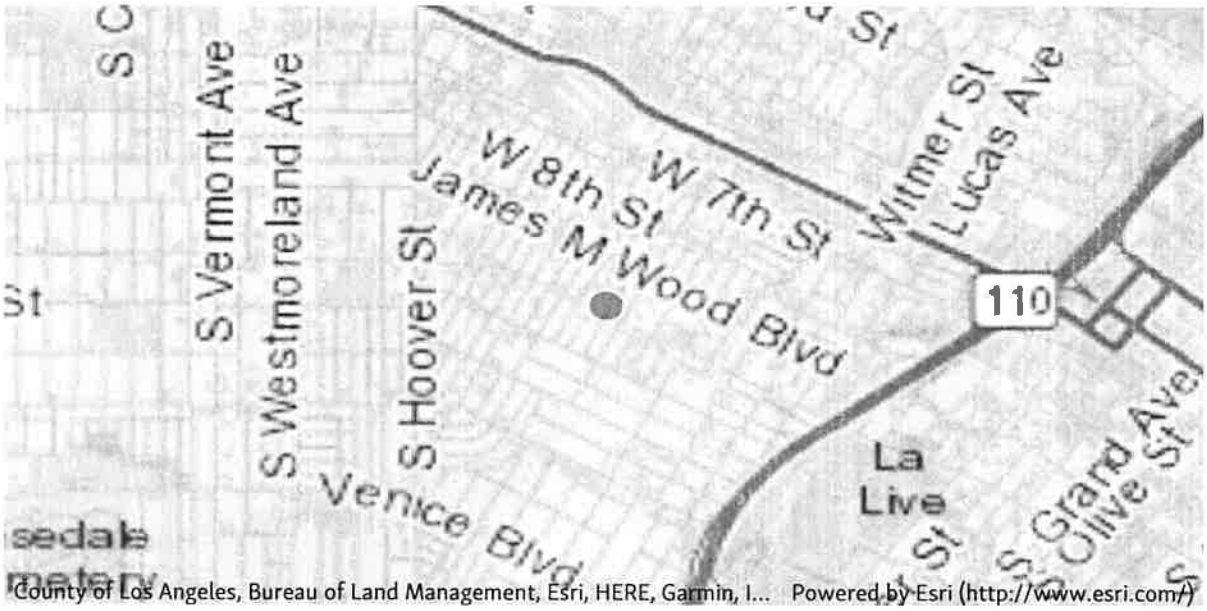
CHARBROILER - NATURAL GAS

Application Status : PERMIT TO OPERATE GRANTED

Permit Status : INACT_NR

Permit Number: D34139

SUH BIN JANG RESTAURANT, P YI ETAL



Address: 1833 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 73406

Status: ACTIVE

Back Fees Due: No.

SIC Code

5812 EATING PLACES

Equipment List

Compliance

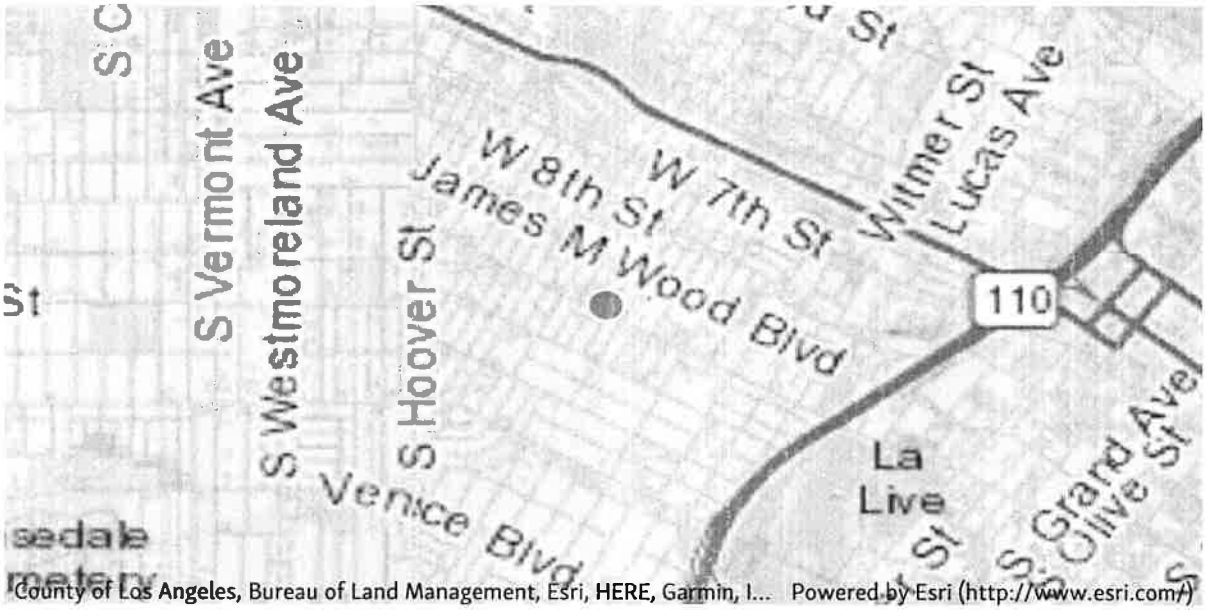
Notices of Violation

NONE

Notices to Comply

NONE

SUH BIN JANG RESTAURANT, P YI ETAL



Address: 1833 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 73406

Status: ACTIVE

Back Fees Due: No.

SIC Code

5812 EATING PLACES

Equipment List

Compliance

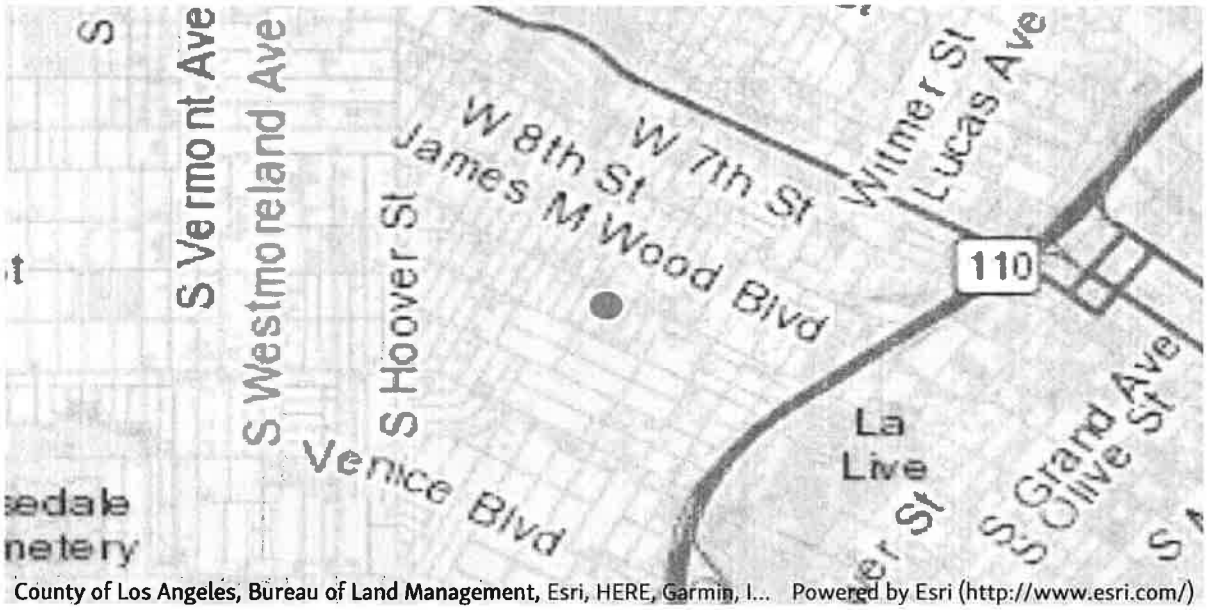
Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

ALLTEL INFORMATION SERVICES



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 106241

Status: ACTIVE

Back Fees Due: No.

Equipment List

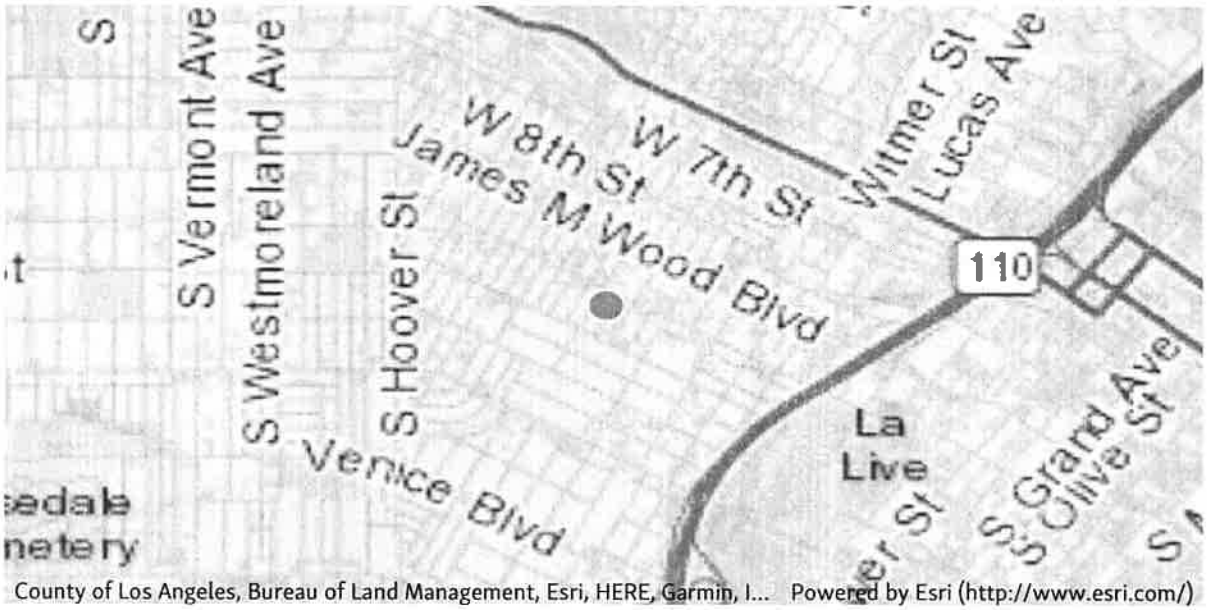
No Equipment Listed

Compliance

Emissions

Hearing Board

ALLTEL INFORMATION SERVICES



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 106241

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

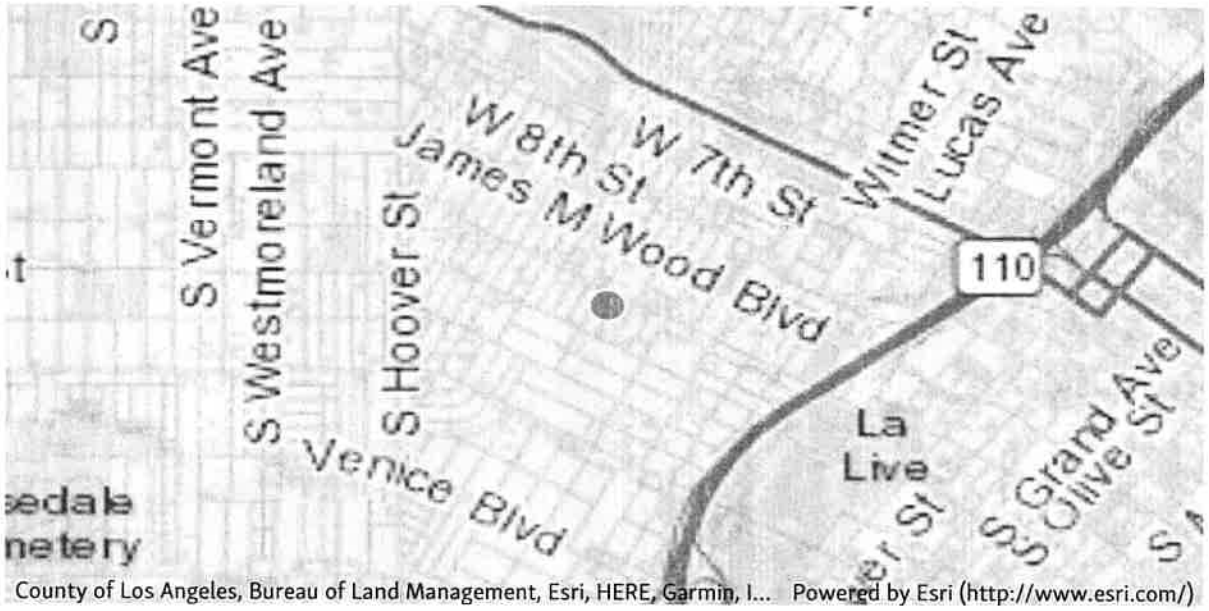
NONE

Notices to Comply

NONE

Emissions

ALLTEL INFORMATION SERVICES



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 106241

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

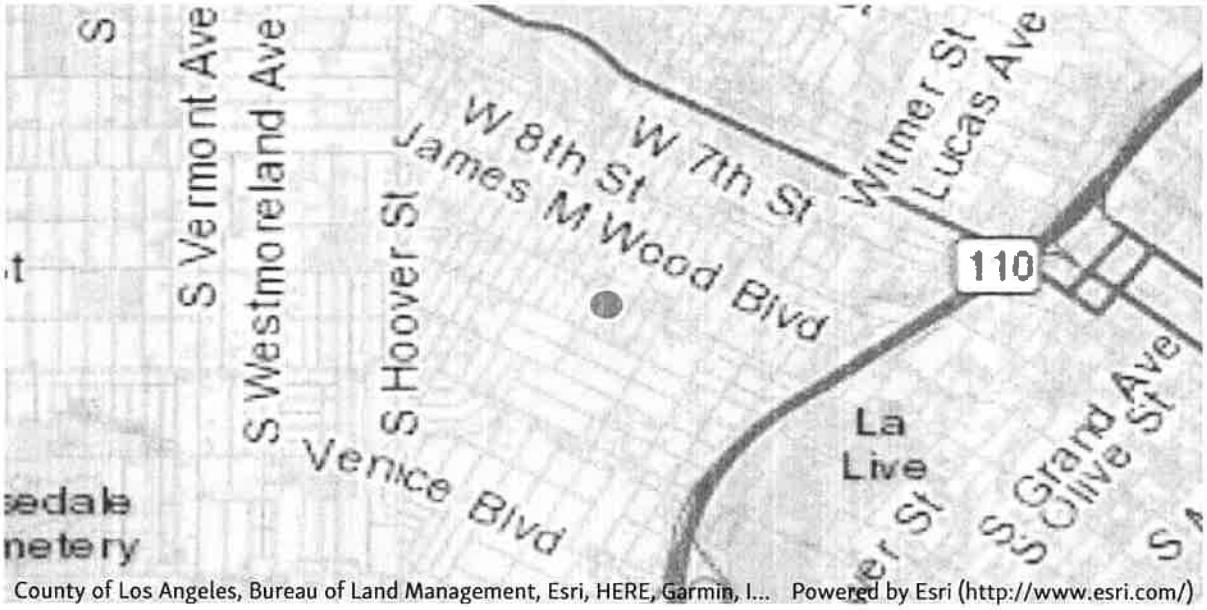
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

ALLTEL INFORMATION SERVICES



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 106241

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

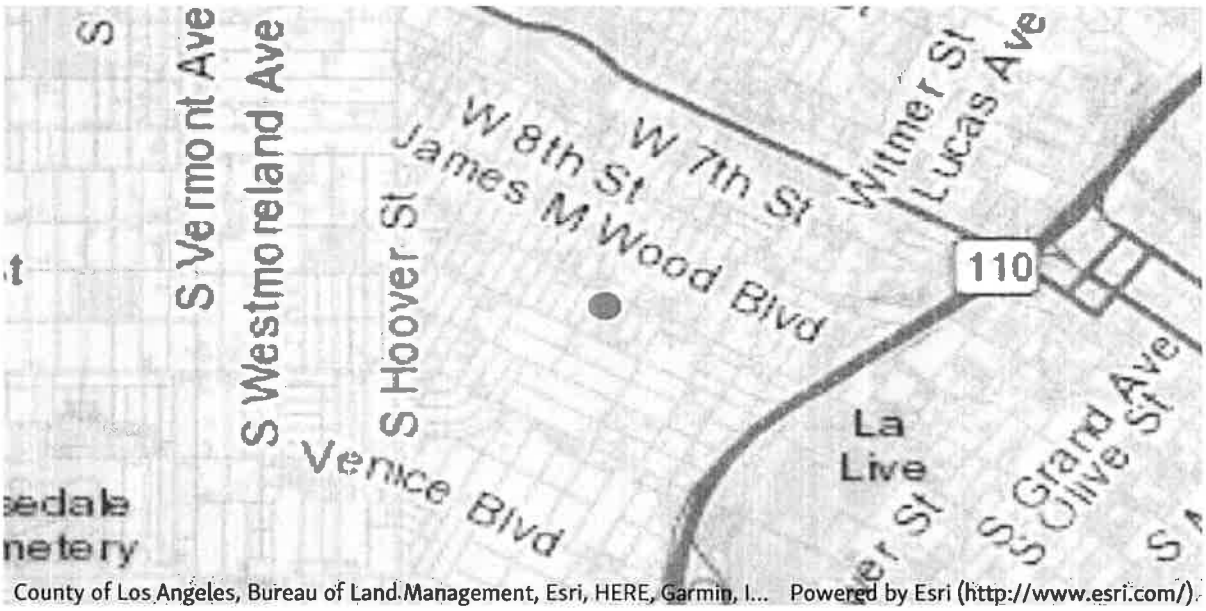
Hearing Board

Transportation

Registration Information

Plan Sequence
3

EASTERN COLUMBIA ASSOCIATES LLC



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90017

Facility ID: 165583

Status: ACTIVE

Back Fees Due: No.

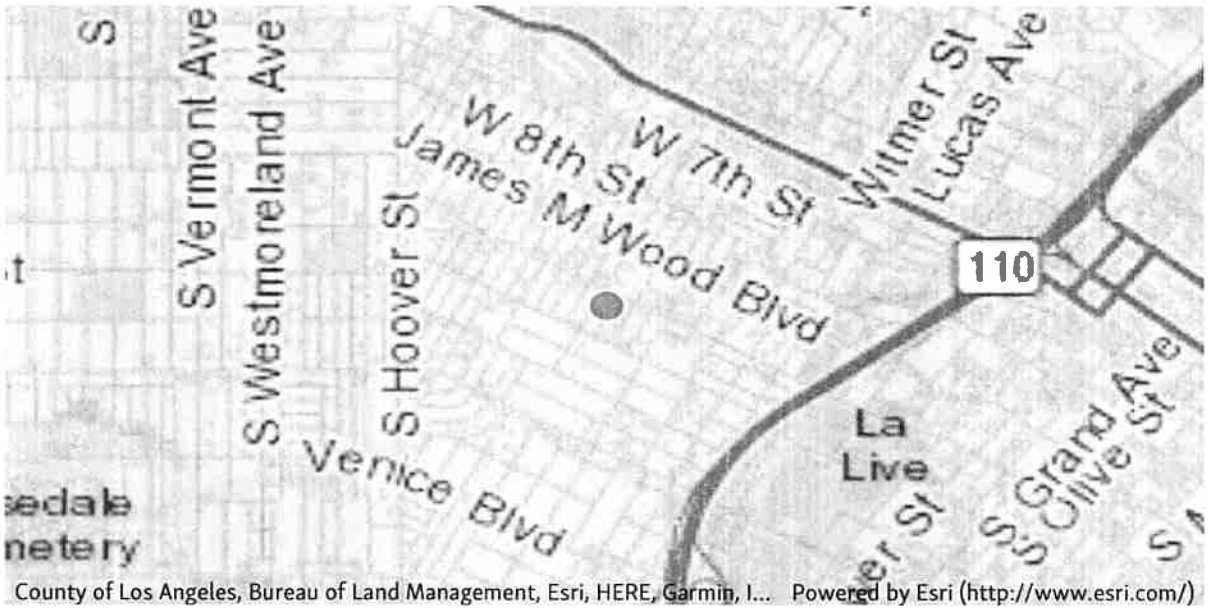
Equipment List

1 Results

Sort: Application Number

514895 (.EquipmentListModal)
BOILER-(<2MMBTU/HR) R-222
Application Status : BANKING/ PLAN GRANTED, NON BILLABLE
Application Date : 09/21/2010
Type : Basic

EASTERN COLUMBIA ASSOCIATES LLC



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90017

Facility ID: 165583

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

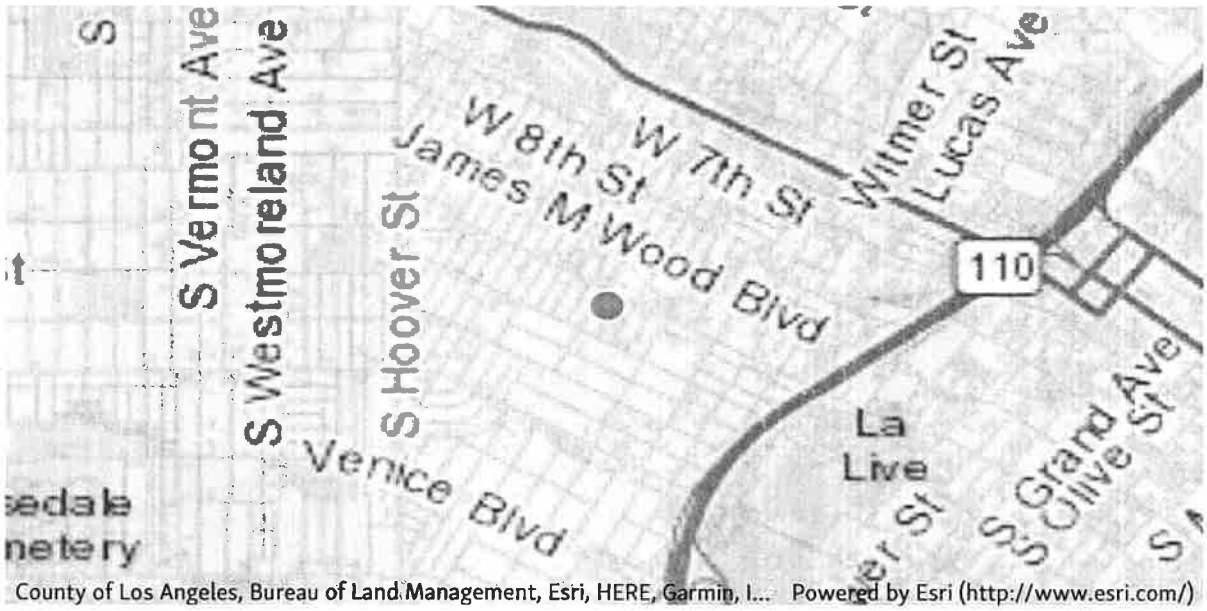
NONE

Notices to Comply

NONE

Emissions

EASTERN COLUMBIA ASSOCIATES LLC



Address: 1730 W OLYMPIC BLVD, LOS ANGELES, CA 90017

Facility ID: 165583

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

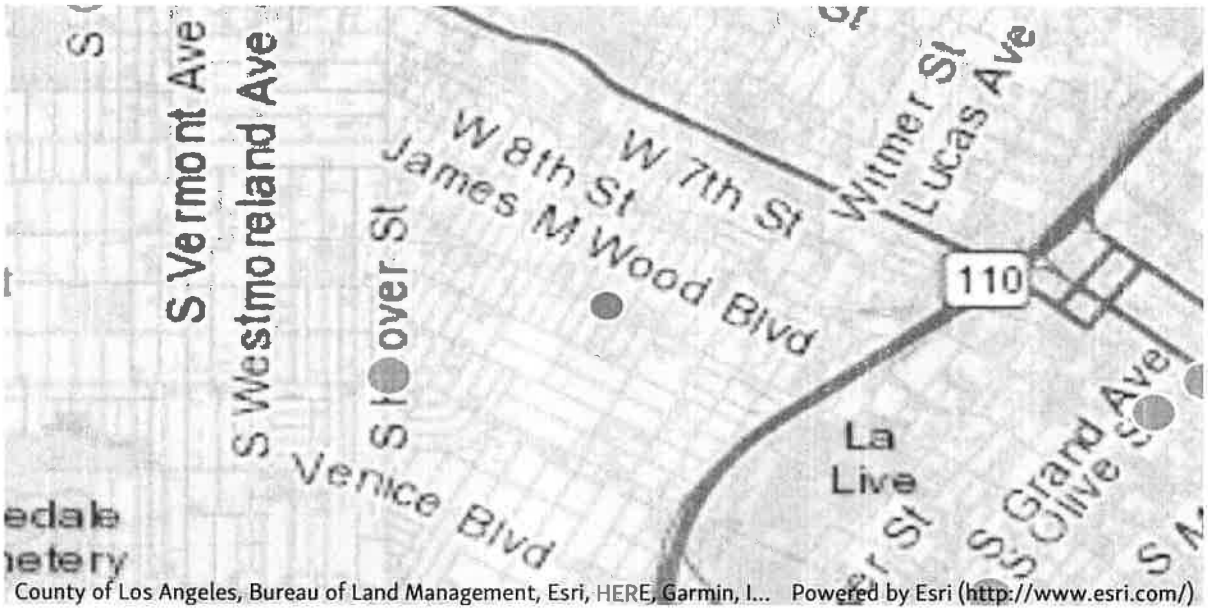
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

RODEO MEXICAN GRILL



Address: 1721 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 157312

Status: ACTIVE

Back Fees Due: No.

Equipment List

1 Results

Sort: Application Number

497035 (.EquipmentListModal)

CHARBROILER - NATURAL GAS

Application Status : PERMIT TO OPERATE GRANTED

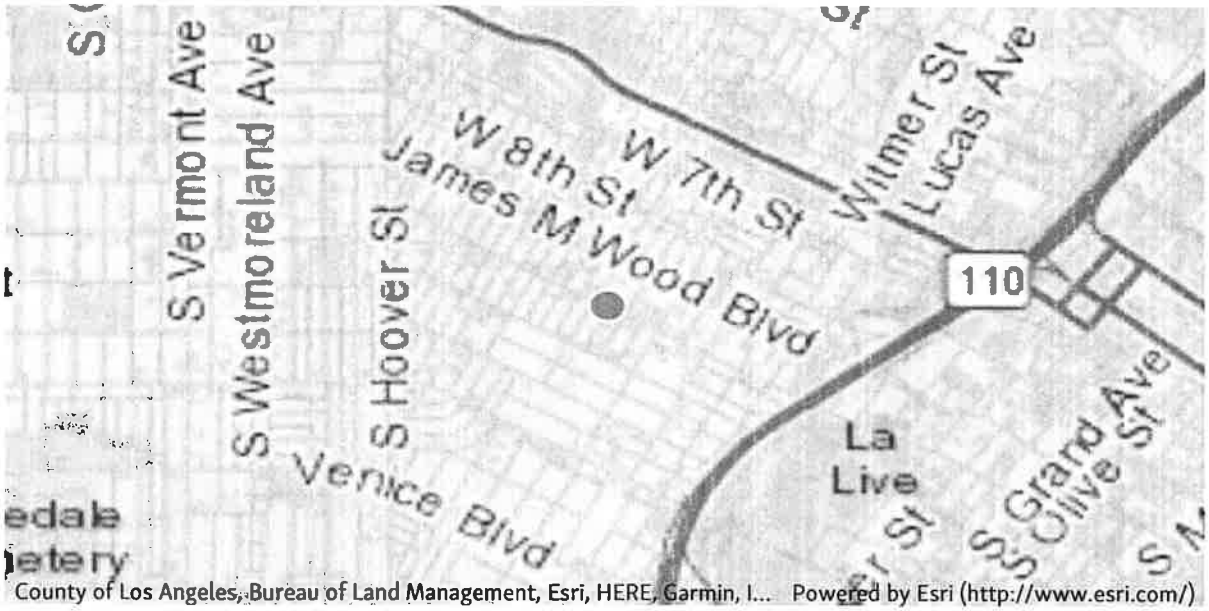
Permit Status : ACTIVE

Permit Number: G2367

Issue Date : 04/16/2009

Application Date : 03/06/2009

RODEO MEXICAN GRILL



Address: 1721 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 157312

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

1 Results

Sort: Notice Issue Date

P54443 (.ComplianceListModal)

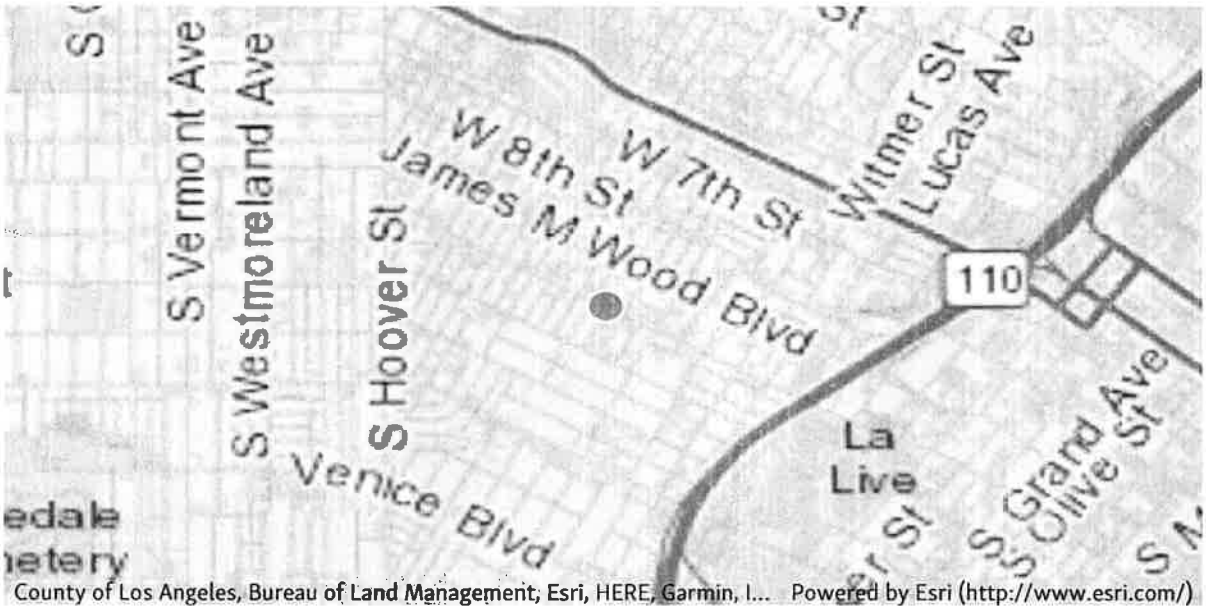
Notice Issue Date: 02/19/2009

Violation Date: 02/19/2009

Disposition Date: 10/30/2009

Disposition: Closed Case

RODEO MEXICAN GRILL



Address: 1721 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 157312

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

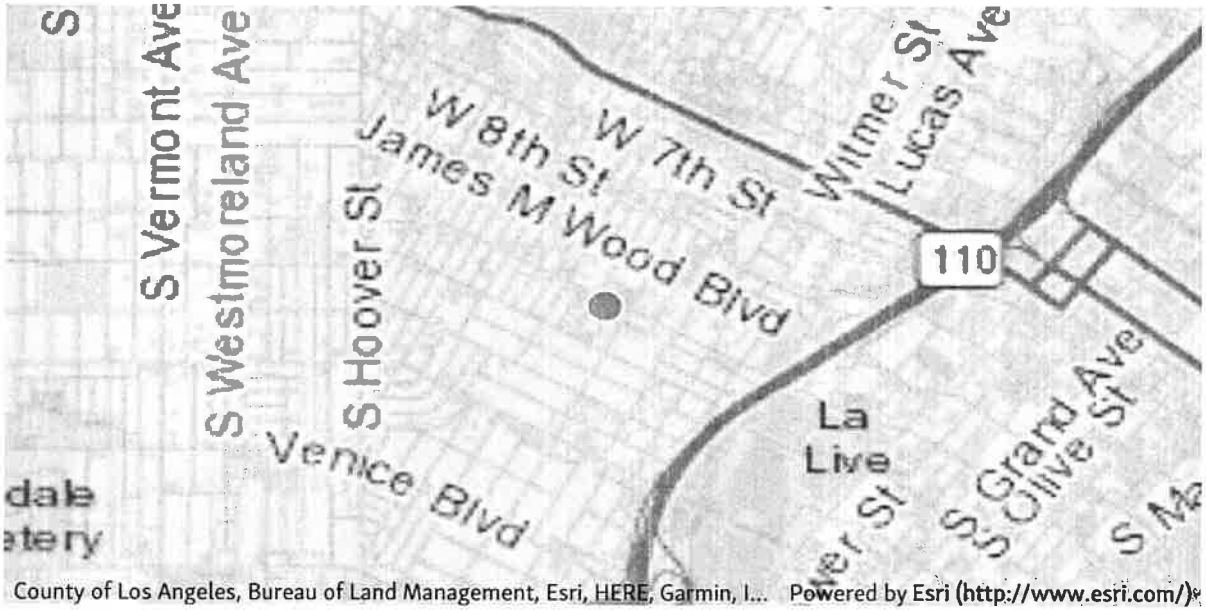
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

PENZOIL CO



Address: 1630 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 48742

Status: ACTIVE

Back Fees Due: No.

SIC Code

2721 PERIODICALS

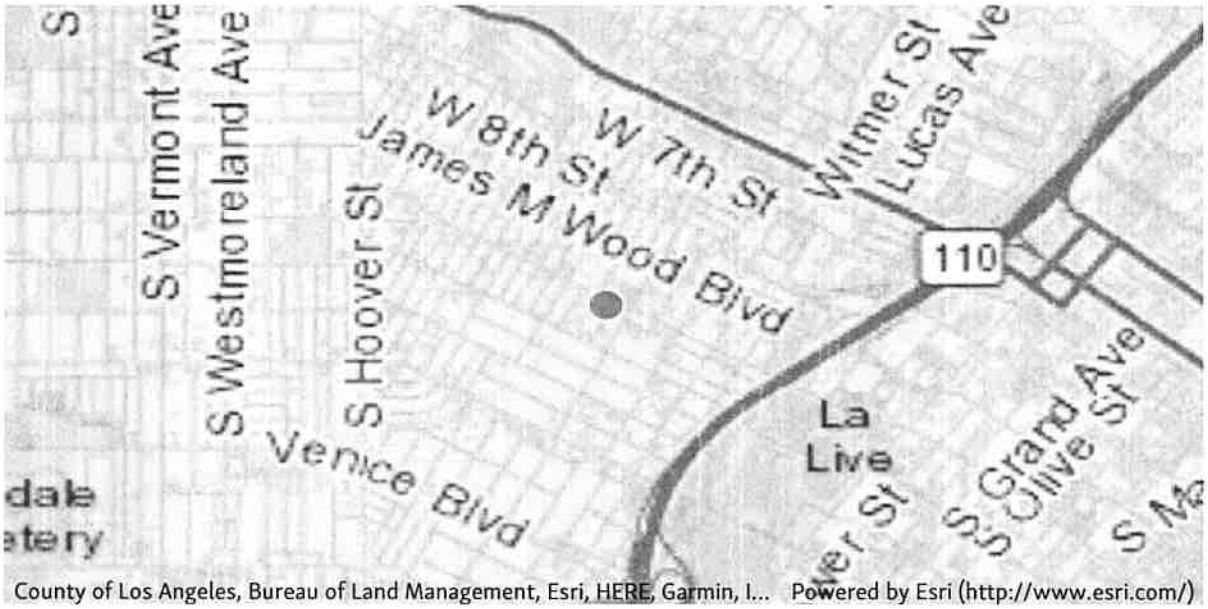
Equipment List

No Equipment Listed

Compliance

Emissions

PENZOIL CO



Address: 1630 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 48742

Status: ACTIVE

Back Fees Due: No.

SIC Code

2721 PERIODICALS

Equipment List

Compliance

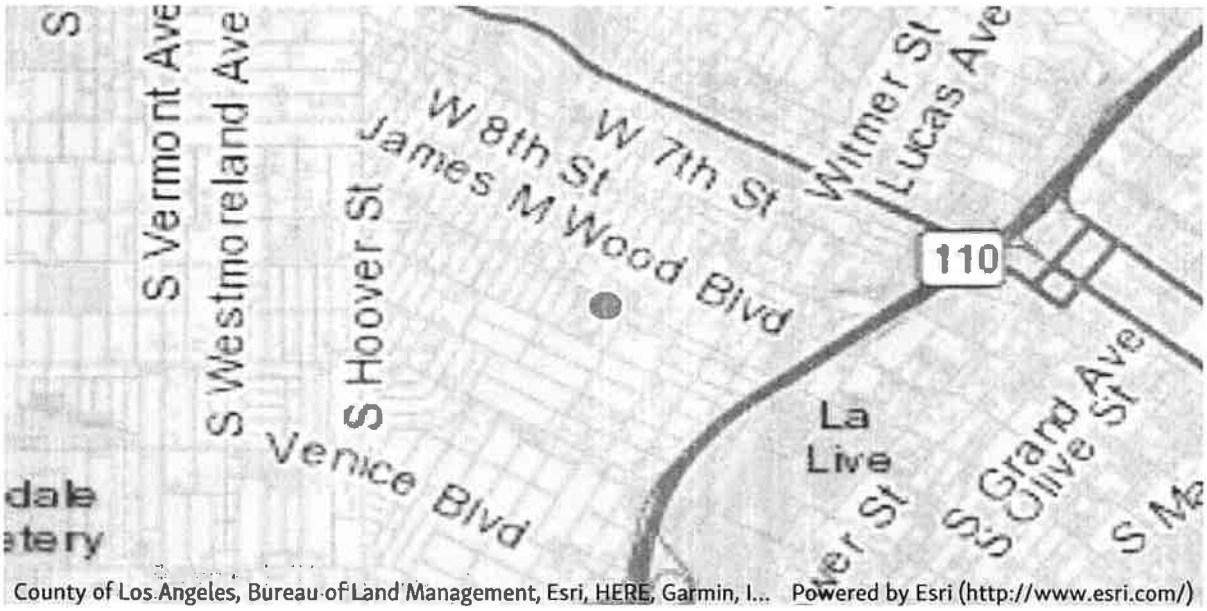
Notices of Violation

NONE

Notices to Comply

NONE

PENZOIL CO



Address: 1630 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 48742

Status: ACTIVE

Back Fees Due: No.

SIC Code

2721 PERIODICALS

Equipment List

Compliance

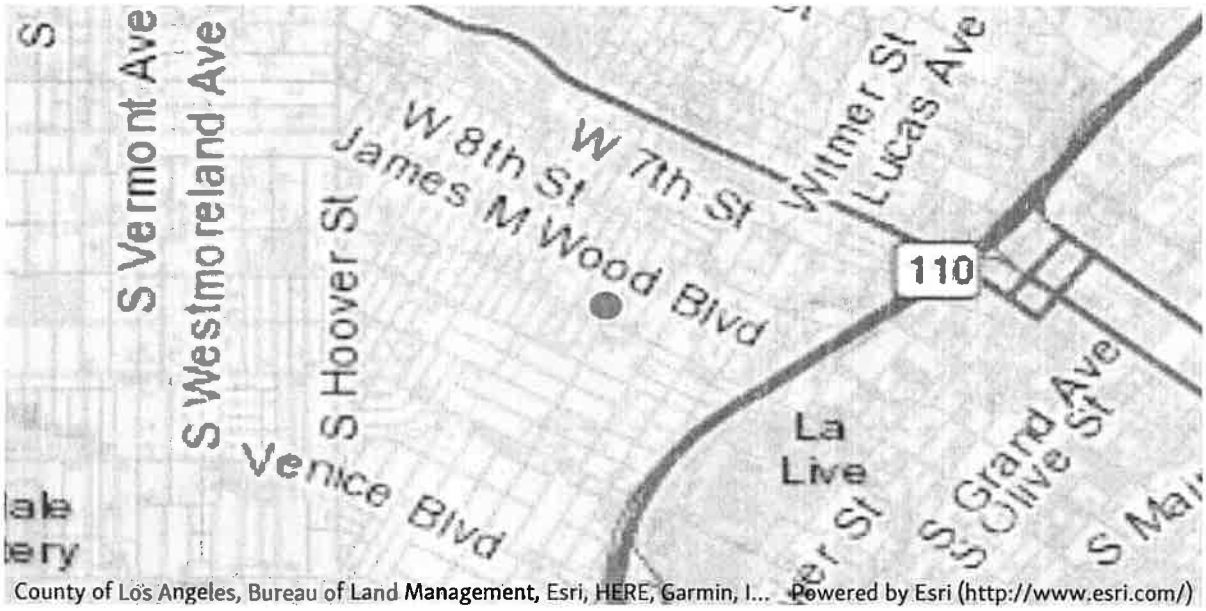
Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

REPUBLIC FACTORS CORP



Address: 1605 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 87267

Status: ACTIVE

Back Fees Due: No.

Equipment List

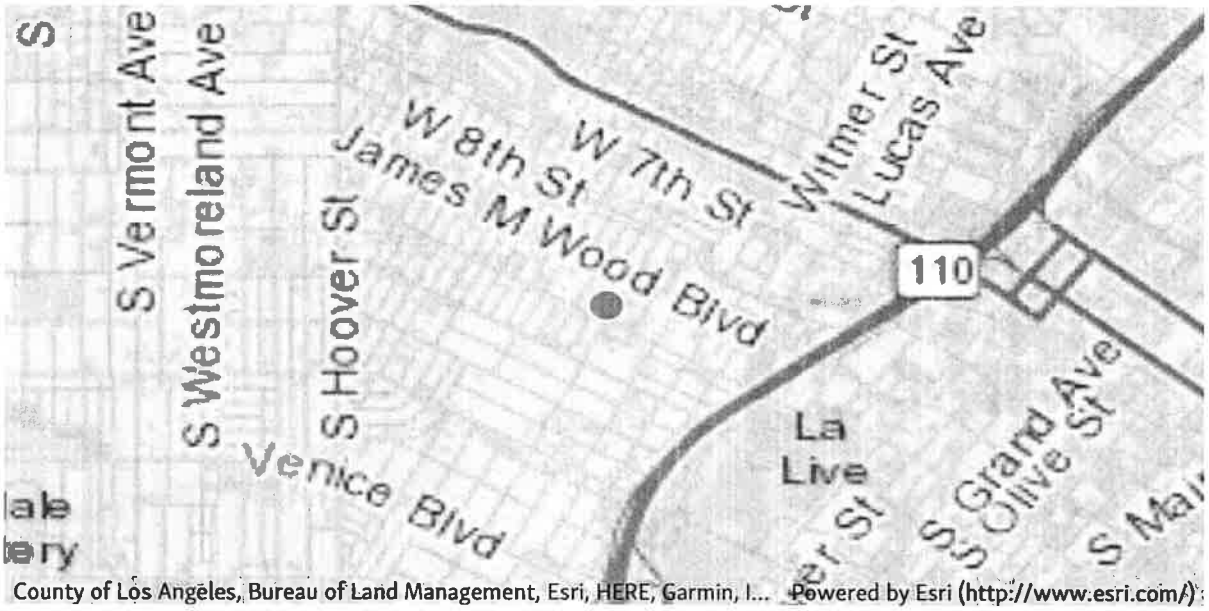
No Equipment Listed

Compliance

Emissions

Hearing Board

REPUBLIC FACTORS CORP



Address: 1605 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 87267

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

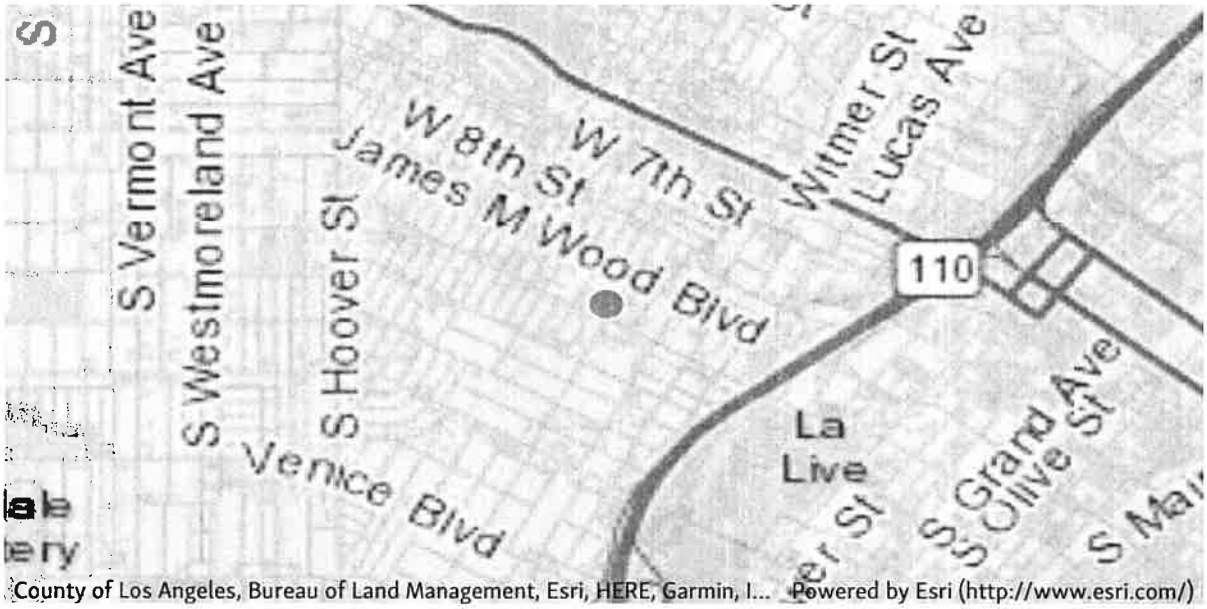
NONE

Notices to Comply

NONE

Emissions

REPUBLIC FACTORS CORP



Address: 1605 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 87267

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

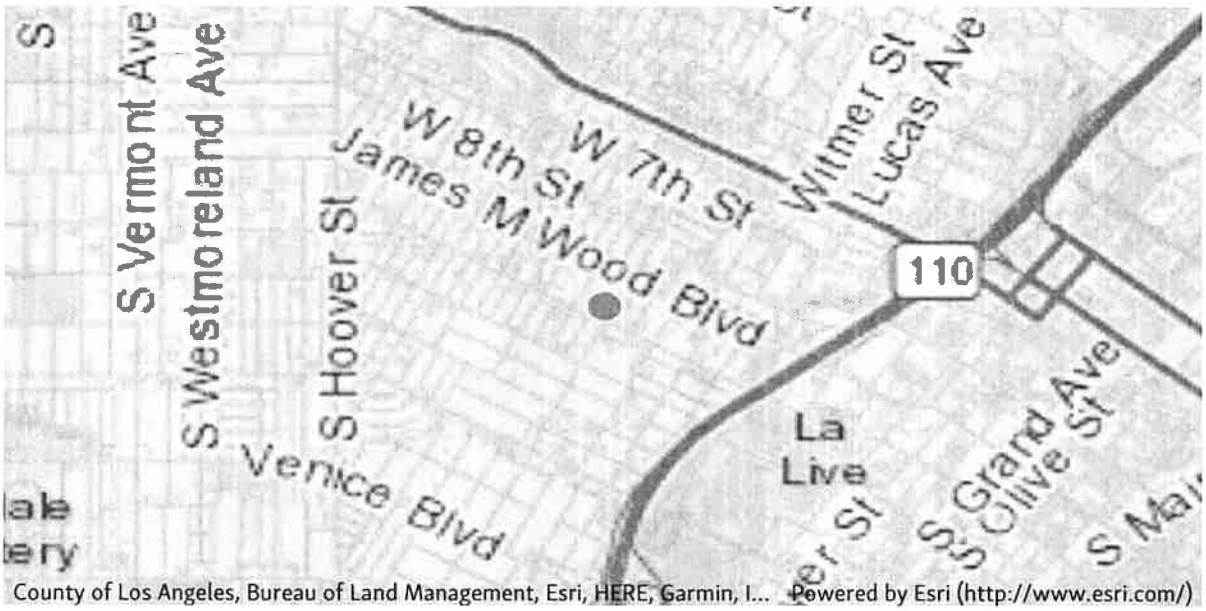
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

REPUBLIC FACTORS CORP



Address: 1605 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 87267

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

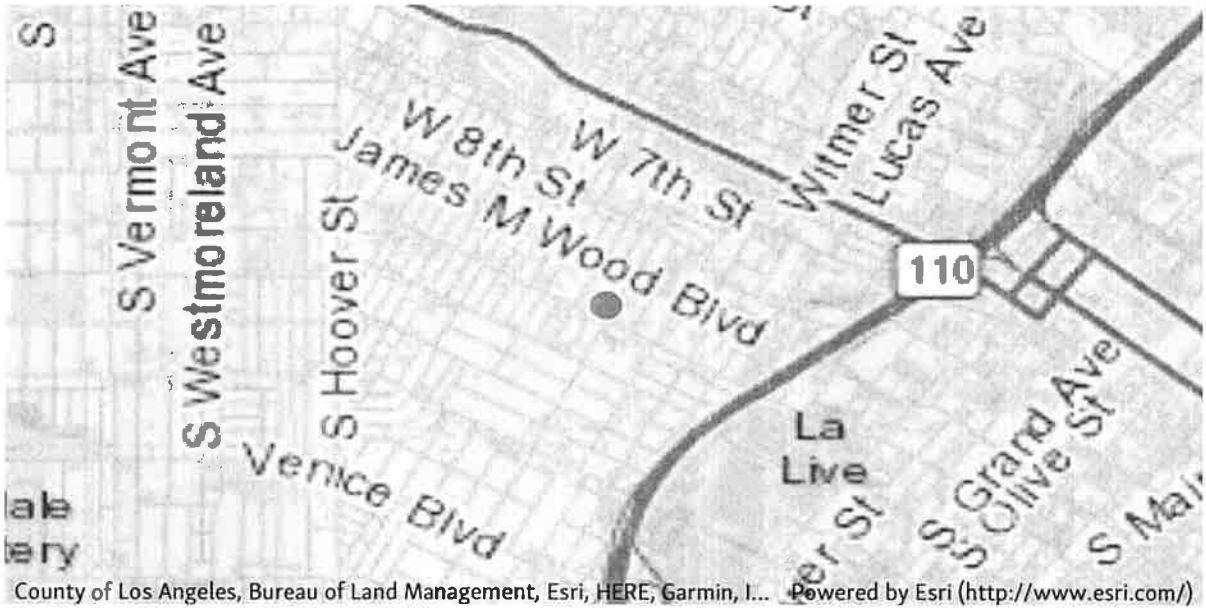
Hearing Board

Transportation

Registration Information

Plan Sequence
3

LA CURACAO BUSINESS CENTER



Address: 1605 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 137966

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

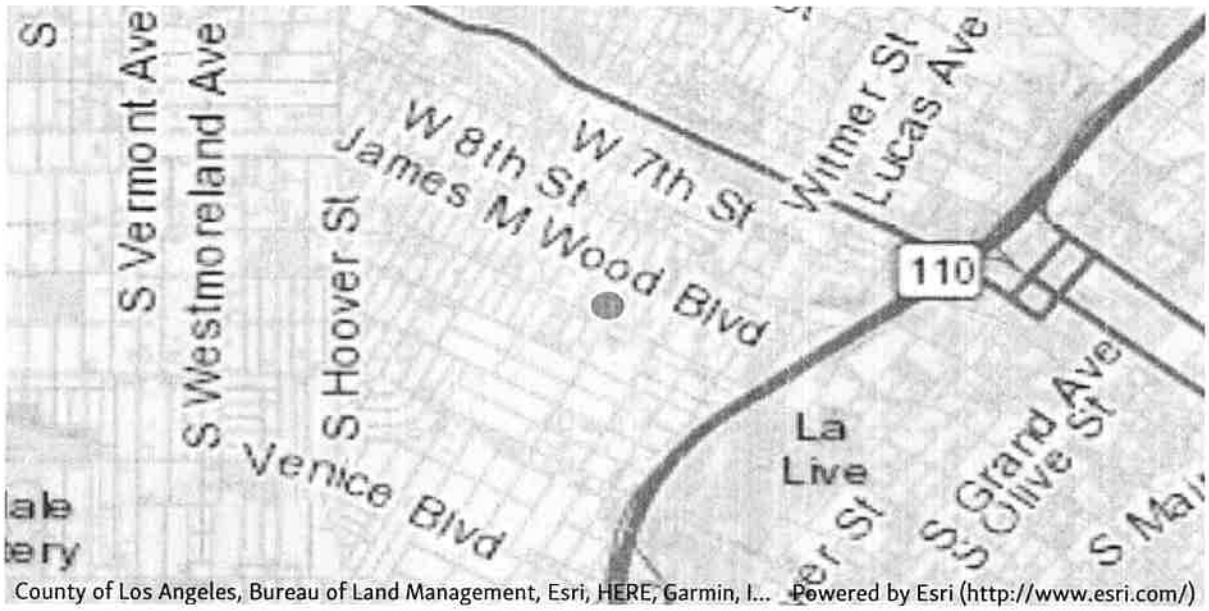
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

LA CURACAO BUSINESS CENTER



Address: 1605 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 137966

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

Hearing Board

Cases from Year 2003

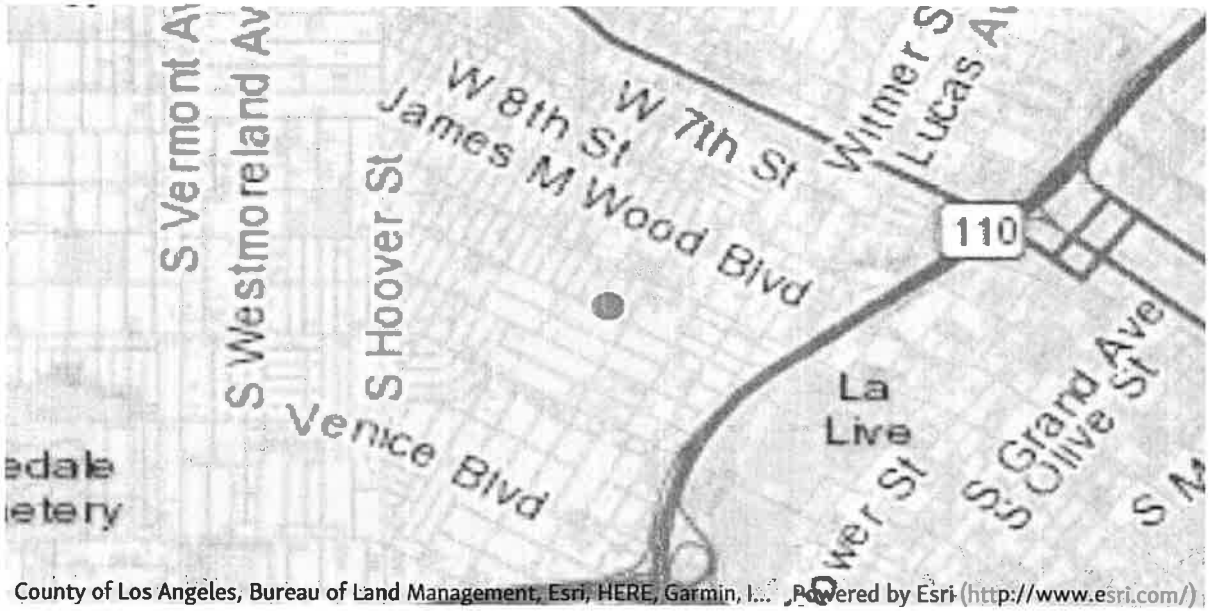
5479 - 1
06/25/2004
Petition for Equipment / Activity

Applicatior	Permit Nur	Issue Date	Permit Stat	Equipment	Equipment	Application Dat	Applicatior
420202				I C E (50-5C	Basic	9/19/2003	APPLICATION DENIED
420203				I C E (50-5C	Basic	9/19/2003	APPLICATION DENIED
432518	F69843	7/23/2004	ACTIVE	I C E (50-5C	Basic	7/15/2004	PERMIT TO OPERATE G
432622	F70107	8/3/2004	ACTIVE	I C E (50-5C	Basic	7/15/2004	PERMIT TO OPERATE G
510713	G15405	10/19/2011	INACTIVE	BOILER (<5	Basic	6/10/2010	PERMIT TO OPERATE G
510714	G15406	10/19/2011	ACTIVE	I C E (50-5C	Basic	6/10/2010	PERMIT TO OPERATE G
539689	G33720	12/12/2014	ACTIVE	BOILER (<5	Basic	6/20/2012	PERMIT TO OPERATE G
539692	G33721	12/12/2014	ACTIVE	BOILER (<5	Basic	6/20/2012	PERMIT TO OPERATE G
539694				RULE 1415	Basic	6/20/2012	BANKING/ PLAN GRAN
564826	G33719	12/12/2014	ACTIVE	BOILER (<5	Basic	6/4/2014	PERMIT TO OPERATE G
565403				RULE 1415	Basic	5/27/2014	BANKING/ PLAN GRAN
613351	G57838	6/23/2019	ACTIVE	I C E (50-5C	Basic	6/11/2019	PERMIT TO OPERATE G

Notice Nur	Violation Date	Status	Re-Inspection D
D25678	6/26/2009	NOV	4/2/2010
E13338	2/21/2012	NOV	6/14/2012
E27306	5/23/2014	In Complia	9/12/2014

Notice Nur	Notice Issue Date	Violation Date	Disposition Da	Disposition
P40687	9/9/2003	9/4/2003	1/9/2004	Closed Case
P56902	4/1/2010	8/25/2009	8/4/2010	Closed Case
P58832	6/15/2012	2/24/2012	2/25/2015	Closed Case

EUREKA LITHOGRAPH



Address: 1633 W 11TH ST, LOS ANGELES, CA 90015

Facility ID: 59258

Status: ACTIVE

Back Fees Due: Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.

SIC Code

2759 COMMERCIAL PRINTING, NEC

Equipment List

Compliance

Notices of Violation

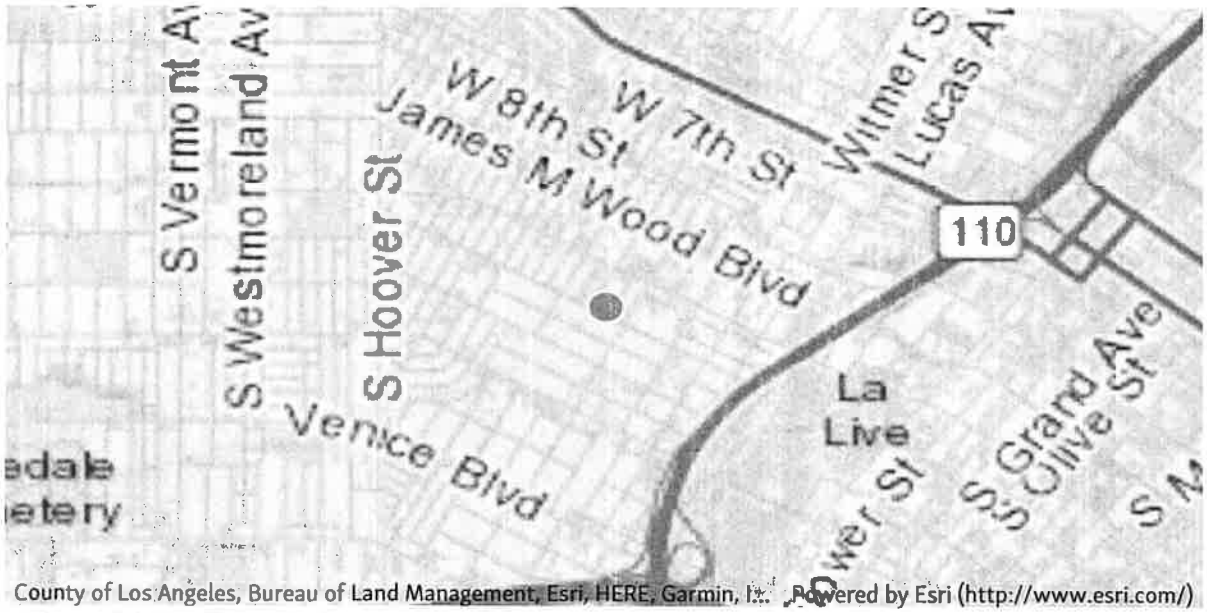
NONE

Notices to Comply

1 Results

Sort: Violation Date

EUREKA LITHOGRAPH



Address: 1633 W 11TH ST, LOS ANGELES, CA 90015

Facility ID: 59258

Status: ACTIVE

Back Fees Due: Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.

SIC Code

2759 COMMERCIAL PRINTING, NEC

Equipment List

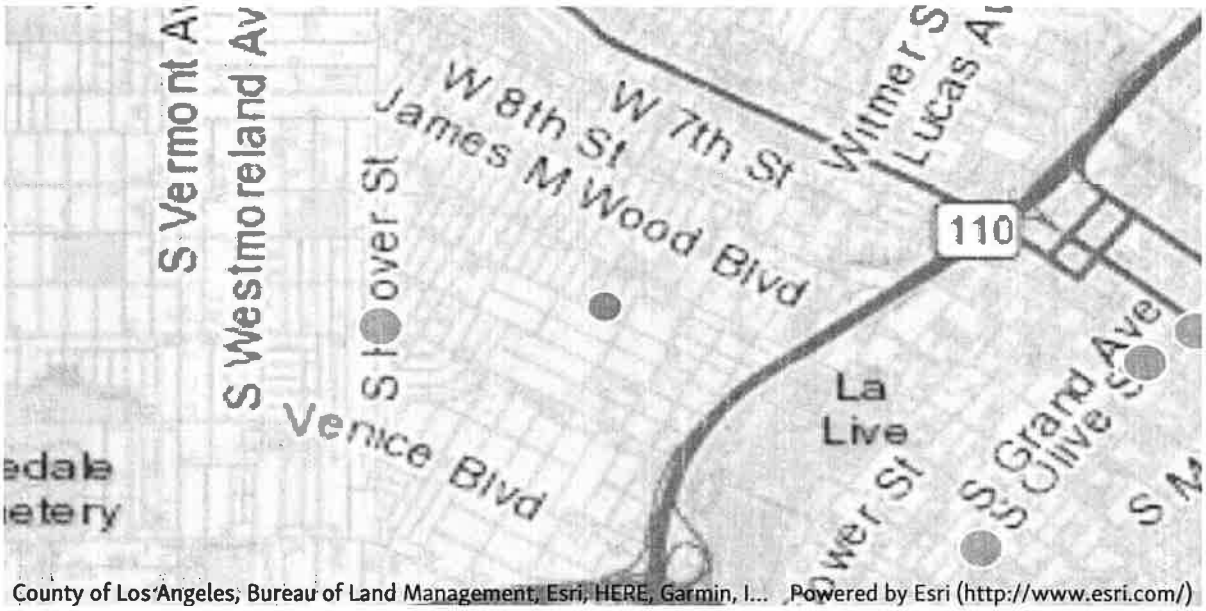
Compliance

Emissions

AER Year:

2018 (.AERListModal) / **No Data**

EUREKA PRESS CO INC



Address: 1633 W 11TH ST, LOS ANGELES, CA 90015

Facility ID: 21424

Status: ACTIVE

Back Fees Due: No.

SIC Code

2711 NEWSPAPERS

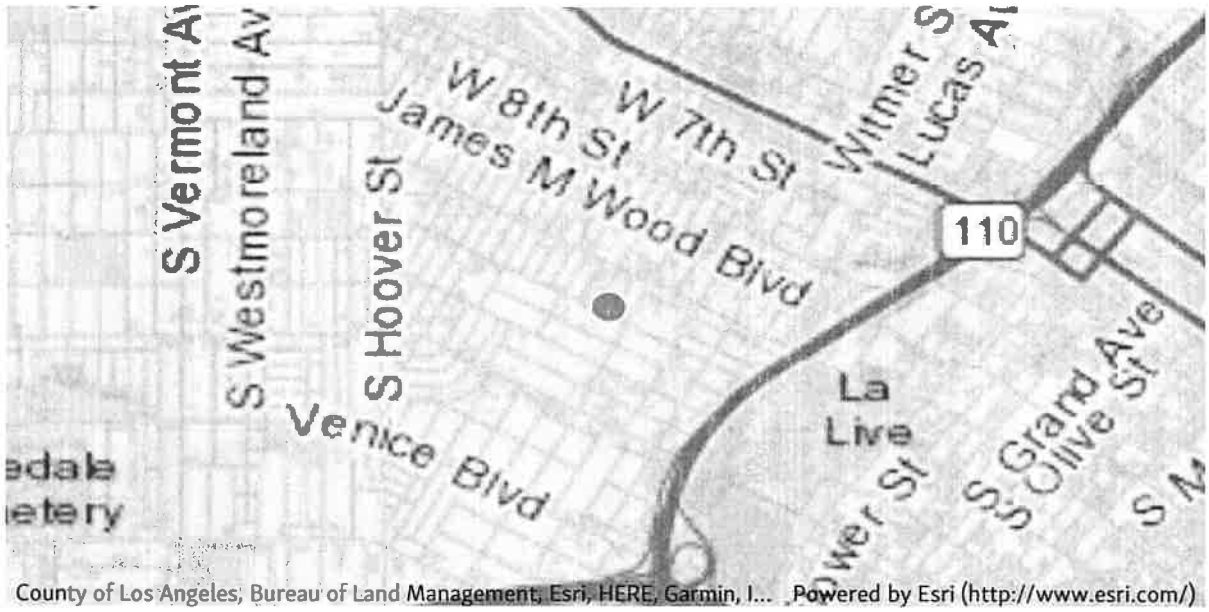
Equipment List

No Equipment Listed

Compliance

Emissions

EUREKA PRESS CO INC



Address: 1633 W 11TH ST, LOS ANGELES, CA 90015

Facility ID: 21424

Status: ACTIVE

Back Fees Due: No.

SIC Code

2711 NEWSPAPERS

Equipment List

Compliance

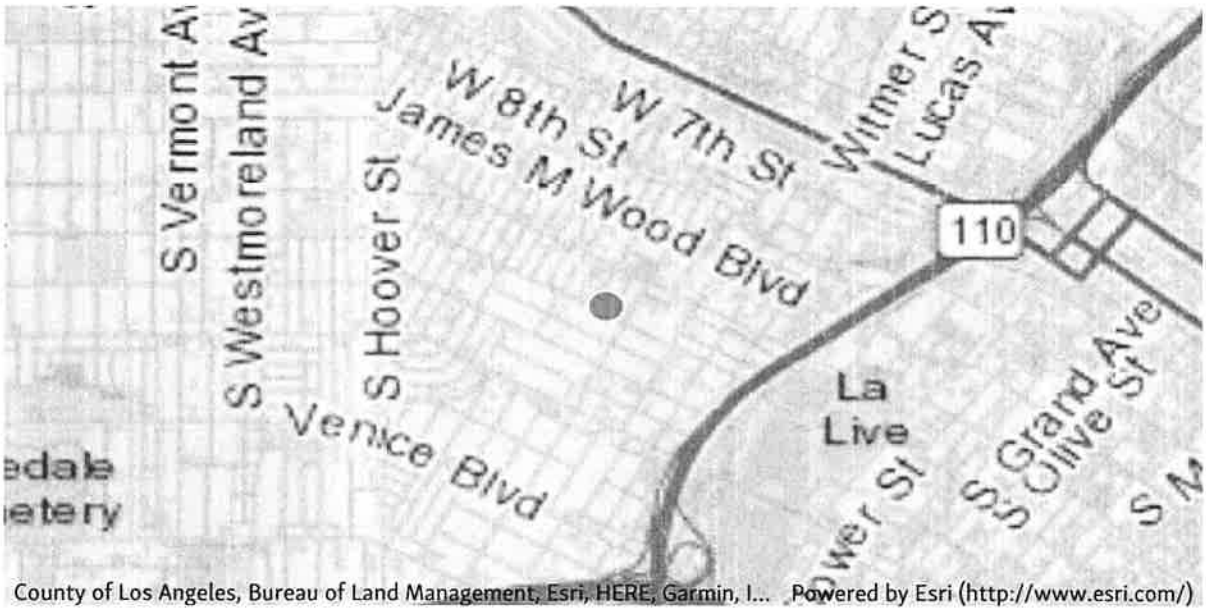
Notices of Violation

NONE

Notices to Comply

NONE

EUREKA PRESS CO INC



Address: 1633 W 11TH ST, LOS ANGELES, CA 90015

Facility ID: 21424

Status: ACTIVE

Back Fees Due: No.

SIC Code

2711 NEWSPAPERS

Equipment List

Compliance

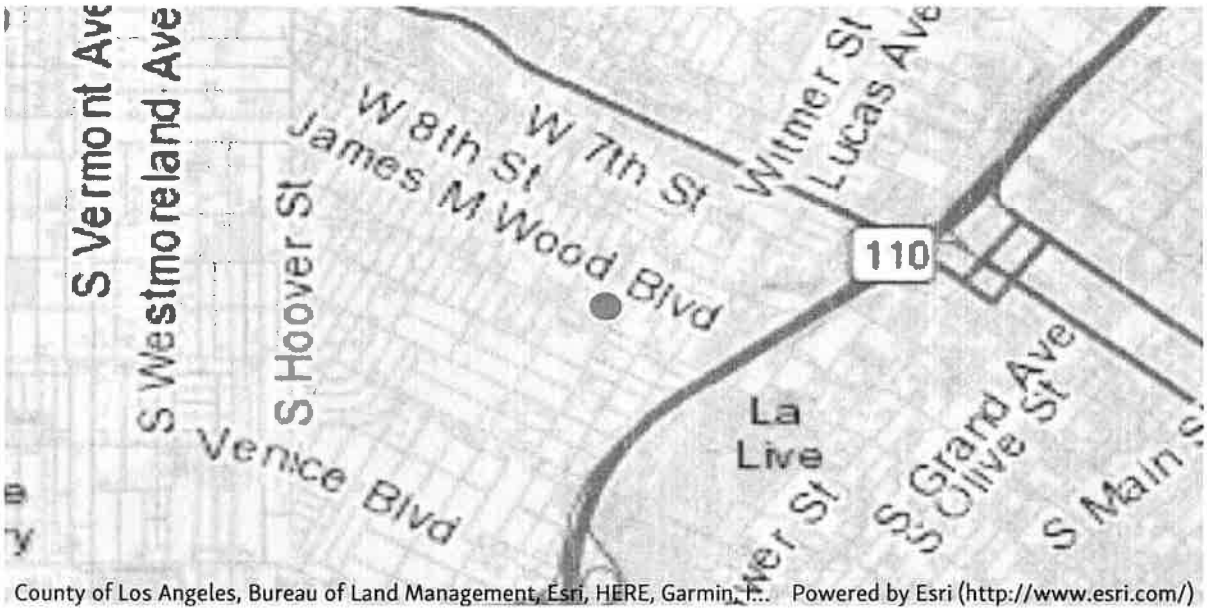
Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

LAS TORRES INC



Address: 944 S GRATTAN ST, LOS ANGELES, CA 90015

Facility ID: 125817

Status: ACTIVE

Back Fees Due: No.

SIC Code
9999 UNKNOWN

Equipment List

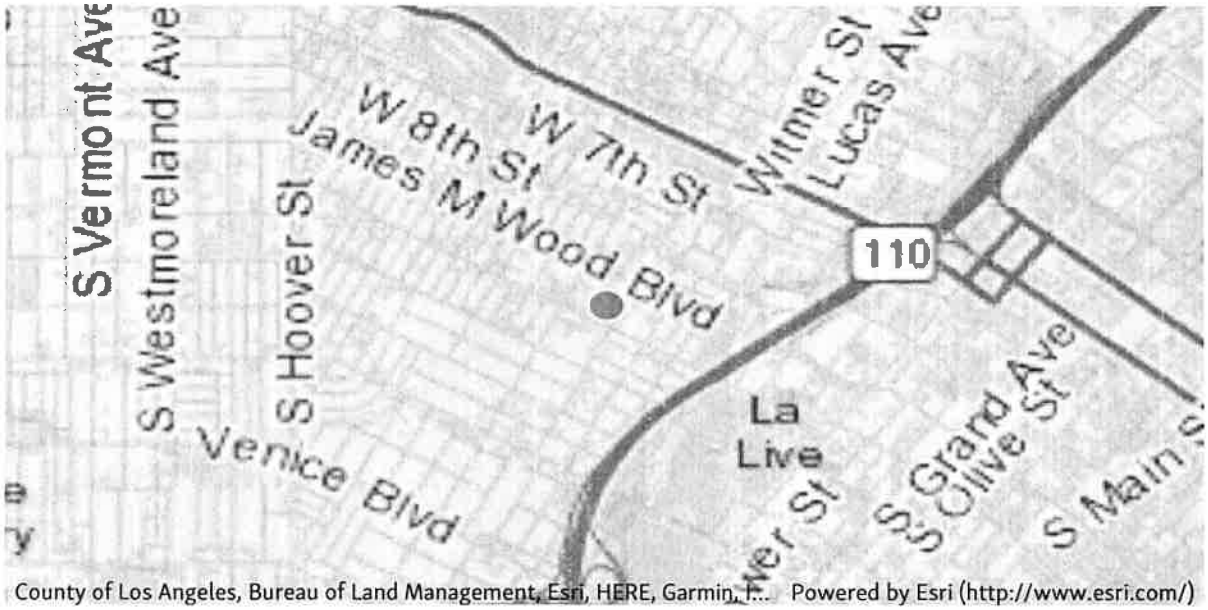
Compliance

Notices of Violation 1 Results

Sort: Notice Issue Date

P55811 (.ComplianceListModal)
Notice Issue Date: 07/16/2009
Violation Date: 01/10/2008

LAS TORRES INC



Address: 944 S GRATTAN ST, LOS ANGELES, CA 90015

Facility ID: 125817

Status: ACTIVE

Back Fees Due: No.

SIC Code

9999 UNKNOWN

Equipment List

Compliance

Emissions

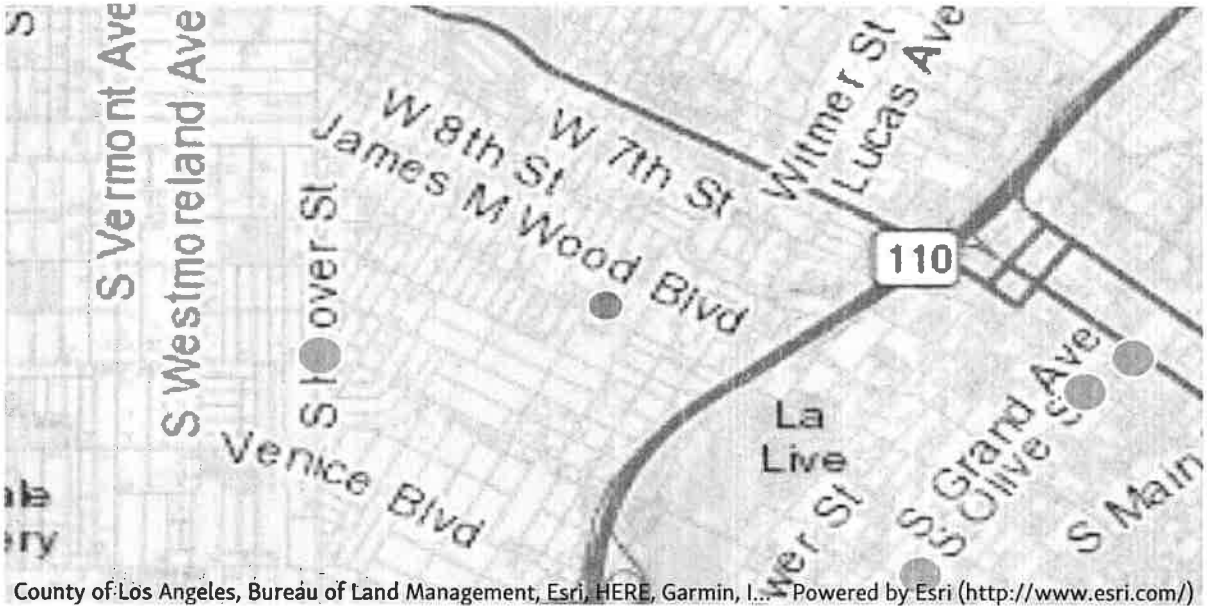
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

Applicatior	Permit Nur	Issue Date	Permit Sta	Equipment	Equipment	Application Da	Applicatior
377259				BOILER-(<2	Basic	11/28/2000	BANKING/ I
377261				BOILER-(<2	Basic	11/28/2000	BANKING/ I
426866	F90803	6/22/2007	ACTIVE	I C E (50-5C	Basic	3/4/2004	PERMIT TO
426867				BOILER-(<2	Basic	3/4/2004	BANKING/ I

ASBESTOS ABATEMENT TECHNOLOGY



Address: 1543 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 58214

Status: ACTIVE

Back Fees Due: No.

SIC Code

3714 MOTOR VEHICLE PARTS/ACCESORIES

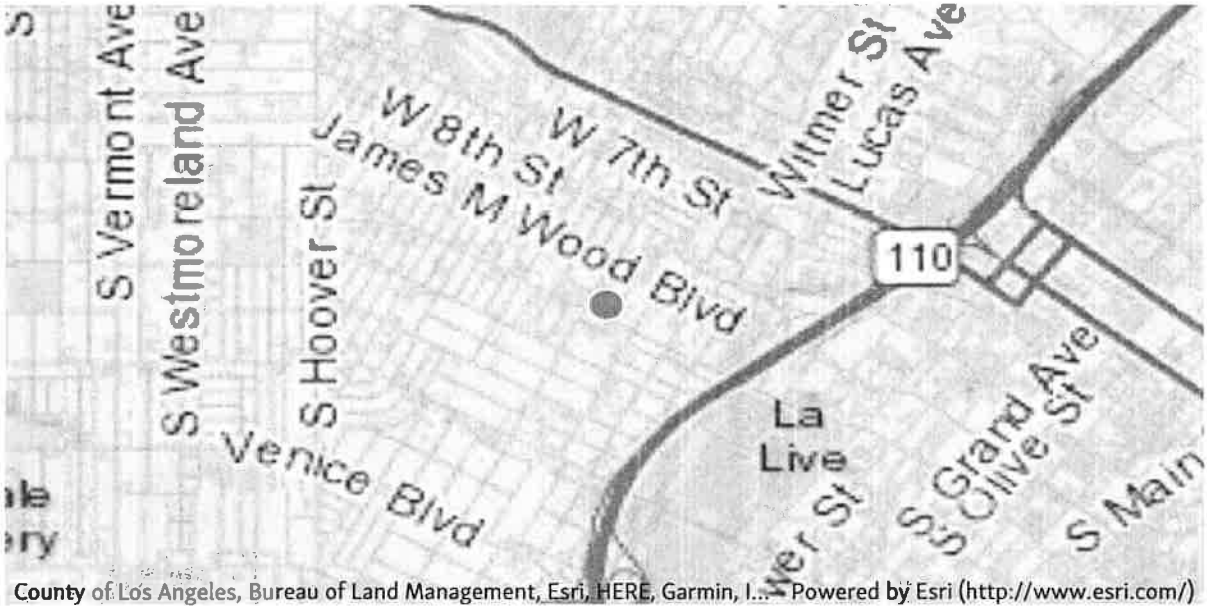
Equipment List

No Equipment Listed

Compliance

Emissions

ASBESTOS ABATEMENT TECHNOLOGY



Address: 1543 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 58214

Status: ACTIVE

Back Fees Due: No.

SIC Code

3714 MOTOR VEHICLE PARTS/ACCESORIES

Equipment List

Compliance

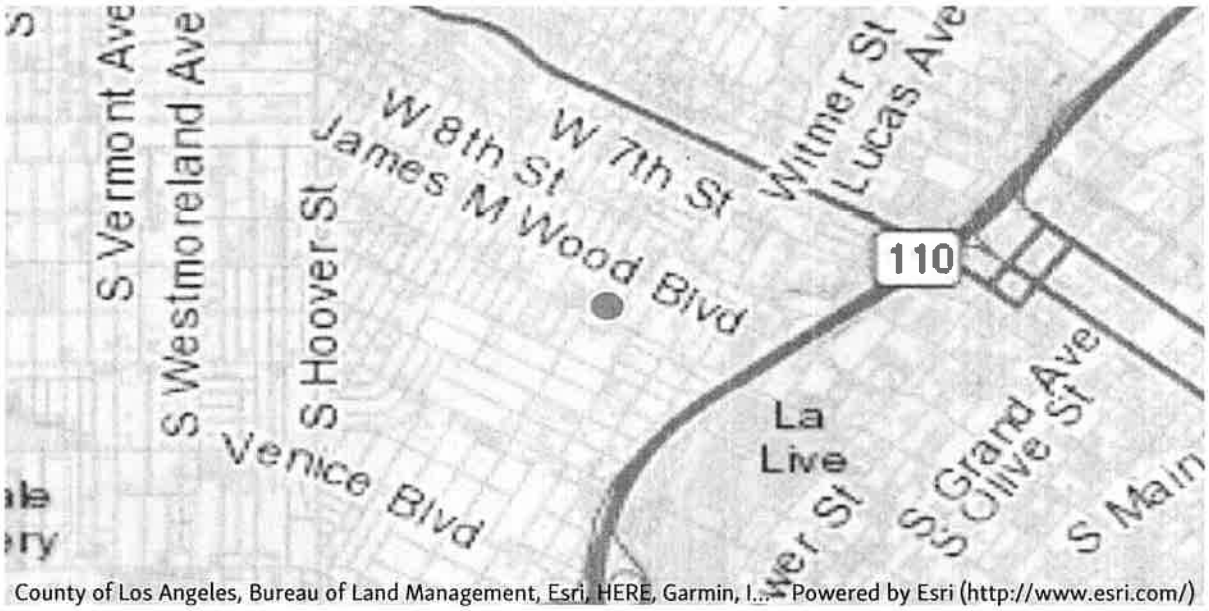
Notices of Violation

NONE

Notices to Comply

NONE

ASBESTOS ABATEMENT TECHNOLOGY



Address: 1543 W OLYMPIC BLVD, LOS ANGELES, CA 90015

Facility ID: 58214

Status: ACTIVE

Back Fees Due: No.

SIC Code

3714 MOTOR VEHICLE PARTS/ACCESORIES

Equipment List

Compliance

Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

BURLINGTON ARMS

Address: 817 BURLINGTON AVE, LOS ANGELES, CA 90057

Facility ID: 125785

Status: ACTIVE

Back Fees Due: No.

Equipment List

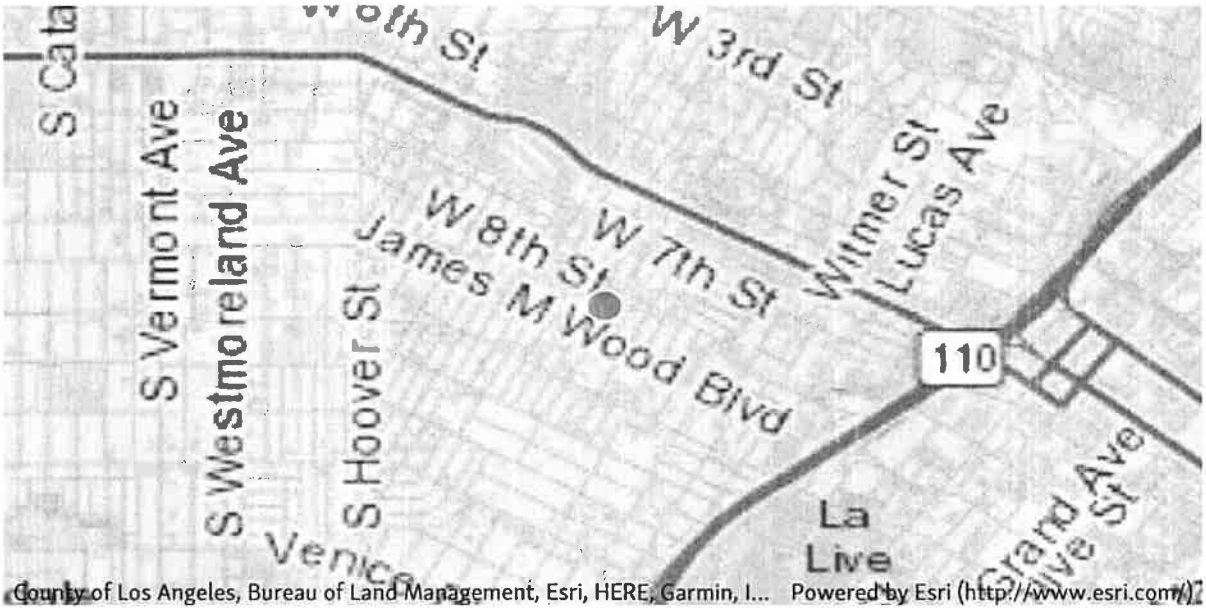
2 Results

Sort: Application Number

377277 (.EquipmentListModal)
BOILER-(<2MMBTU/HR) R-222
Application Status : BANKING/ PLAN GRANTED, NON BILLABLE
Application Date : 11/30/2000
Type : Basic

377276 (.EquipmentListModal)

BURLINGTON ARMS



Address: 817 BURLINGTON AVE, LOS ANGELES, CA 90057

Facility ID: 125785

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

NONE

Notices to Comply

NONE

Emissions

BURLINGTON ARMS

Address: 817 BURLINGTON AVE, LOS ANGELES, CA 90057

Facility ID: 125785

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

CIMM'S INC, BURGER KING

Address: 1830 W 8TH ST, LOS ANGELES, CA 90057

Facility ID: 110935

Status: ACTIVE

Back Fees Due: No.

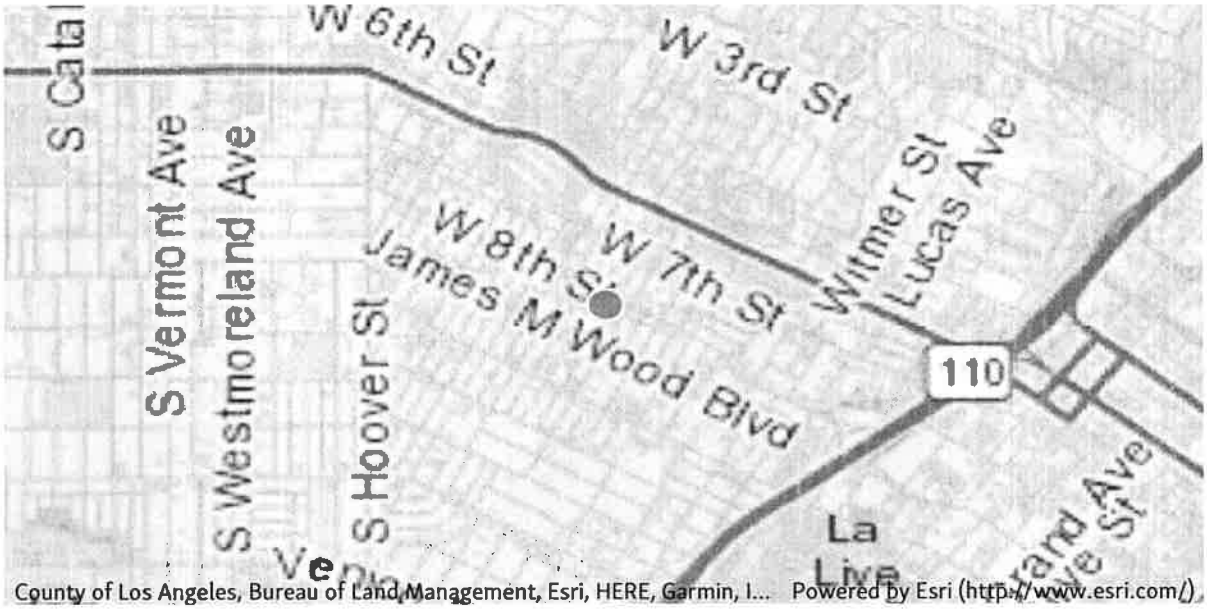
Equipment List

1 Results

Sort: Application Number

323455 (.EquipmentListModal)
Charbroiler,NatGas - Integrated Catalyst
Application Status : PERMIT TO OPERATE GRANTED
Permit Status : INACT_NR
Permit Number: F4774
Issue Date : 01/15/1997
Application Date : 01/15/1997

CIMM'S INC, BURGER KING



Address: 1830 W 8TH ST, LOS ANGELES, CA 90057

Facility ID: 110935

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

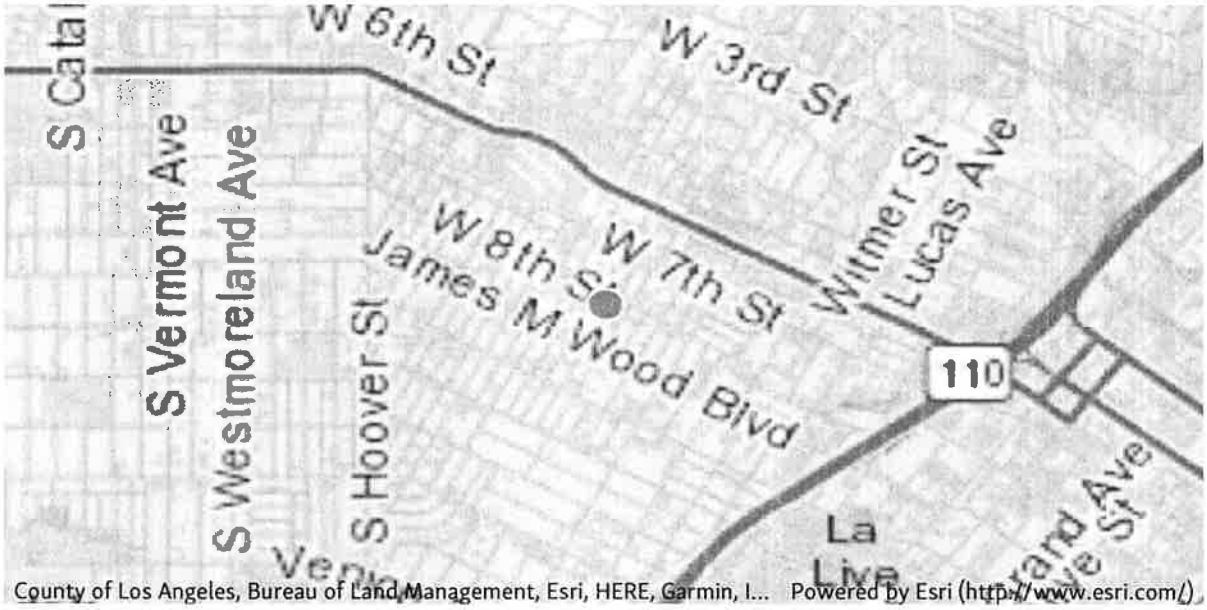
NONE

Notices to Comply

NONE

Emissions

CIMM'S INC, BURGER KING



Address: 1830 W 8TH ST, LOS ANGELES, CA 90057

Facility ID: 110935

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

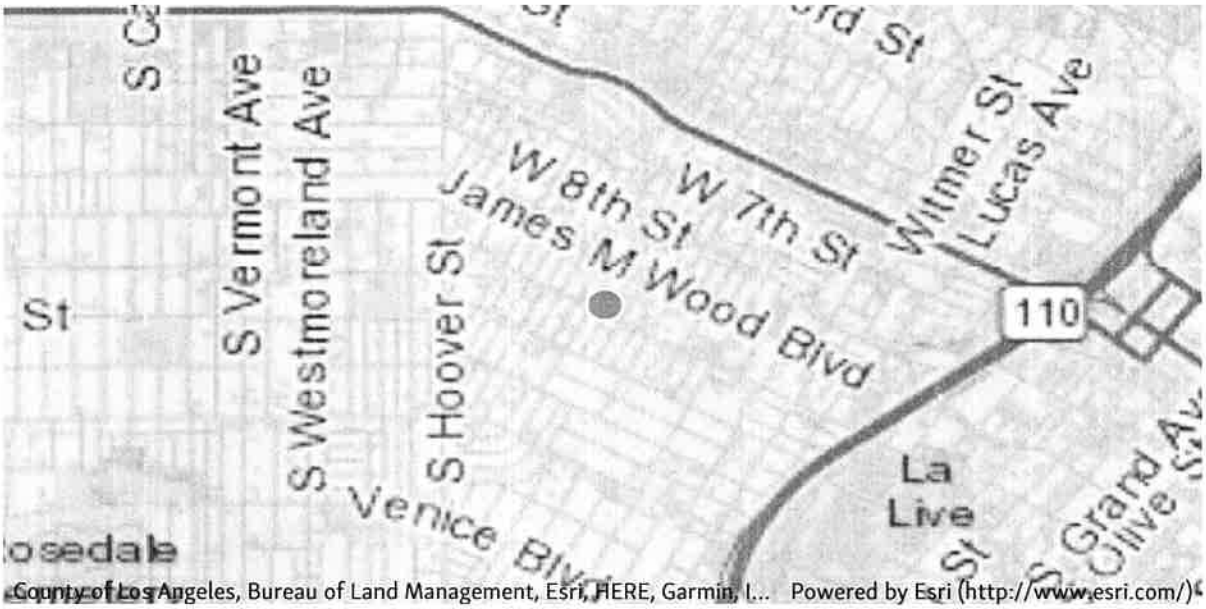
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

HANSONG BUFFET



Address: 1925 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 160191

Status: ACTIVE

Back Fees Due: No.

Equipment List

1 Results

Sort: Application Number

499587 (.EquipmentListModal)

CHARBROILER - NATURAL GAS

Application Status : PERMIT TO OPERATE GRANTED

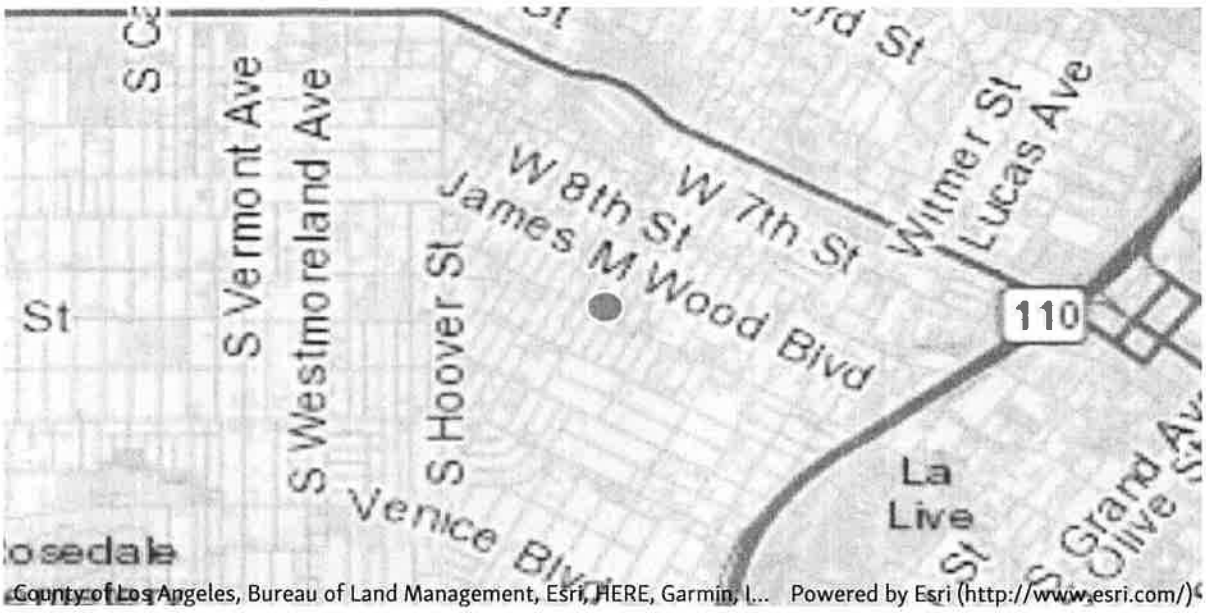
Permit Status : INACT_NR

Permit Number: G3609

Issue Date : 06/26/2009

Application Date : 06/10/2009

HANSONG BUFFET



Address: 1925 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 160191

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Notices of Violation

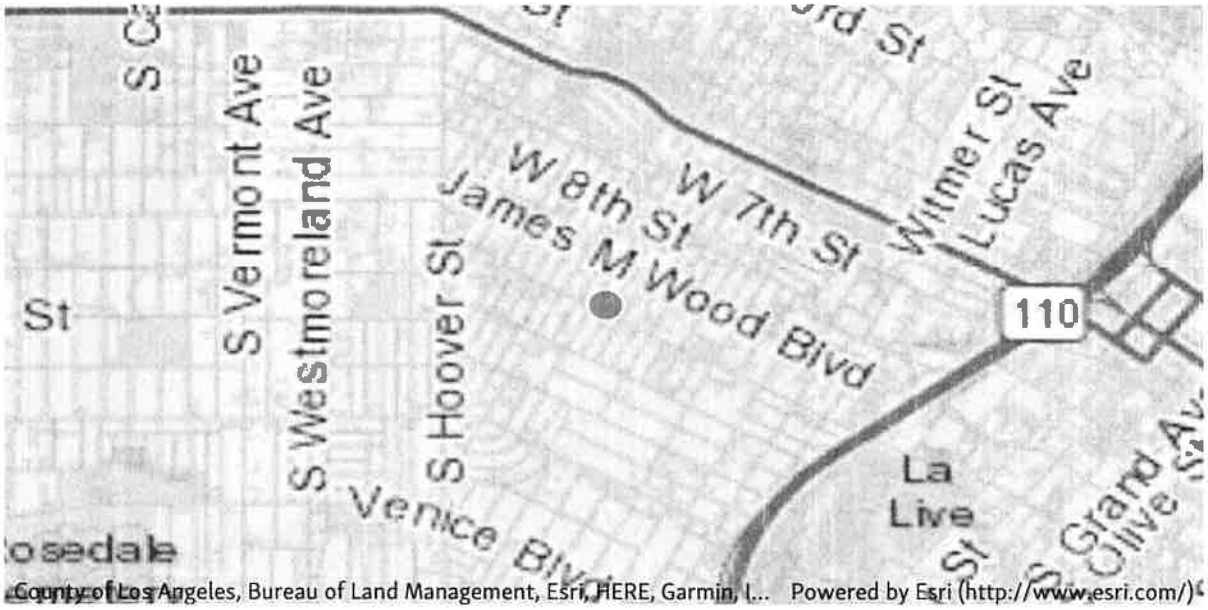
NONE

Notices to Comply

NONE

Emissions

HANSONG BUFFET



Address: 1925 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 160191

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

Emissions

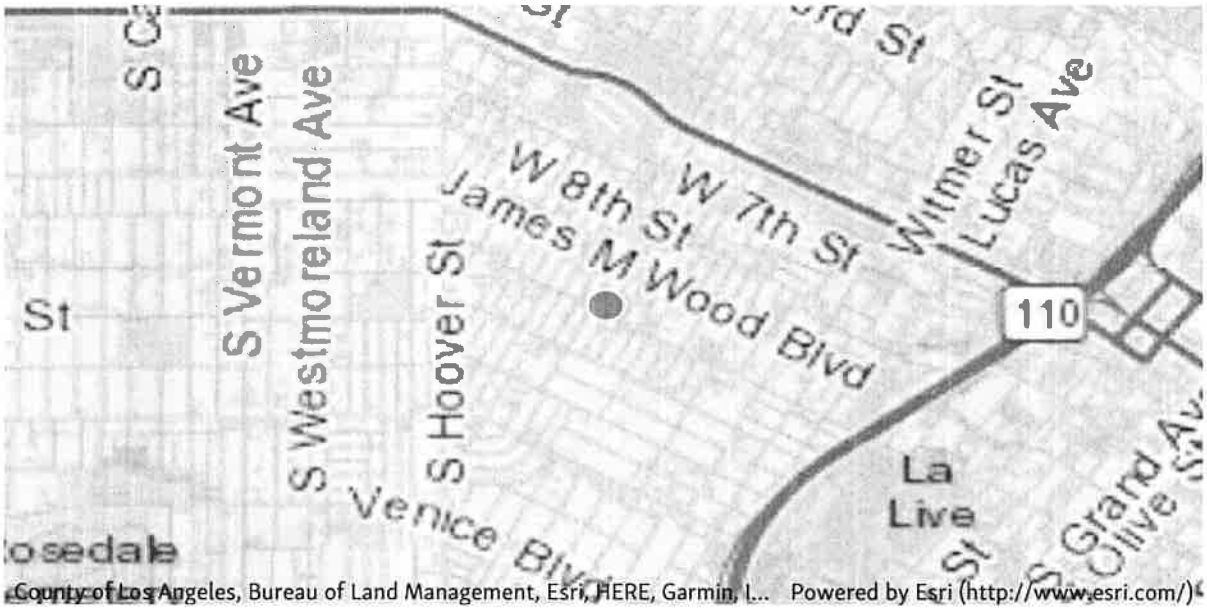
AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

2016 (.AERListModal) / **No Data**

HANSONG BUFFET



Address: 1925 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 160191

Status: ACTIVE

Back Fees Due: No.

Equipment List

Compliance

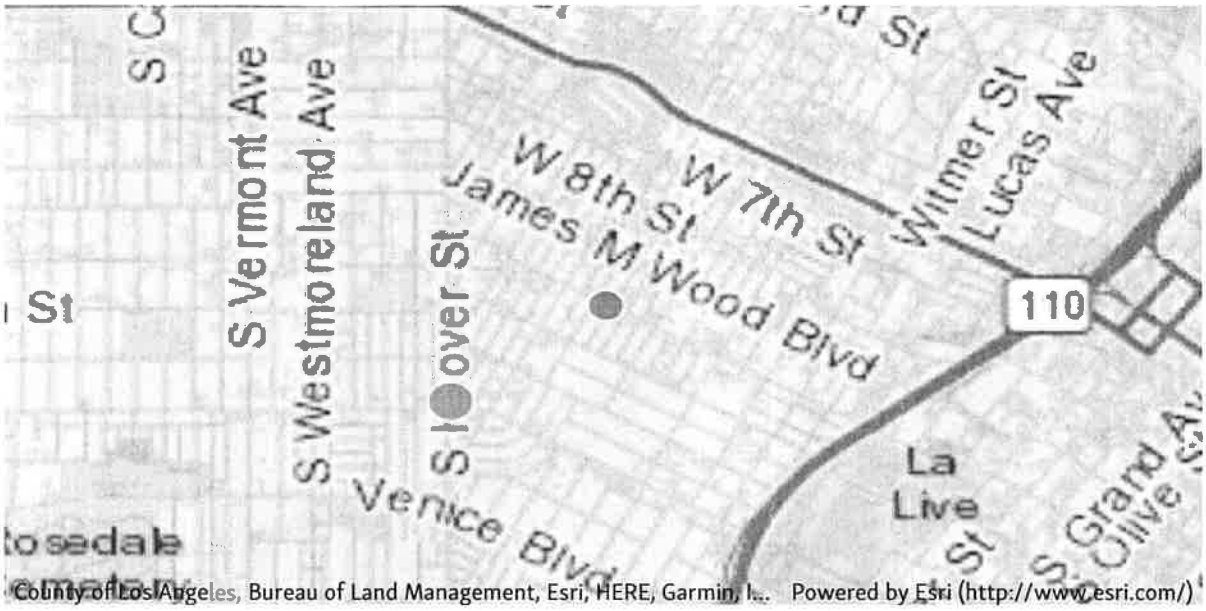
Emissions

Hearing Board

Cases from Year 2003

This Facility has no Hearing Board Cases

EL POLLO LOCO # 5502



Address: 1934 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 65231

Status: ACTIVE

Back Fees Due: No.

SIC Code

5812 EATING PLACES

Equipment List

2 Results

Sort: Application Number

353513 (.EquipmentListModal)

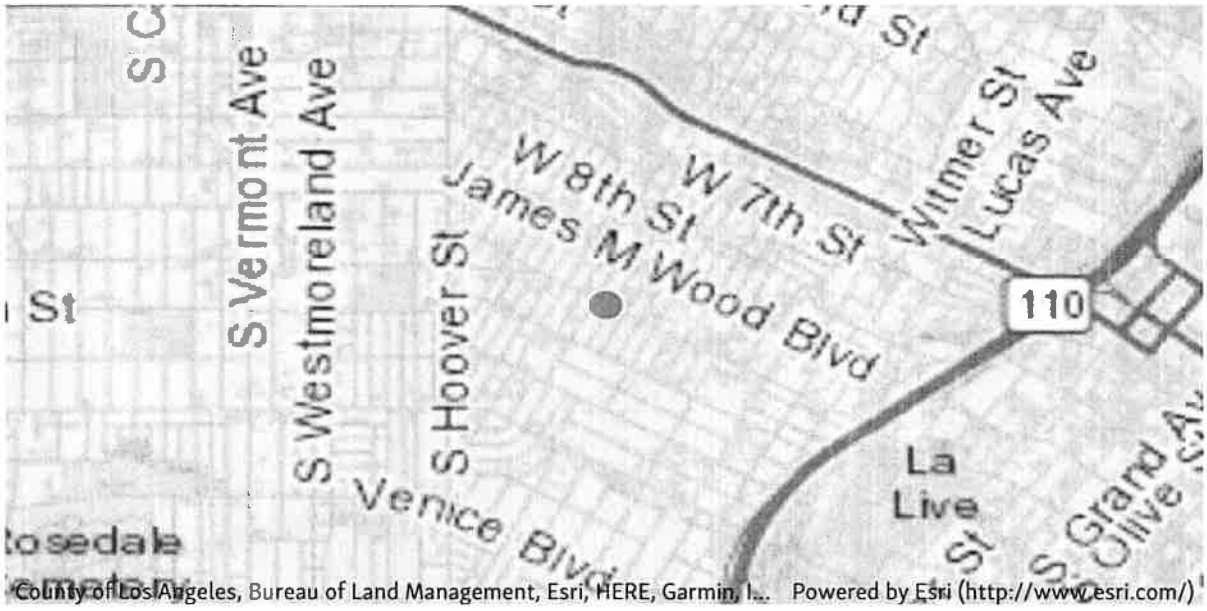
CHARBROILER - NATURAL GAS

Application Status : PERMIT TO OPERATE GRANTED

Permit Status : ACTIVE

Permit Number: F31434

EL POLLO LOCO # 5502



Address: 1934 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 65231

Status: ACTIVE

Back Fees Due: No.

SIC Code

5812 EATING PLACES

Equipment List

Compliance

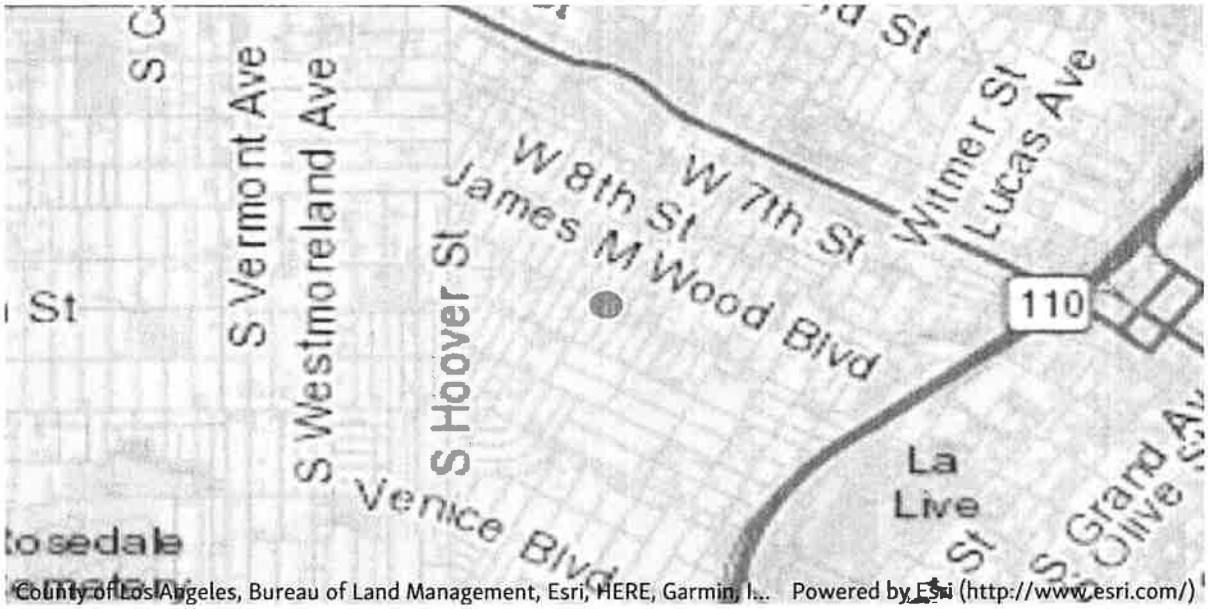
Notices of Violation

NONE

Notices to Comply

NONE

EL POLLO LOCO # 5502



Address: 1934 W OLYMPIC BLVD, LOS ANGELES, CA 90006

Facility ID: 65231

Status: ACTIVE

Back Fees Due: No.

SIC Code

5812 EATING PLACES

Equipment List

Compliance

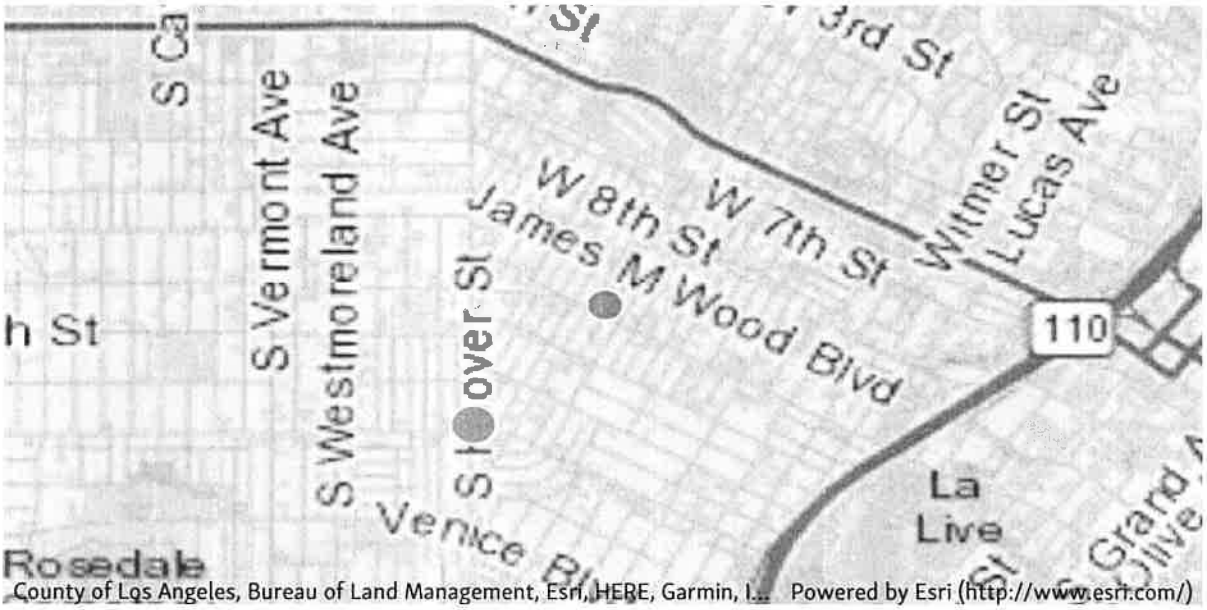
Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

LEE IN KU'S MOBIL



Address: 958 S ALVARADO ST, LOS ANGELES, CA 90006

Facility ID: 174742

Status: ACTIVE

Back Fees Due: No.

SIC Code

5541 GASOLINE SERVICE STATIONS

Equipment List

3 Results

Sort: Application Number

608762 (.EquipmentListModal)

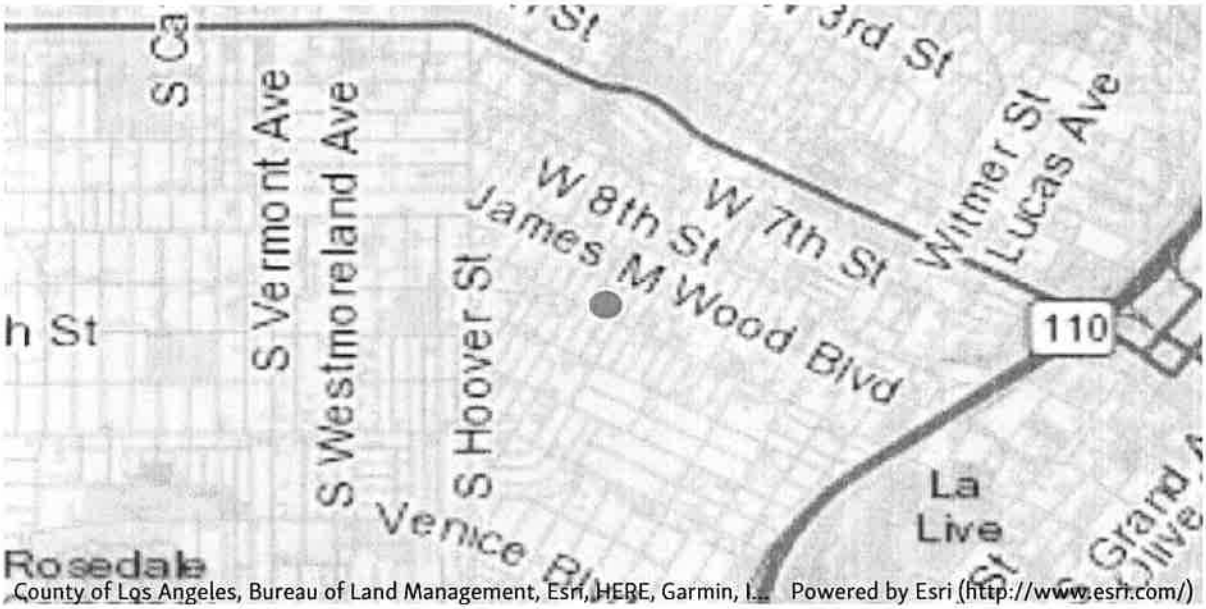
SERV STAT STORAGE & DISPENSING GASOLINE

Application Status : PERMIT TO OPERATE GRANTED

Permit Status : ACTIVE

Permit Number: N31659

LEE IN KU'S MOBIL



Address: 958 S ALVARADO ST, LOS ANGELES, CA 90006

Facility ID: 174742

Status: ACTIVE

Back Fees Due: No.

SIC Code

5541 GASOLINE SERVICE STATIONS

Equipment List

Compliance

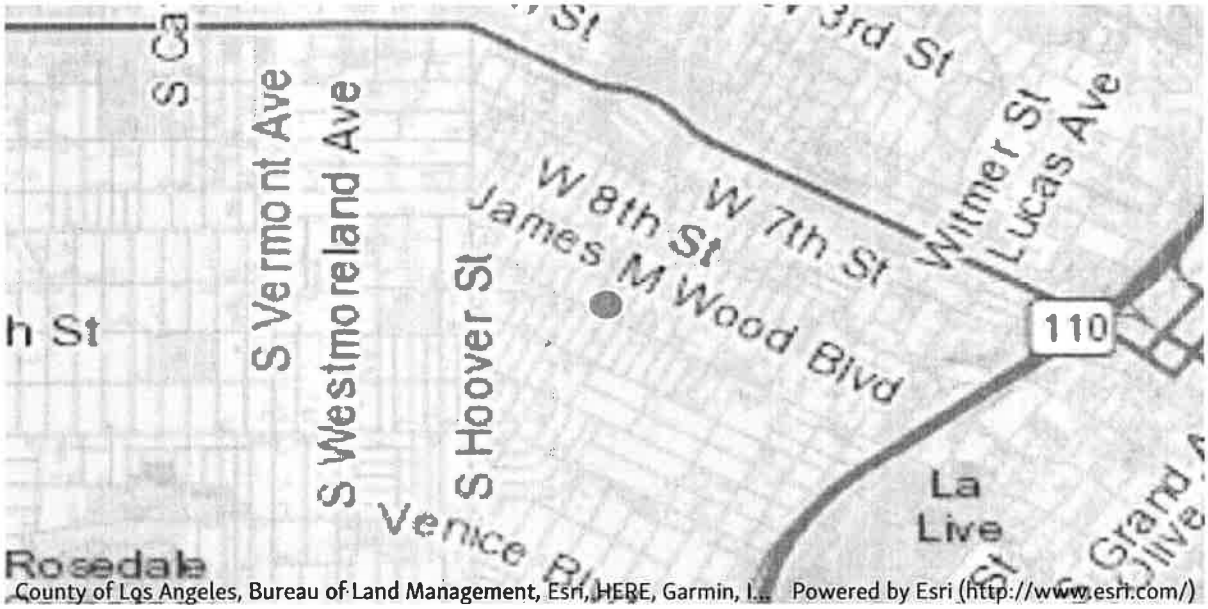
Notices of Violation

NONE

Notices to Comply

NONE

LEE IN KU'S MOBIL



Address: 958 S ALVARADO ST, LOS ANGELES, CA 90006

Facility ID: 174742

Status: ACTIVE

Back Fees Due: No.

SIC Code

5541 GASOLINE SERVICE STATIONS

Equipment List

Compliance

Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

CATHOLIC KOLPING SOCIETY

Address: 1225 S UNION AVE, LOS ANGELES, CA 90015

Facility ID: 125964

Status: ACTIVE

Back Fees Due: No.

SIC Code
9999 UNKNOWN

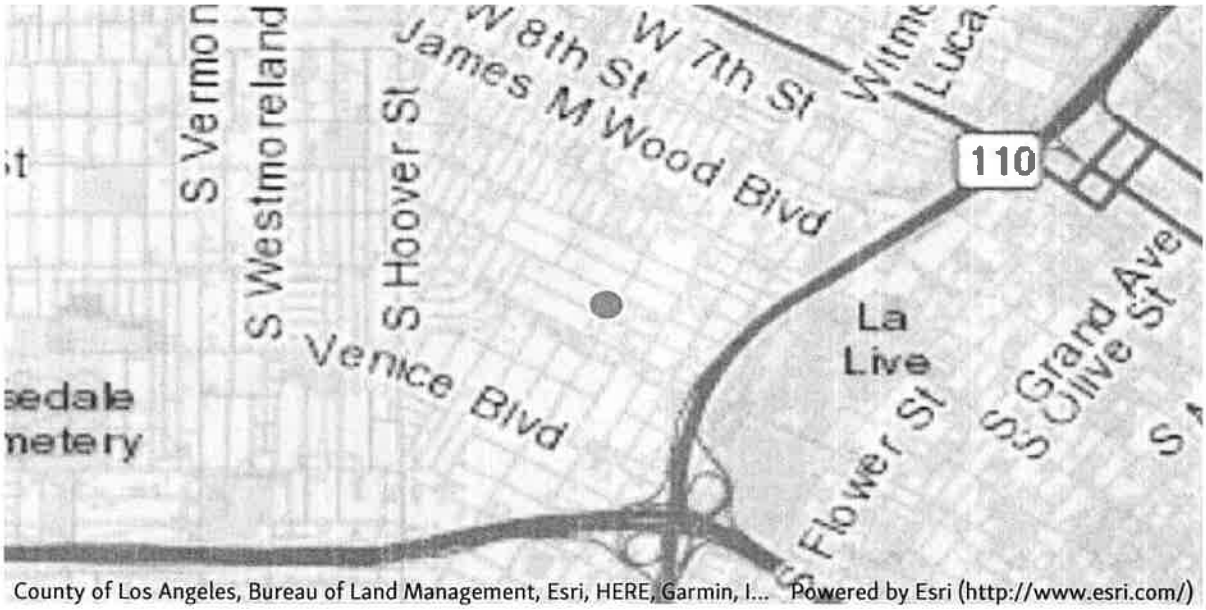
Equipment List

1 Results

Sort: Application Number

377882 (.EquipmentListModal)
BOILER-(<2MMBTU/HR) R-222
Application Status : BANKING/ PLAN GRANTED, NON BILLABLE
Application Date : 12/13/2000
Type : Basic

CATHOLIC KOLPING SOCIETY



Address: 1225 S UNION AVE, LOS ANGELES, CA 90015

Facility ID: 125964

Status: ACTIVE

Back Fees Due: No.

SIC Code
9999 UNKNOWN

Equipment List

Compliance

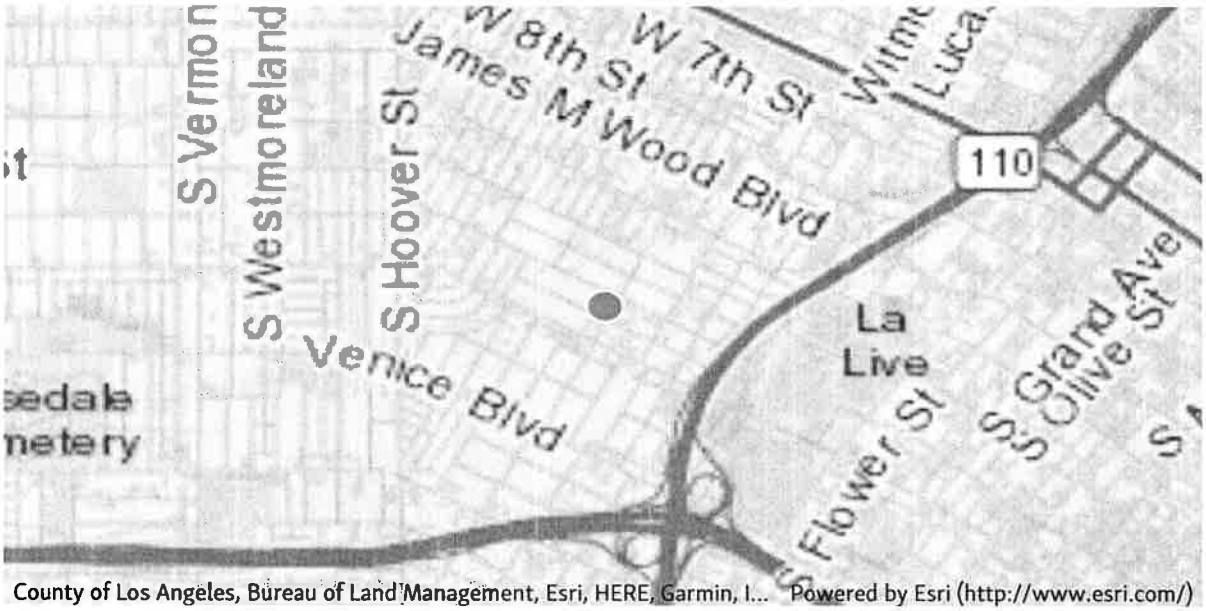
Notices of Violation

NONE

Notices to Comply

NONE

CATHOLIC KOLPING SOCIETY



Address: 1225 S UNION AVE, LOS ANGELES, CA 90015

Facility ID: 125964

Status: ACTIVE

Back Fees Due: No.

SIC Code

9999 UNKNOWN

Equipment List

Compliance

Emissions

AER Year:

2018 (.AERListModal) / **No Data**

2017 (.AERListModal) / **No Data**

Appendix B – Water Pipeline Analysis

Appendix

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Table A

Water Pipeline Analysis

1700 W. Olympic Boulevard - Bright Star Schools

Street Flow						
Pipeline Diameter (in)	Pipeline Location	Release Rate (cfs)	Street Width (ft)	Depth of Flow in Street (in)	Curb Height (in)	Exceeds Street Capacity?
24	12th Street	15.71	40	5.2	6	No
20	8th Street	10.91	55	4.9	6	No
12	11th Street	3.93	40	3.0	6	No
12	Union Avenue	3.93	42	2.8	6	No
12	James M. Wood Blvd.	3.93	50	3.1	6	No

Modified Manning's Equation Solver

Version: 3.0<>1/17/2020 9:52:23 AM

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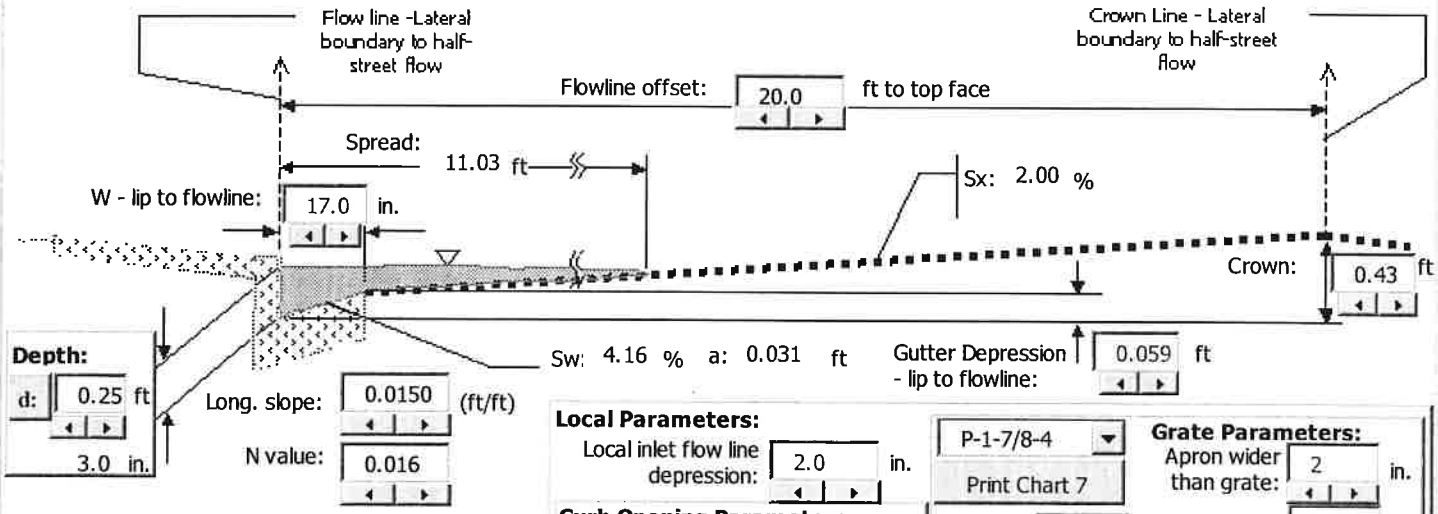
Parameters | Composite Triangular Sections | Head - Discharge Table | Assumptions | Inlet Geometry | Disclaimer



Street Parameters:

Q:	3.93	cfs
K:	32.1	
Vel:	3.18	ft/s
Eo:	33.3	%
W/T:	0.1284	

Standard Manning's:

Q:	3.22	cfs
K:	26.3	
Vel:	2.60	ft/s
Rh:	0.11	ft
Area:	1.24	sf

Local Parameters:

Local inlet flow line depression: 2.0 in.

Curb Opening Parameters:

C-O Apron wider than gutter: 0 in.

S'w 13.9 % Se: 6.64 %

Length of curb opening inlet: 12.0 ft

Lt: 18.40 ft

80 % Clear Efficiency 73.5 %

Curb opening flowby: 1.04 cfs

P-1-7/8-4

Print Chart 7

Grate Parameters:

Apron wider than grate: 2 in.

Length: 48 in. Width: 22 in.

% Factor 50 % Factor 50

Splash-over Vel: 7.41 ft/s Vel over grate: 3.54 ft/s

Eo: 98.63 %

Rs: 6.58 % Rf: 100.00 %

Side flow captured: 0.03 cfs Frontal captured: 0.51 cfs

Total combined CB flowby: 0.49 cfs

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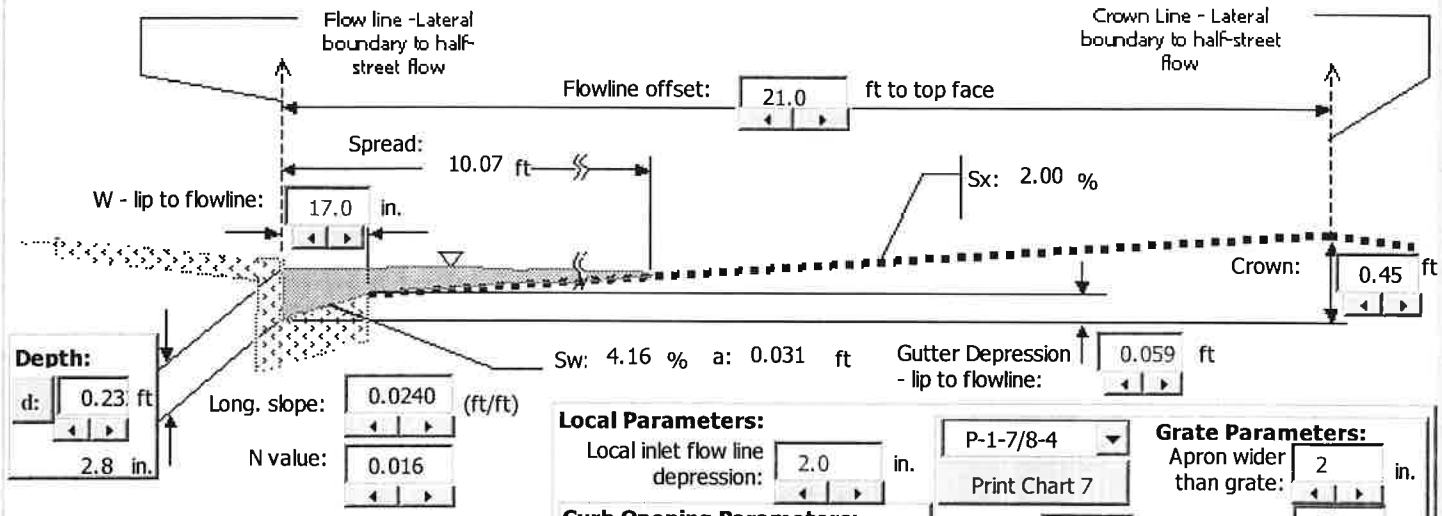

Local Parameters:

Local inlet flow line depression: 2.0 in.

Curb Opening Parameters:

C-O Apron wider than gutter: 0 in.

S'w 13.9 % Se: 7.05 %

Length of curb opening inlet: 12.0 ft

Lt: 20.43 ft

80 % Clear Efficiency 68.1 %

Curb opening flowby: 1.25 cfs

P-1-7/8-4

Print Chart 7

Grate Parameters:

Apron wider than grate: 2 in.

Length: 48 in. Width: 22 in.

% Factor 50 % Factor 50

Splash-over Vel: 7.41 ft/s Vel over grate: 4.42 ft/s

Eo: 99.10 %

Rs: 4.42 % Rf: 100.00 %

Side flow captured: 0.03 cfs Frontal captured: 0.62 cfs

Total combined CB flowby: 0.60 cfs

Street Parameters:

Q:	3.93	cfs
K:	25.4	
Vel:	3.80	ft/s
Eo:	36.3	%
W/T:	0.1407	

Standard Manning's:

Q:	3.21	cfs
K:	20.7	
Vel:	3.11	ft/s
Rh:	0.10	ft
Area:	1.03	sf

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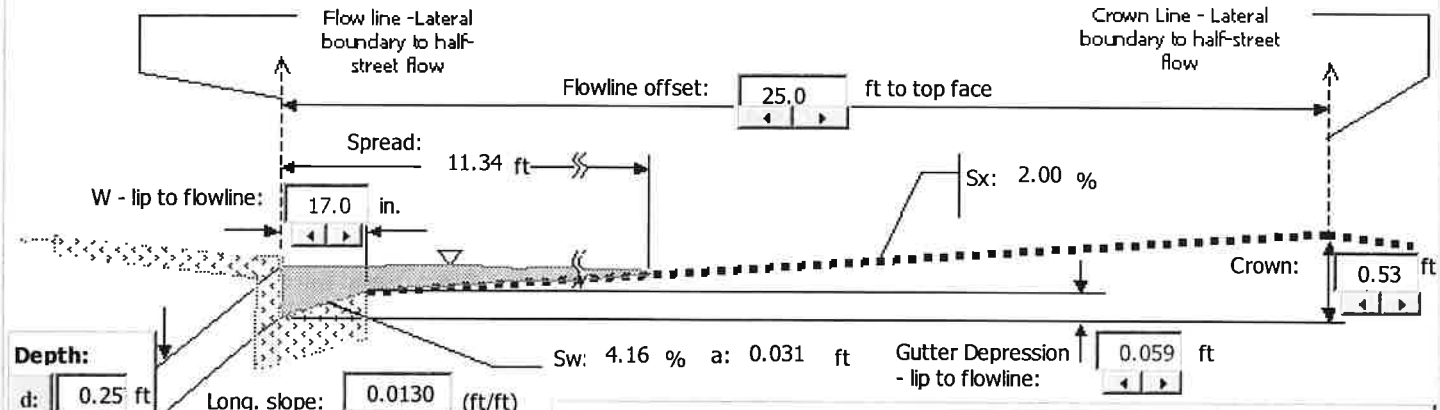
Parameters | Composite Triangular Sections | Head - Discharge Table | Assumptions | Inlet Geometry | Disclaimer



Depth:

d: 0.25 ft

3.1 in.

Long. slope: 0.0130 (ft/ft)

N value: 0.016

Local Parameters:

Local inlet flow line depression: 2.0 in.

Curb Opening Parameters:

C-O Apron wider than gutter: 0 in.

S'w 13.9 % Se: 6.52 %

Length of curb opening inlet: 12.0 ft

Lt: 17.81 ft

80 % Clear Efficiency 75.2 %

Curb opening flowby: 0.98 cfs

P-1-7/8-4

Print Chart 7

Grate Parameters:

Apron wider than grate: 2 in.

Length: 48 in. Width: 22 in.

% Factor 50 % Factor 50

Splash-over Vel: 7.41 ft/s Vel over grate: 3.30 ft/s

Eo: 98.56 %

Rs: 7.42 % Rf: 100.00 %

Side flow captured: 0.04 cfs Frontal captured: 0.48 cfs

Total combined CB flowby: 0.46 cfs

Street Parameters:

Q:	3.93	cfs
K:	34.5	
Vel:	3.01	ft/s
Eo:	32.5	%
W/T:	0.1250	

Standard Manning's:

Q:	3.22	cfs
K:	28.3	
Vel:	2.47	ft/s
Rh:	0.11	ft
Area:	1.31	sf

Modified Manning's Equation Solver
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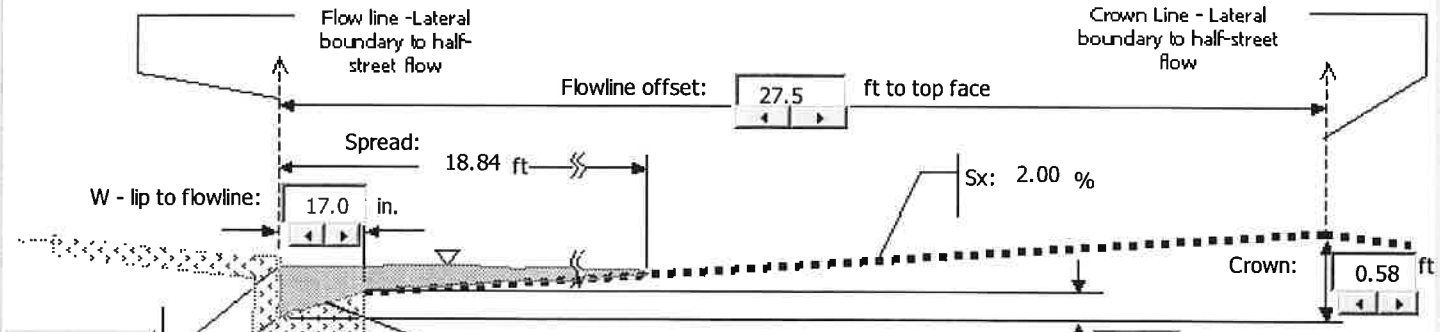
Parameters | Composite Triangular Sections | Head - Discharge Table | Assumptions | Inlet Geometry | Disclaimer



Depth:
d: 0.40 ft
4.9 in.

Long. slope: 0.0070 (ft/ft)
N value: 0.016

Sw: 4.16 % a: 0.031 ft

Gutter Depression - lip to flowline: 0.059 ft

Local Parameters:
Local inlet flow line depression: 2.0 in.

Curb Opening Parameters:
C-O Apron wider than gutter: 0 in.
S'w 13.9 % Se: 4.77 %
Length of curb opening inlet: 12.0 ft
Lt: 27.41 ft
80 % Clear Efficiency 54.0 %
Curb opening flowby: 5.02 cfs

P-1-7/8-4
Print Chart 7

Grate Parameters:
Apron wider than grate: 2 in.
Length: 48 in. Width: 22 in.
% Factor 50 % Factor 50
Splash-over Vel: 7.41 ft/s Vel over grate: 3.83 ft/s
Eo: 50.79 %
Rs: 8.84 % Rf: 100.00 %
Side flow captured: 0.33 cfs Frontal captured: 1.27 cfs
Total combined CB flowby: 3.41 cfs

Street Parameters:
Q: 10.91 cfs
K: 130.4
Vel: 3.06 ft/s
Eo: 19.9 %
W/T: 0.0752

Standard Manning's:
Q: 9.00 cfs
K: 107.6
Vel: 2.53 ft/s
Rh: 0.19 ft
Area: 3.57 sf

Modified Manning's Equation Solver

Version: 3.0<>1/17/2020 9:52:23 AM

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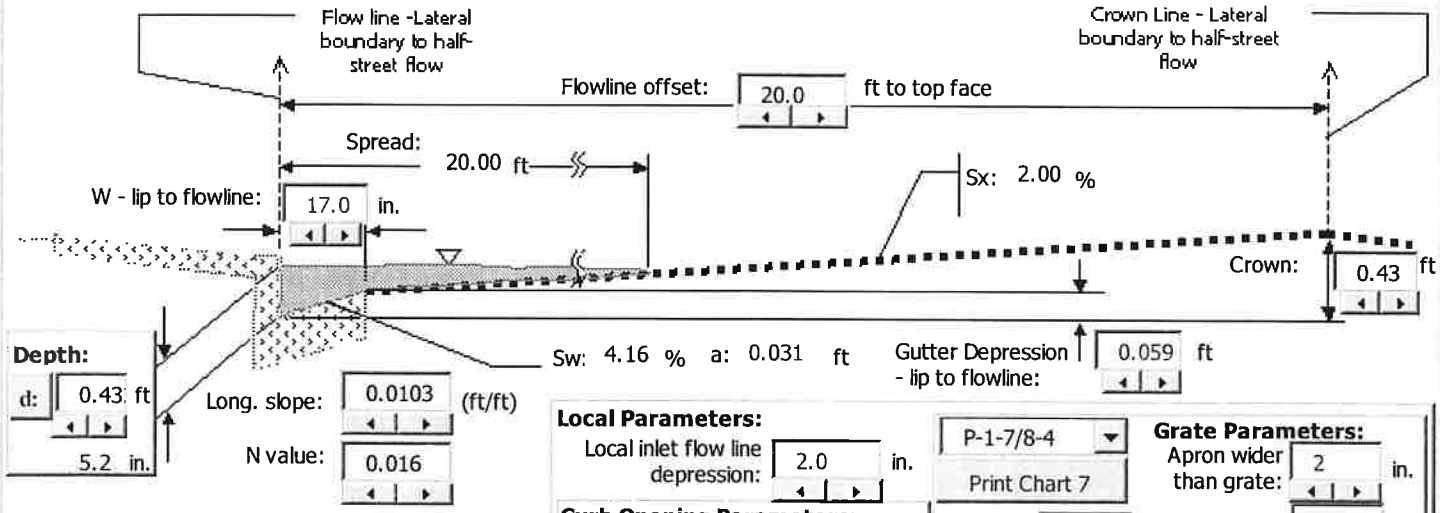
Print | Save | Quit

Parameters | Composite Triangular Sections | Head - Discharge Table | Assumptions | Inlet Geometry | Disclaimer



Street Parameters:

Q:	15.71	cfs
K:	154.8	
Vel:	3.87	ft/s
Eo:	18.7	%
W/T:	0.0708	

Standard Manning's:

Q:	13.01	cfs
K:	128.2	
Vel:	3.21	ft/s
Rh:	0.20	ft
Area:	4.06	sf

Local Parameters:

Local inlet flow line depression: 2.0 in.

Curb Opening Parameters:

C-O Apron wider than gutter: 0 in.

S'w 13.9 % Se: 4.60 %

Length of curb opening inlet: 12.0 ft

Lt: 36.67 ft

80 % Clear Efficiency 42.1 %

Curb opening flowby: 9.10 cfs

P-1-7/8-4

Print Chart 7

Grate Parameters:

Apron wider than grate: 2 in.

Length: 48 in. Width: 22 in.

% Factor 50 % Factor 50

Splash-over Vel: 7.41 ft/s Vel over grate: 5.08 ft/s

Eo: 42.62 %

Rs: 5.69 % Rf: 100.00 %

Side flow captured: 0.41 cfs Frontal captured: 1.94 cfs

Total combined CB flowby: 6.75 cfs

Appendix D. Phase I Environmental Site Assessment

Appendices

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December 2020 | Phase I Environmental Site Assessment

Proposed 1700 W. Olympic Boulevard School

for Bright Star Schools

Prepared for:

Bright Star Schools
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Executive Summary

PlaceWorks has performed a Phase I Environmental Site Assessment (ESA) on behalf of Bright Star Schools for the proposed development of a school site at 1700 West Olympic Boulevard in the City of Los Angeles, Los Angeles County, California (Figures 1 and 2). The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Our conclusions are intended to help the user evaluate the "environmental risk" associated with the site, as defined in the ASTM E 1527-13 Standard, and discussed in the Introduction section of this report. The research conducted for this study and the report prepared are in conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard. The Phase I ESA also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites.

The approximately 1-acre site at 1700 West Olympic Boulevard is identified with Assessor's Parcel Numbers [APNs] 5137-017-014. The project site is currently utilized for private parking with about 60 spaces; only minor structures (i.e., a parking attendant booth and storage bins/sheds) within the boundaries of the project site. The project site is in the Westlake Community Plan area in the City of Los Angeles. The site is over 1,900 feet northwest of State Route 110 (SR-110 or Harbor Freeway) and is bounded by Olympic Boulevard to the north northeast, Beacon Avenue to the east southeast, and a commercial building to the west northwest. Regional access to the project site is provided by Olympic Boulevard to the north-northeast. The project site is approximately 0.47-mile southeast of MacArthur Park. The site is surrounded by a highly developed mix of commercial, educational, and residential properties. Figure 3 is an aerial photograph showing current site conditions and the outline of the site boundaries.

Bright Star Schools will be developing the proposed Rise Kohyang Middle School on the project site. The new charter middle school would have a capacity of 452 students in grades 6-8 and would consist of a four-story, 74,276-square-foot building with underground parking. The development of the school will be funded by the State and will require approvals and permits from Division of State Architect, California Department of Education, and DTSC.

The project site was developed in the early 1900s with several structures for residential and commercial use. By 1950 the site was occupied with 13 structures including a shop, garages, and residential dwellings. From 1977 until 2002, the project site no longer had any structures and remained vacant undeveloped land. From 2002 until 2015 the project site was occupied by two temporary buildings used as a church and a shop. The church and shop buildings were removed in 2015. Figure 4 shows the locations of historic buildings at the site from approximately the 1900s to 1977 and from 2002 to 2016 based on a review of historic information.

The City of Los Angeles Fire Department maintains records on active Underground Storage Tanks (USTs), active Hazardous Materials sites, inactive USTs, inactive hazardous materials sites, and historical UST records.

Executive Summary

These sites are listed by address on the LAFD website and if the address is not listed on their website, they do not have documentation pertaining to that address. The project site at 1700 W Olympic Boulevard was not listed on the LAFD in any of the above-mentioned categories or on any of the environmental databases searched as part of this assessment.

The objective of a Phase I is to assess whether "recognized environmental conditions" (REC), historical RECs (HREC), and controlled RECs (CREC) are associated with the subject site. Our conclusions are intended to help the user evaluate the "business environmental risk" associated with the subject site. Our opinion regarding RECs potential impact on the subject site is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, and our experience evaluating similar sites.

RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

The ASTM E 1527-13 Standard defines an REC in part as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

This assessment has revealed no evidence of RECs in connection with the project site following the ASTM standard. In addition, the project site is not located in a City of Los Angeles Methane Zone according to the City of Los Angeles Department of City Planning (ZIMAS, 2019).

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECs)

The ASTM E 1527-13 Standard defines an HREC as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

This assessment has revealed no evidence of HRECs or known environmental conditions in connection with the project site following the ASTM standard.

CONTROLLED RECS ENVIRONMENTAL CONDITIONS

The Standard also requires the identification of controlled RECs (CRECs). The ASTM Standard defines CRECs as

> "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

This assessment has revealed no evidence of CRECs in connection with the project site following the ASTM standard.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL PROTOCOL

Based on a review of historical information; structures have occupied the subject site since 1900. Due to the time period of the development of the project site, the DTSC requires testing to assess for potential impacts to soil from lead-based paint and organochlorine pesticides from possible termiticide usage for school sites. PlaceWorks recommended a Phase I Environmental Site Assessment Addendum be implemented to collect soil samples in the project area to assess potential impacts from historic structures following DTSC's *Interim Guidance for Evaluating 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* dated June 2006. Soil sampling was implemented as part of the Phase I Addendum which concluded that approximately 9 cubic yards of soil exceeds DTSC screening levels for lead and the organochlorine pesticide (OCP) dieldrin in surface soil. The Phase I ESA Addendum is included in Appendix D of this report.

SUMMARY AND RECOMMENDATIONS

Based on the results of this assessment, REC, CRECs, and HRECs were not identified for the project site. A Phase I Addendum determined that there were elevated concentrations of lead and the OCP dieldrin in surface soil in some of the sample locations at the site due to historic structures. Based on the screening level risk assessment that was implemented for the site, the risk estimate using the maximum concentrations of OCPs, exceed 1E-06, but is within the risk management range. Using the 95 % UCL concentrations, the estimated carcinogenic risk is below 1E-06. Based on the risk calculations, PlaceWorks is recommending no further action for OCPs.

To address the elevated lead found at the northeast corner of the site, the central east area, the center west, the middle and southwest corner, it is recommended that approximately 9 cubic yards of soil be excavated at the site and transported off-site following lawful disposal as non-hazardous, non-RCRA (State) hazardous or RCRA hazardous waste,

This Phase I ESA with Addendum is being submitted to the DTSC as a Preliminary Environmental Assessment (PEA) equivalent. An Environmental Oversight Application (EOA) is being submitted concurrently.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal site or solid waste disposal site. Based on site inspection and information reviewed for preparation of this report, the project school site is not located on a current or former disposal site.

The remainder of this report contains additional information regarding the Phase I ESA work performed, the findings summarized above, and any limitations.

1. Introduction

This Phase I Environmental Site Assessment (Phase I) was performed in general conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) E 1527-13 Standard on behalf of Bright Star Schools for the proposed school site located at 1700 West Olympic Boulevard, City of Los Angeles, Los Angeles County, California (Figures 1 and 2). The Phase I was performed in conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Our conclusions are intended to help the user evaluate the "environmental risk" associated with the site, as defined in the ASTM E 1527-13 Standard. Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites were also followed in preparing this assessment (DTSC 2001).

The approximately 1-acre site located at 1700 West Olympic Boulevard is identified with Assessor's Parcel Numbers [APNs] 5137-017-014. The project site is currently utilized for private parking with about 60 spaces; only minor structures (i.e., a parking attendant booth and storage bins/sheds) within the boundaries of the project site. The project site was developed in the early 1900s with several structures for residential and commercial use. By 1950 the site was occupied with 13 structures including a shop, garages, and residential dwellings. From 1977 until 2002, the project site no longer had any structures and remained vacant undeveloped land. From 2002 until 2015 the project site was occupied by two temporary buildings used as a church and a shop. The church and shop buildings were removed in 2015. Figure 4 shows the locations of historic buildings at the site from approximately the 1900s to 1977 and from 2002 to 2016 based on a review of historic information.

The site is over 1,900 feet northwest of State Route 110 (SR-110 or Harbor Freeway) and is bounded by Olympic Boulevard to the north northeast, Beacon Avenue to the east southeast, and a commercial building to the west northwest. Regional access to the project site is provided by Olympic Boulevard to the north northeast. The project site is approximately 0.47-mile southeast of MacArthur Park. The site is surrounded by a highly developed mix of commercial, educational, and residential properties. Figure 3 is an aerial photograph showing current site conditions and the outline of the site boundaries.

Bright Star Schools will be developing the proposed Rise Kohyang Middle School on the project site. The new charter middle school would have a capacity of 452 students in grades 6-8 and would consist of a four-story, 74,276-square-foot building with underground parking. The development of the school will be funded by the State and will require approvals and permits from Division of State Architect, California Department of Education, and DTSC.T

1. Introduction

1.1 OBJECTIVES

The primary objective of the Phase I ESA was to identify historical and/or current activities that resulted in, or potentially could have resulted in, environmental impairment to the school Site through the release of hazardous substances (including petroleum compounds) to soil, soil vapor, groundwater, or surface water. Both on-site and off-site sources of potential environmental concern were considered. The possible presence of naturally occurring hazardous materials, such as methane or radon, was also evaluated. Potentially hazardous environmental conditions, if identified, generally warrant additional investigation and/or a cleanup response. The objective of this assessment was to identify the potential presence of Recognized Environmental Conditions (RECs) in connection with the subject site. RECs are defined by ASTM as

> "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

In addition, the Standard requires the identification of historical RECs (HRECs) and known or suspect environmental conditions in the Phase I report. The standard defines historical RECs as

> "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

The Standard also requires the identification of controlled RECs (CRECs). The ASTM Standard defines CRECs as

> "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

Our conclusions are intended to help the user evaluate the "environmental risk" associated with the site, defined by ASTM as "a risk which can have a material environmental or environmentally-driven financial impact on the business associated with the current or planned use of a parcel of commercial real estate. Consideration of environmental risk issues may involve addressing one or more non-scope considerations."

1.2 SITE IDENTIFICATION

The 1-acre project site is located at the of the southwest corner of the intersection of Olympic Boulevard and Beacon Avenue at 1700 W. Olympic Boulevard, Los Angeles, Los Angeles County, California (Figure 1). The site is located to the west of downtown Los Angeles. Figure 2, *Local Vicinity*, provides a map depicting the

general location of the project site and is identified with Assessor's Parcel Number [APN] 5137-017-014. Currently, there are only minor structures (i.e., a parking attendant booth and storage bins/sheds) on the project site and is a paved parking lot utilized for private parking as shown in Figure 3, *Aerial Photograph*.

Other addresses identified for the project site include 1702 and 1710 West Olympic Boulevard, 1001, 1003, 1005, 1007, 1011, 1011½, 1013, 1015, 1019, 1019½, 1023, 1025 and 1029 Beacon Avenue, Los Angeles, California.

Bright Star Schools is proposing build a new school on the 1-acre project site. The site is bounded by Beacon Avenue to the east and bounded by W. Olympic Boulevard to the north. Multi-family residential bounds the project site to the south and an alleyway followed by a commercial building bounds the project site to the west. Regional access to the site is provided by W. Olympic Boulevard. The project site is surrounded by a mix of commercial and residential properties. The nearest school is Tenth Street Elementary School, located approximately 746-feet to the east.

1.3 DETAILED SCOPE OF SERVICES

The Phase I ESA was conducted under the terms and conditions of PlaceWorks' proposal to Bright Star dated November 15, 2019. The scope of services was performed in substantial conformance with the United States Environmental Protection Agency (USEPA) *Standards and Practices for All Appropriate Inquiries* (40 CFR 312), the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (E 1527-13), and ASTM *Standard Practice for Vapor Encroachment Screening on Property Involved in Real Estate Transactions* (E 2600-15). PlaceWorks performed the following detailed scope of services to complete our Phase I assessment:

1) Visual observations of site conditions, and of adjoining property use, to evaluate the nature and type of activities that have been or are being conducted at and adjacent to the site, in terms of the potential for release or threat of release of hazardous substances or petroleum products.

2) Review of federal and state environmental database information within the ASTM- specified radii from the subject site using a database service to access records. Use of 7.5-minute topographic maps to evaluate the site's physical setting.

3) Review of federal and state environmental files, as necessary, pertaining to the subject site and nearby sites with the potential to impact the subject site.

4) Review of previous reports (if any) prepared for the subject site.

5) Review of historical aerial photographs.

6) Contacts with state and local agencies, as necessary, regarding the site and surrounding properties and structures.

7) Interviews with the Key Site Manager and property tenant representatives (if any). Interpretation of information and data assembled as a result of the above work tasks, and formulation

of conclusions regarding the potential presence and impact of RECs as defined by the ASTM E 1527-13 Standard.

1.4 NON-SCOPE CONDSIDERATIONS

The ASTM E 1527-13 Standard includes the following list of "additional issues" that are non-scope considerations outside of the scope of the ASTM Phase I practice: Asbestos-Containing Materials, Biological Agents, Radon, Lead-Based Paint, Lead in Drinking Water, Wetlands, Regulatory Compliance, Cultural and Historic Risks, Industrial Hygiene, Health and Safety, Ecological Resources, Endangered Species, Indoor Air Quality unrelated to releases of hazardous substances or petroleum products in the environment and mold.

A limited assessment of the presence of polychlorinated biphenyls (PCBs) is included in the ASTM work scope. Accordingly, the assessment of the presence of PCBs is limited to those potential sources specified in the ASTM E 1527-13 Standard as "electrical or hydraulic equipment known or likely to contain PCBs" to the extent visually and or physically observed or identified from the interview or records review.

1.5 EXCEPTIONS AND DEVIATIONS

PlaceWorks has completed this assessment in substantial conformance with ASTM E 1527-13. In our opinion, there were no exceptions, addition, deviations, or deletions made to the ASTM work scope.

1.6 LIMITATIONS

Our work for this project was performed generally consistent with the ASTM E 1527-13 Standard for Phase I Environmental Site Assessments. Several organizations other than ASTM, such as professional associations (e.g., ASFE and AGWSE) have also developed "guidelines" or "standards" for environmental site assessments. The Phase I presented herein is consistent with the ASTM E 1527-13 Standard, which may vary from the specific "guidelines" or "standards" required by other organizations.

This Report was prepared pursuant to an Agreement between Bright Star Schools and PlaceWorks. All uses of this Report are subject to, and deemed acceptance of, the conditions and restrictions contained in the Agreement. The observations and conclusions described in this Report are based solely on the Scope of Services provided pursuant to the Agreement. PlaceWorks has not performed any additional observations, investigations, studies, or other testing not specified in the Agreement. PlaceWorks shall not be liable for the existence of any condition the discovery of which would have required the performance of services not authorized under the Agreement.

This Report is prepared for the exclusive use of Bright Star Schools in connection with the proposed acquisition of the subject site. There are no intended beneficiaries other than Bright Star Schools. PlaceWorks shall owe no duty whatsoever to any other person or entity on account of the Agreement or the Report. Use of this Report by any person or entity other than Bright Star Schools for any purpose whatsoever is expressly forbidden unless such other person or entity obtains written authorization from the Bright Star Schools and from PlaceWorks. Use of this Report by such other person or entity without the written authorization of Bright Star

Schools and PlaceWorks shall be at such other person's or entity's sole risk, and shall be without legal exposure or liability to PlaceWorks.

Use of this Report by any person or entity, including by Bright Star Schools, for a purpose other than the site, is expressly prohibited unless such person or entity obtains written authorization from PlaceWorks indicating that the Report is adequate for such other use. Use of this Report by any person or entity for such other purpose without written authorization by PlaceWorks shall be at such person's or entity's sole risk and shall be without legal exposure or liability to PlaceWorks.

This Report reflects site conditions observed and described by records available to PlaceWorks as of the date of report preparation. The passage of time may result in significant changes in site conditions, technology, or economic conditions, which could alter the findings and/or recommendations of the report. Accordingly, Bright Star Schools and any other party to whom the report is provided recognize and agree that PlaceWorks shall bear no liability for deviations from observed conditions or available records after the time of report preparation.

The findings, conclusions, and recommendations contained in this report are based on site conditions as they existed at the time of our investigation. Our review of documents, lists, databases, and public agency files have been conducted with due diligence. However, our conclusions are based on available information and are subject to constraints imposed by public agencies on review procedures and information retrieval. As a result, PlaceWorks may have been unable to identify potential concerns. PlaceWorks assumes no responsibility for conditions that did not come to our attention despite reasonable care, or for conditions that were not generally recognizable as environmentally unacceptable at the time of this report. Opinions and judgments expressed are based on our understanding and interpretations of currently available regulatory standards and should not be construed as legal opinions or advice.

Use of this Report by any person or entity in violation of the restrictions expressed in this Report shall be deemed and accepted by the user as conclusive evidence that such use and the reliance placed on this Report, or any portions thereof, is unreasonable, and that the user accepts full and exclusive responsibility and liability for any losses, damages or other liability which may result.

1. Introduction

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2. Site Description

2.1 SITE LOCATION

The project site is in the Westlake Community Plan Area in the City of Los Angeles. There are 11 addresses associated with the site (Assessor's Parcel Number [APN] 5137-017-014): 1700 and 1710 West Olympic Boulevard, and 1001, 1003, 1005, 1007, 1011, 1015, 1019, 1023, 1029 South Beacon Avenue. The project site is over 1,900 feet northwest of the Harbor Freeway (SR-110), approximately 1.5 miles south of the Hollywood Freeway (US-101) and is bounded by Olympic Boulevard to the north-northeast, Beacon Avenue to the east southeast, and a commercial building to the west northwest. Regional access to the project site is provided by Olympic Boulevard to the north of the project. The project site is approximately 0.47-mile southeast of MacArthur Park.

2.1.1 Site Location Map

The United States Geological Survey (USGS) topographic maps for the site is the Hollywood, California Quadrangle. The USGS topographic maps were used as the source for site setting information. The site is in Los Angeles County at approximately 34.0494 north latitude and 118.2760 west longitude. The site is in Section 30 of Township 1 South, Range 13 West of the San Bernardino Base Line and Meridian.

Figure 1 shows the regional location and Figure 2 is a map showing the local vicinity. Topographic maps of the project site are included in Appendix A.

2.2 CURRENT SITE AND VICINITY DESCRIPTION

The site is currently utilized as a private parking lot with about 60 spaces; only minor structures (i.e., a parking attendant booth and storage bins/sheds). The site is fenced with a concrete block wall and chain-link gate on West Olympic Boulevard. To the east along Beacon Avenue is a 3-foot-tall concrete block wall topped with a 5-foot-tall iron fencing and an iron roller gate; along the alley to the west is a 6-foot-tall concrete block wall; to the south along the adjacent building is a 6-foot-tall concrete block wall. There are no trees on the project site and vegetation onsite is limited to small weedy patches.

There are homeless encampments along Beacon Avenue and the alley on the west. The project site is in an area of mixed residentials and commercial development. The site is bounded by West Olympic Boulevard, 10-story office building, commercial uses and multi-family residences to the north; Beacon Avenue; residential, commercial and institutional (church and school) uses to the east; an alley, 6-story office building and subterranean parking garage, and residential uses to the west; and residential uses to the south. The 10th Street Elementary School is approximately 500-feet to the east southeast of the project site.

2.3 DESCRIPTION OF ADJACENT OFF-SITE PROPERTIES

Based on observations during the site reconnaissance, land uses for the properties that immediately border the project site are listed below:

North West Olympic Boulevard borders the project site to the north followed by multi-family housing.

East Beacon Avenue borders the project site to the east followed by a commercial building, church and associated parking lot.

South Multi-family residential borders the project site.

West There is an alleyway followed by a commercial building and associated parking lot that borders the project.

The community that surrounds the project site currently is mix of dense residential and commercial development. No industrial uses were noted bordering the project site.

3. Environmental Setting

3.1 PHYSICAL SETTING

Subsurface explorations were not performed for this evaluation; therefore, site geology and hydrology were evaluated on the basis of readily available public information or references, and/or based upon our experience and understanding of subsurface conditions in the subject property area.

3.2 TOPOGRAPHY

The project site and vicinity are depicted on the 2012 United States Geologic Survey (USGS) Hollywood, California 7.5 Minute Quadrangle. The geographic coordinates for the project site are 34.0494 north latitude and 118.2760 west longitude. The project site lies at an approximate elevation of 250 feet above sea level. The topography in the site vicinity is somewhat hilly, with a general gradient toward the south. Topographic maps for the site are located in Appendix A.

3.2.1 Geologic Information

Based on a review of the United States Geological Survey (USGS) 7.5-minute Topographic Series, Hollywood, California Quadrangle Map (USGS 2012), the project site is located in within the Coastal Plain of Los Angeles County. The site is underlain by Holocene alluvium consisting of gravel, sand, and clay (Dibblee 1991). The subject site sits atop late to middle Pleistocene alluvial fan deposits (Yerkes and Campbell 2005).

The United States Department of Agriculture Natural Resources Conservation Services mapped the soil beneath the project site and is reported in the EDR radius report included in Appendix B. The soil component is listed as variable urban land.

No active faults are known to have been mapped within a half mile radius of the project site (DOC 2018). The site is not within or immediately adjacent (i.e., within a few hundred feet) to an Alquist-Priolo Earthquake Fault Zone (CGS 2005). The nearest Alquist-Priolo Earthquake Fault Zone is located approximately 4.0 miles north of the site. The project site is not located within the boundary of the Alquist-Priolo special study zone and it is not located within an earthquake fault zone.

3.2.2 Naturally Occurring Asbestos and Radon Gas

Based on a review of A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos (Department of Conservation, Division of Mines and Geology 2000) and Van Gosen and Clinkenbeard (2011), the project site is not located within a ten-mile radius or downstream from an area thought to contain naturally occurring asbestos (NOA).

3. Environmental Setting

The Indoor Radon Abatement Act of 1988 directs the United States Environmental Protection Agency to identify and lists areas of the United States with the potential for elevated indoor radon levels. The U.S. EPA's Map of Radon Zones assigns one of three zones based on radon potential:

- Zone 1 counties have a predicted average indoor radon screening level greater than 4 pico curies per liter (pCi/L)
- Zone 2 counties with a predicted average indoor radon screening level between 2 and 4 pCi/L
- Zone 3 counties with a predicted average indoor radon screening level less than 2 pCi/L

The California Department of Public Health Indoor Radon Program indicates that the site is within Zone 2. The California Department of Health Services recommends action to be taken to reduce radon levels inside buildings if they are 4 pCi/L or greater.

3.2.3 Hydrology: Groundwater and Surface Water Information

Based on an analysis of the topography in the subject site vicinity, sheet flow runoff from the site during periods of intense or prolonged precipitation would be expected to flow south. According to the FEMA Flood Map Center, the project site is map just outside of a 100-year flood zone (FEMA, 2018).

The project site is located within the Central Basin Pressure Area of the greater Los Angeles Basin. The groundwater in the Central Groundwater Basin is designated for municipal, agricultural, and industrial water supply beneficial use (AECOM 2016). No active groundwater wells are listed as being present within the vicinity or within one mile of the subject site. No wetlands were identified at the property or adjoining/immediately surrounding properties. Based on our review of groundwater data presented in the State Water Resources Control Board (SWRCB) GeoTracker website, groundwater was detected at a leaking underground storage tank site (1600 West Olympic Boulevard) approximately 200 feet southeast of the subject property at approximately 70-feet below ground surface. Water is supplied to the subject site by the City of Los Angeles through municipal supply lines and hookups.

Hydrological investigations were not performed on the project site for this investigation; therefore, it is unknown to what extent localized variations in groundwater presence and flow occur on the site.

3.2.4 Sensitive Receptors and Ecological Features

The subject site is located in City of Los Angeles, in a part of the city that has been highly developed for many decades. Therefore, sensitive environmental receptors such as wetlands or endangered species are not present on or near the project site. The area the project site is situated does not readily support threatened or endangered species or habitat critical for such species, and there does not appear to a significant pathway of exposure to ecologically sensitive species. Sensitive human receptors located within 0.25-mile radius of the Site include childcare, medical centers, and 10th Street Elementary School.

4. Site History and Background Information

Past usage of the site was assessed through review of historical aerial photographs, topographic maps, and databases. Copies of historical information reviewed are included in Appendix A.

The City of Los Angeles Fire Department (LAFD) keeps records on active Underground Storage Tanks (USTs), active Hazardous Materials sites, inactive USTs, inactive hazardous materials sites, and historical UST records. These sites are listed by address on the LAFD website and if the address is not listed on their website, they do not have documentation pertaining to that address. The project site at 1700 W Olympic Boulevard was not listed on the LAFD databases in any of the above-mentioned categories.

4.1 PREVIOUS REPORTS

A Phase I ESA prepared for 1700 West Olympic Boulevard on behalf of CK Hospitality Inc dated February 21, 2017 was reviewed. The Phase I ESA did not identify any RECs, HRECs, or CRECs and recommended no additional investigation. At the time of the Phase I ESA a small pile of construction debris including concrete blocks and bricks were observed that was considered a business risk. Sampling and proper disposal of the construction debris pile was recommended (EFI Global 2017). The site was being used for parking at the time and structures were not present at the site at the time of the 2017 Phase I ESA.

4.2 PAST USAGE OF THE SITE

Based on a review of historic information, the project site was developed for residential use from at least 1900. The 1900 Sanborn map shows a residential structure on the site, but it is unknown when the residence was constructed. From 1977 until around 2002, the project site was vacant and undeveloped. From 2002 until 2016 the project site was developed with two commercial structures. Currently, the project site is used for private parking with only minor structures (i.e., parking attendance booth and storage bins/sheds) present within the project boundaries. Figure 4 shows the locations of historic buildings at the site from approximately the 1900s to 1977 and during 2002 to 2016 based on a review of historic information.

4.2.1 Historical Aerial Photographs

Aerial photographs for the site obtained from EDR for the years of 1923, 1928, 1938, 1948, 1952, 1964, 1970, 1977, 1983, 1989, 1994, 2002, 2005, 2009, 2012, and 2016. Copies of the aerial photographs from the EDR report are included in Appendix A.

- 1923 – The quality of the aerial photograph is poor, and details are difficult to make out. However, there are a number of small structures are present within the project site boundaries. The surrounding area is built out.

4. Historical Documents Review

- 1928 – The project site and surrounding area appears relatively unchanged in comparison to the 1923 aerial photograph.
- 1938 – The project site and surrounding area appears relatively unchanged in comparison to the 1928 aerial photograph.
- 1948 – The project site and surrounding area appears relatively unchanged in comparison to the 1938 aerial photograph.
- 1952 – The project site and surrounding area appears relatively unchanged in comparison to the 1948 aerial photograph
- 1964 – The project site and surrounding area appears relatively unchanged in comparison to the 1952 aerial photograph.
- 1970 – The project site and surrounding area appears relatively unchanged in comparison to the 1964 aerial photograph.
- 1977 – There are three structures south of what appears to be a parking lot along the northern portion of the project site.
- 1983 – Structures are no longer present within the project site.
- 1989 – The entire project site is a paved parking lot.
- 1994 – The project site and surrounding area appears relatively unchanged in comparison to the 1989 topographic map.
- 2002 – There are two structures marked on the western edge of the project site. One structure is square in shape and the other is oval.
- 2005 – The project site and surrounding area appears relatively unchanged in comparison to the 2002 aerial photograph.
- 2009 – The site and surrounding area appear relatively unchanged in comparison to the 2005 aerial photograph.
- 2012 – The site and surrounding area appear relatively unchanged in comparison to the 2009 aerial photograph.
- 2016 – Structures are no longer present within the project site.

4.2.2 Historical Sanborn Maps

Sanborn maps for the site obtained from EDR for the years of 1900, 1906, 1950, 1953, 1955, 1958, 1960, 1962, 1963, 1967, 1968, 1970. Copies of the Sanborn maps from the EDR report are included in Appendix A.

4. Historical Documents Review

- 1900 – One dwelling structure with a shed and a horse stable is located within the project site. The properties surrounding the project site also have residential dwellings with stables and accessory dwellings. East of the project site there is a Presbyterian Church marked on the map.
- 1906 – In total there are seven structures depicted within the project site boundaries, three of the structures are residential and the remaining structures are outbuildings. The residential dwelling in 1900 remains with a new residential structure located to the north and one to the south. The outbuildings are located along the alley way.
- 1950 – There are 12 total structures within the project site boundary. At the northwestern corner of the intersection of W. Olympic Boulevard and Beacon Avenue there is a store depicted. There are two garages, and the rest of the structures present are dwellings. The surrounding area is predominately residential dwellings, a mix of apartments and single-family dwellings. Southwest of the project site, along W. 11th Street there is a cluster of stores.
- 1953 – The project site appears relatively unchanged in comparison to the 1950 Sanborn map. There are more shops, offices, and auto repair type businesses appearing in the surrounding area.
- 1955 – The project site appears relatively unchanged in comparison to the 1953 Sanborn map. North northwest of the project site across W. Olympic Boulevard there is a gasoline service station.
- 1958 – The project site and surrounding area appears relatively unchanged in comparison to the 1955 Sanborn map.
- 1960 – The project site and surrounding area appears relatively unchanged in comparison to the 1958 Sanborn map.
- 1962 – The project site appears relatively unchanged in comparison to the 1960 Sanborn map. Southeast of the project site across Beacon Avenue there is a printing shop.
- 1963 – The project site and surrounding area appears relatively unchanged in comparison to the 1962 Sanborn map.
- 1967 – The northern most garage and two dwellings within the project site are no longer present. The shop in the northeastern corner is still present as well as the other dwelling structures that occupy the middle to southern portion of the project site. The surrounding area appears relatively unchanged in comparison to the 1963 Sanborn map.
- 1968 – The project site appears relatively unchanged in comparison to the 1967 Sanborn map. West of the project site, the dwelling structures have been replaced with an office building with an open deck garage with a 200-car capacity.
- 1970 – The project site and surrounding area appears relatively unchanged in comparison to the 1968 Sanborn map.

4. Historical Documents Review

4.2.3 Historical Topographic Maps

Topographic maps obtained from EDR were reviewed for the subject site for the years of 1898, 1900, 1902, 1920, 1921, 1928, 1953, 1966, 1972, 1981, 1991/1994, and 2012. Copies of the topographic maps are included in Appendix A.

- 1898 – There are no structures marked on within the project site boundaries.
- 1900 – The project site appears relatively unchanged in comparison to the 1898 topographic map.
- 1902 – The project site appears relatively unchanged in comparison to the 1900 topographic map.
- 1920 – The topographic map shows numerous structures extending along the eastern boundary of the project site.
- 1921 – The project site appears relatively unchanged in comparison to the 1920 topographic map.
- 1928 – There are three distinct structures marked along the eastern boundary of the project site.
- 1953 – The project site and surrounding area are in an area of the topographic map that is highlighted in omission tint, reflecting a lot of buildup in the area.
- 1966 – The project site and surrounding area appear relatively unchanged in comparison to the 1953 topographic map.
- 1972 – The project site and surrounding area appear relatively unchanged in comparison to the 1966 topographic map.
- 1981 – The project site and surrounding area appear relatively unchanged in comparison to the 1972 topographic map.
- 1991/1994 – The project site and surrounding area appear relatively unchanged in comparison to the 1981 topographic map.
- 2012 – Only streets and topography are depicted in modern topographic maps.

4.2.4 Building Permits

The Build Permits Report provided by EDR identified twenty-eight building permit items that were listed for the project site addresses of 1700 West Olympic Boulevard. The building permits searched by EDR were for the years 1919 through 2019 with the City of Los Angeles Department of Building and Safety. The project site is listed for the years 1997, 1998, 1999, 2010, 2014, and 2017. The EDR Building Permit Report is included in Appendix A. Most of the building permits related to routine building activities, including plumbing, electrical repair, HVAC, updating disability access, and general building repairs. A permit dated December 2, 2014 was for demolition of the church structure and a permit issued December 19, 1997 was for the installation of a prefabricated temporary structure to be used as a church for a period of 18 months. Another permit was issued

on September 16, 1997 for grading of the site for the church and daycare center structure. A permit was issued in 1948 for the construction of a retail store (structure that was located near the northeast corner of the site as seen in the Sanborn maps.).

4.2.5 City Directory Review

EDR provided an EDR-City Directory of the subject site located at 1700 West Olympic Boulevard and is included in Appendix A. City Directory data was searched for the years spanning 1920 through 2014. The EDR City Directory Report is included in Appendix A.

- 1976: Soon You Fashions
- 1986: Lucky Luggage
- 1990: Baby Jimmy's Balloon & Gift Shop
- 2000: Korean Mok Yang Church
- 2006: Church Cristo Guerreros De Iglesia and Olympic Presbyterian Church.
- 2010: Iglesia Guerreros De Cristo, Korean Mok Yang Church, and Olympic Presbyterian Church.
- 2014: World Special Federation

The directory for 1011 Beacon Avenue lists individual resident names for 1942 and 1951. The directory for 1019 Beacon Avenue lists individual names starting in 1924. No directory listings were identified for 1710 West Olympic Blvd and 1001, 1003, 1005, 1007, 1015, 1023 and 1029 Beacon Avenue.

4.2.6 Historical Uses of Surrounding Properties

Looking at the Sanborn Maps, provided by EDR and included in Appendix A, in 1907 the area around the project site was largely residential, single-family and multi-family, and commercial property, primarily stores. Northwest of the project site, across Olympic Boulevard there was a gasoline service station from approximately 1950 until 1967. The project site is currently surrounded by a highly developed mix of commercial and residential properties.

4.2.7 Prior Agricultural Uses

Based on the review of historical sources (aerial photographs and topographic maps), there is no evidence to indicate that the site was ever utilized for agricultural purposes. Residential structures were developed as early as 1900.

4. Historical Documents Review

4.2.8 Mines

Based on the review of historical sources (aerial photographs and topographic maps), there is no evidence to indicate that the site was ever utilized for mining operations.

4.2.9 Illegal Drug Manufacturing

The proposed site was not identified by the California Hazardous Material Incident Report System (CHMIRS) which is maintained by the California Office of Emergency Services and contains information regarding hazardous material incidents such as accidental releases or spills. The project site was not identified on Clandestine Drug Labs (CDL), a listing of drug lab locations maintained by the DTSC. Drug-related waste was not observed on the site during the site inspection.

4.2.10 Prior U.S. Government Ownership

Based on the review of the County Tax Assessor website, EDR reports, historical aerial photographs and topographic maps, the project site appears to have been a mix of residential and commercial from at least 1900 until around 2016 when the project site becomes a paved parking lot. There is no indication that the property was owned by the U.S. Government or utilized for military operations.

4.3 SURROUNDING PROPERTY LAND USES

The surrounding properties have been developed since the early 1900s with primarily residential then commercial development occurred in the 1950s on land to the north, followed by commercial development to the east and west. The land use to the south has been residential. A gas station had been located at the northeast corner of Burlington Avenue and Olympic Blvd from approximately 1950 to approximately 1968. The former gas station site is now a restaurant and parking lot. Based on the age and distance from the site it is not expected to have impacted the project site. The property adjacent to the west is a six-story office building and the property to the east across Beacon Avenue is used as a church. .

5. Environmental Records Review

5.1 STANDARD ENVIRONMENTAL RECORDS REVIEW

PlaceWorks utilized the electronic database service EDR to complete the environmental records review. The database search was used to identify properties that may be listed in the referenced Agency records, located within the American Society for Testing and Materials (ASTM)-specified search radii indicated below:

Database	Approximate Search Distance	Subject Site Listed?	Number of Sites within Search Area
Federal NPL Sites	1 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
CERCLIS Sites	0.5 mile	No	0
CERCLIS-NFRAP Sites	0.5 mile	No	2
Federal ERNS	Site only	No	0
RCRA non-CORRACTS TSD Facilities	0.5 mile	No	0
RCRA CORRACTS Facilities	1 mile	No	0
RCRA Generators	Site & Adjoining	No	6
Federal Institutional/Engineering Control Registry	Site Only	No	0
State and Tribal Equivalent NPL Sites	1 mile	No	0
State and Tribal Equivalent CERCLIS Sites	0.5 mile	No	17
State and Tribal Registered Storage Tanks	Site & Adjoining	No	21
State and Tribal Landfills and Solid Waste Disposal Sites	0.5 mile	No	0
State and Tribal Leaking Storage Tanks	0.5 mile	No	17
State and Tribal Institutional Controls/Engineering Control	Site Only	No	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0
Orphan Site List	Site & Adjoining	No	0
HAZNET	Site Only	No	0

A review of selected regulatory agency databases for documented environmental concerns on the site, or in close proximity to the site, was conducted by EDR. A copy of the radius report, dated November 20, 2019 is included in Appendix A. The project site was not listed on any of the databases searched.

5.1.1 NPL Sites

The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for clean-up by the EPA.

- The project site is not listed on the NPL List.
- The database did not identify any NPL sites within a mile radius of the project site.

5. Environmental Records Review

5.1.2 Federal Delisted NPL Sites

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425. (e), sites may be deleted from the NPL where no further response is appropriate.

- The project site is not listed on the delisted NPL List.
- The database did not identify any delisted NPL sites within a mile radius of the project site.

5.1.3 CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess if they should be considered for inclusion on the NPL.

- The project site is not listed on the CERCLIS List.
- The database search did not identify any CERCLIS listings within a one-half mile radius of the project site.

5.1.4 CERCLIS-NFRAP Sites

CERCLIS-NFRAP status indicates that a site was once on the CERCLIS List but has No Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, contamination was removed quickly, or the contamination was not significant enough to warrant NPL status.

- The project site is not listed on the CERCLIS-NFRAP List.
- The database search identified two CERCLIS-NFRAP sites within a one-half mile radius of the project site.
    - DHHS/U.S. Food & Drug Admin at 1521 W. Pico Boulevard, approximately 0.296-mile south of the project site, is listed as not qualifying for the NPL based on existing information. The SEMS Archive Site ID is listed as 0908587 and is listed as a discovery action.
    - School Police Department at 1330 W. Pico Boulevard, approximately 0.469-mile south of the project site, is listed as not qualifying for the NPL based on existing information. The SEMS Archive Site ID is listed as 0901272 and is listed as an archival site.

  Based on the information provided the two CERCLIS-NFRAP sites are not expected to have impacted the project site.

5.1.5 RCRA CORRACTS Facilities

The RCRA CORRACTS Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity.

- The project site is not listed as a RCRA CORRACTS TSD facility.
- The database search did not identify any RCRA CORRACTS TSD facilities within a one-mile radius of the project site.

5.1.6 RCRA Non-CORRACTS TSD Facilities

The Resource Conservation and Recovery Act (RCRA) non-CORRACTS TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity.

- The project site is not listed as a RCRA non-CORRACTS TSD facility.
- The database search did not identify any RCRA non-CORRACTS TSD facilities within a one-half mile radius of the project site.

5.1.7 RCRA Generators

The RCRA Generator list is maintained by the EPA to track facilities that generate hazardous waste.

- The project site is not on the RCRA Generators list.
- The database search identified six RCRA Generators within a quarter mile radius of the project site.
    - Eureka Lithograph Inc. at 1633 W. 11th Street, approximately 0.049-mile south of the project site, is listed as a small quantity generator. No violations are listed for the facility on the EPA Enforcement and Compliance History database.
    - City National Bank at 1801 W. Olympic Boulevard, approximately 0.060-mile northwest of the project site, is listed as a small quantity generator. No violations are listed for the facility on the EPA Enforcement and Compliance History database.
    - LAUSD 10th Street Elementary School at 1000 Grattan Street, approximately 0.173-mile south southeast of the project site, is listed as a small quantity generator. No violations are listed for the facility on the EPA Enforcement and Compliance History database.
    - Cruz Early Education Center at 1020 S Valencia Street, approximately 0.206-mile southeast of the project site, is listed as a large quantity generator. No violations are listed for the facility.

- Mix and Match at 769 W. 10th Place, approximately 0.227-mile southeast of the project site, is listed as a small quantity generator. No violations are listed for the facility on the EPA Enforcement and Compliance History database.

- Exxon Mobil Oil Corp 11394 at 958 S Alvarado Street, approximately 0.231-mile northwest of the project site, is listed as a small quantity generator. No violations are listed for the facility.

5.1.8 Federal Institutional Control / Engineering Controls

A listing of sites with institutional and or engineering controls in place is maintained by the EPA. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

- The project site is not listed as having an institutional or engineering control.

5.1.9 Federal ERNS List

The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The list is maintained by the National Response Center United States Coast Guard.

- The project site is not listed on the ERNS List.

5.1.10 State-and Tribal- equivalent NPL

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

- The project site is not listed on state- and tribal-equivalent NPL.

- The database search did not identify any state-and tribal equivalent NPL sites within a one-mile radius of the project site.

5.1.11 State and Tribal- equivalent CERCLIS

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly contaminated properties that have been released for reuse, properties where environmental deed restrictions have been

recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

- The project site is not listed on state- and tribal- equivalent CERCLIS.
- The database search identified 17 state- and tribal- equivalent CERCLIS sites within a mile radius of the project site.
    - Belmont Primary Center No. 11 at 950 South Albany Street, approximately 0.302-mile east of the project site, is listed as a school cleanup site. The facility is listed as having undergone removal action and receiving certification of the cleanup and no further action determination in 2003.
    - Belmont New Primary Center No. 11B at 927-937 Blaine Street, approximately 0.359-mile east of the project site, is listed as an investigation site for a potential school. The site is listed as inactive – needing evaluation as of 2005.
    - Belmont New Elementary School #3 at 680 Little Street, approximately 0.423-mile northeast of the project site, is listed as a facility identified by LAUSD as a school investigation site. There was a removal action to clean up the site in 1993. The site received certification in 1993.
        - 680 Little Street is also listed as Esperanza Learning Center. A school site that is listed as no action required as of March 20, 2000.
    - Jeffries Banknote Company at 1330 West Pico Boulevard, approximately 0.469-mile south of the project site, is listed as a historical site that was referred to another agency in 1995.
    - Park View Village at 933-937 South Park View Street, approximately 0.481-mile northwest of the project site, is listed as a site that entered into an assessment/remedial action agreement with the County of Los Angeles Fire Department Health Hazardous Materials Division, Site Mitigation Unit in 2004.
    - Central Los Angeles Middle School No.1 at Union Avenue and Wilshire Boulevard, approximately 0.490-mile northeast of the project site, is listed as a school investigation site. The site is listed as certified as of July 22, 2008.
    - Central Region MacArthur Park Elementary School at Park View Street and Grand View Street and West 8th Street, approximately 0.536-mile northwest of the project site, is listed as a school investigation site. The site is listed as not requiring further action as of November 6, 2008.
    - Belmont/Hollywood Primary Center No. 3 at 2300 W. 7th Street, approximately 0.546-mile northwest of the project site, is listed as a school cleanup site. The site is listed as certified as of April 23, 2001.

- Good Samaritan Hospital at 1225 Wilshire Boulevard, approximately 0.642-mile east northeast of the project site, is listed as a tiered permit site that is listed as being referred to another agency.
- Hoover Street Elementary at 2726 Francis Avenue, approximately 0.686-mile northwest of the project site, is a school site that expanded and is listed as being certified as of March 12, 2004.
- Belmont/Hollywood Elementary School No. 1 at 2401 Wilshire Boulevard, approximately 0.754-mile northwest of the project site, is listed as a school cleanup site. The site is listed as certified as of March 24, 2002.
- Magnolia Elementary School Redesign at 1626 South Orchard Avenue, approximately 0.774-mile west southwest of the project site, is listed as a school investigation site with no action required as of October 4, 2002.
- Central Los Angeles High School No. 9 450 South Grand View Street, approximately 0.793-mile north of the project site, is listed as a school investigation site with no further action required as of November 19, 2004.
- Gratts New Primary Center at West 6th Street and Bixel Street, approximately 0.844-mile northeast of the project site, is listed as a school cleanup site. The site is listed as certified as of January 11, 2008.
- Gratts Elementary School at 309 Lucas Avenue, approximately 0.955-mile northeast of the project site, is listed as a school cleanup site. The site is listed as certified with Operation and Maintenance as of July 9, 2014.
- West Fourth Street Site at 2424 West 4th Street, approximately 0.971-mile north of the project site, is listed as a historical site that was referred to another agency as of August 31, 1995.

Based on the regulatory status, distance and that most of these sites were in the DTSC school investigation program, these sites are not expected to have impacted the project site.

5.1.12 State and Tribal- equivalent Landfill and/or Solid Waste Disposal Sites

The database search did not identify any State Landfills or Solid Waste Disposal Sites within a one-half mile radius of the subject site.

- The project site is not listed on state- and tribal- equivalent landfill and/or solid waste disposal site lists.
- The database did not identify any state-and tribal equivalent landfill and/or solid waste disposal site within a half mile radius of the project site.

5.1.13 State and Tribal Leaking Underground Storage Tanks

The State Water Resources Control Board Leaking Underground Storage Tank Information System contains an inventory of Leaking Underground Storage Tank (LUST) Incident Reports.

- The project site is not listed on the State and Tribal LUST list.
- The database search identified 17 LUST facilities within a half-mile radius of the project site.
    - City National Bank at 1801 W Olympic Boulevard, approximately 0.060-mile north northwest of the project site, is listed because of a leak of diesel reported October 10, 1993. Currently, the case is listed as completed – case closed as of July 30, 1996. Based on the regulatory status of the facility, it is not expected to have had an impact on the project site.
    - Chevron #9-3929 at 1600 W Olympic Boulevard, approximately 0.063-mile east of the project site at the intersection of Olympic Boulevard and Union Avenue, is listed because of a leak of gasoline reported April 15, 1988. Currently, the case is listed as open – remediation as of November 22, 2011. Based on the Los Angeles Regional Water Quality Control Board's regulatory oversight of the remediation and the facility's downgradient location from the project site, it is not expected to have had an impact.
    - Mobil # 18-HYQ at 958 Alvarado Street, approximately 0.231-mile northwest of the project site, is listed because of a leak of gasoline reported May 13, 1988. Currently, the case is listed as open – remediation as of October 15, 2007. Based on the Los Angeles Regional Water Quality Control Board's regulatory oversight of the remediation, it is not expected to have had an impact on the project site.
    - Fremont Indemnity Building at 1709 8th Street, approximately 0.257-mile north northeast of the project site, is listed because of a leak of hydrocarbons reported August 28, 1991. Currently, the case is listed as completed – case closed as of May 17, 1993. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.
    - Armored Transport Inc. at 1612 Pico Boulevard, approximately 0.305-mile south of the project site, is listed because of a leak reported August 16, 1993. Currently, the case is listed as completed – case closed as of August 23, 2018. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.
    - Thrifty Station 281 at 1205 Alvarado Street, approximately 0.341-mile west of the project site, is listed because of a leak of gasoline reported February 20, 2006. Currently, the case is listed as completed – case closed as of December 6, 2011. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

5. Environmental Records Review

- Mr. Sippe aka NASA Oil - Blaine at 1045 Blaine Street, approximately 0.343-mile southeast of the project site, is listed because of a leak of gasoline reported May 9, 2006. Currently, the case is listed as completed – case closed as of November 16, 2010. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- Chevron #9-0054 at 1314 11th Street, approximately 0.352-mile southeast of the project site, is listed because of a leak of aviation fuel reported September 21, 1994. Currently, the case is listed as completed – case closed as of January 28, 2016. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- Unocal (Former) at 801 – 807 Alvarado Street, approximately 0.352-mile northwest of the project site, is listed because of a leak of gasoline reported December 17, 1999. Currently, the case is listed as completed – case closed as of August 25, 2010. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- LA First Choice Collision Center at 1547 7th Street, approximately 0.373-mile northeast of the project site, is listed because of a leak of diesel, gasoline, waste oil/motor/hydraulic/lubricating oil reported March 26, 2009. Currently, the case is listed as completed – case closed as of January 7, 2011. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- LA City Fire Station # 11 at 1819 7th Street, approximately 0.394-mile north northeast of the project site, is listed because of a leak of diesel reported August 15, 2000. Currently, the case is listed as completed – case closed as of May 30, 2003. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- Shell #204-4532-0102 at 1551 7th Street, approximately 0.408-mile northeast of the project site, is listed because of a leak of gasoline reported May 15, 1989. Currently, the case is listed as completed – case closed as of July 17, 2018. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- API Alarm Systems at 23223 Olympic Boulevard, approximately 0.421-mile northwest of the project site, is listed because of a leak of gasoline reported November 30, 1985. Currently, the case is listed as completed – case closed as of October 25, 1990. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- Camino Nuevo Middle School at 1800 Wilshire Boulevard, approximately 0.481-mile north northeast of the project site, is listed because of a leak of gasoline reported May 6, 2002. Currently, the case is listed as completed – case closed as of August 9, 2002. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

    - This case is listed twice in the EDR report.

- Unocal #2325 at 1546 Wilshire Boulevard, approximately 0.488-mile northeast of the project site, is listed because of a leak of gasoline reported April 8, 1987. Currently, the case is listed as completed – case closed as of October 9, 1996. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- L.A. New Middle School at 1546 Wilshire Boulevard, approximately 0.488-mile northeast of the project site, is listed because of a leak of gasoline reported August 23, 2006. Currently, the case is listed as completed – case closed as of July 16, 2008. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

- Commercial Building at 1930 Wilshire Boulevard, approximately 0.496-mile north northeast of the project site, is listed because of a leak of gasoline reported September 7, 2016. Currently, the case is listed as completed – case closed as of August 9, 2018. Based on the current regulatory status of the facility it is not expected to have had an impact on the project site.

5.1.14 State and Tribal Registered Underground Storage Tanks

The State Water Resources Control Board's Hazardous Substance Storage Container Database maintains a list of USTs regulated by the Resource Conservation and Recovery Act.

- The project site is not listed on the registered UST list.

- The database search identified 21 registered UST facilities within a quarter mile radius of the project site.
    - Active USTs
        - City National Bank at 1801 W Olympic Boulevard, approximately 0.060-mile west of the project site, is listed as having an active Aboveground Storage Tank (AST) permitted through the Los Angeles City Fire Department with the facility ID FA0018662.
            - This facility is listed three times in the EDR report.
        - United #170 at 1600 W Olympic Boulevard, approximately 0.063-mile east of the project site, is listed as having an active Underground Storage Tank (UST) permitted through the Los Angeles City Fire Department with the facility ID FA0032447.
        - Mobil – Lee Inkus at 958 Alvarado Street, approximately 0.231-mile west northwest of the project site, is listed as having an active UST permitted through the Los Angeles City Fire Department with the facility ID FA0000145.
    - Historical USTs
        - 1735 W Olympic Boulevard, approximately 0.033-mile north of the project site, is listed as a historical Los Angeles UST site.

5. Environmental Records Review

- 1818 W. Olympic Boulevard, approximately 0.058-mile west of the project site, is listed as a historical Los Angeles UST site.
- 1560 W. Olympic Boulevard, approximately 0.103-mile east of the project site, is listed as a historical Los Angeles UST site.
- 1901 W. Olympic Boulevard, approximately 0.135-mile northwest of the project site, is listed as a historical Los Angeles UST site.
- 1538 W. Olympic Boulevard, approximately 0.135-mile east of the project site, is listed as a historical Los Angeles UST site.
- 1027 Grattan Street, approximately 0.141-mile east of the project site, is listed as a historical Los Angeles UST site.
- 1632 W 9th Street, approximately 0.141-mile northeast of the project site, is listed as a historical Los Angeles UST site.
- 1146 S Union Avenue, approximately 0.173-mile south of the project site, is listed as a historical Los Angeles UST site.
- 1225 S Union Avenue, approximately 0.214-mile south of the project site, is listed as a historical Los Angeles UST site.
- 913 Valencia Street, approximately 0.217-mile east of the project site, is listed as a historical Los Angeles UST site.
- 2026 W Olympic Boulevard, approximately 0.229-mile west of the project site, is listed as a historical Los Angeles UST site.
- 2020 W 11th Street, approximately 0.230-mile west of the project site, is listed as a historical Los Angeles UST site.
- 811 S Union Avenue, approximately 0.232-mile northeast of the project site, is listed as a historical Los Angeles UST site.
- 1513 W 12th Street, approximately 0.234-mile south of the project site, is listed as a historical Los Angeles UST site.
- 805 – 807 S Union Avenue, approximately 0.241-mile northeast of the project site, is listed as a historical Los Angeles UST site.
- 1500 W 9th Street, approximately 0.241-mile east of the project site, is listed as a historical Los Angeles UST site.

5.1.15 State and Tribal Voluntary Cleanup Site

The DTSC maintains a list of low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

- The project site is not listed on the state and tribal voluntary cleanup program.
- The database did not identify any state and tribal voluntary cleanup program sites within a half mile radius of the project site.

5.1.16 Orphan Sites

The EDR database did not identify any facilities that were indicated as being potentially in the area and were not mapped due to incomplete address information.

5.2 ADDITIONAL ENVIRONMENTAL RECORDS REVIEW

In conformance with ASTM inquiry was made with the additional agencies described below.

5.2.1 Local Brownfield Lists

The DTSC's Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. One brownfield site was identified on the EnviroStor database.

- Los Angeles 1554 W 11th Place, approximately 0.161-mile south southeast of the project site is listed as a voluntary cleanup site. Historically the site was a gasoline service station from 1924 until 1995 and an automobile service station from 1933 until 1955. From 1942 until 1964 the site also operated as a cleaners. Site investigations in 2017 showed arsenic and lead contamination at the site. Currently, the case is listed as active as of November 19, 2019. Based on the downgradient location of the facility from the project site, it is not expected to have had an impact.

5.2.2 Local Lists of Hazardous Waste Contaminated Sites

A record search was done on the following databases: Clandestine Drug Labs, HIST Cal-Sites Historical CalSites Database, and Toxic Pits Cleanup Act Sites. San Gabriel Valley Areas of Concern records were searched.

- The project site is not listed on the Local List of Hazardous Waste Contaminated Sites.
- The database identified three Hazardous Waste Contaminated Sites within the designated search radius.

5. Environmental Records Review

- Chevron Station 93929 at 1600 W Olympic Boulevard, approximately 0.063-mile east of the project site, is listed as a hazardous waste generator with the CERS ID 10256332 and the site ID 78956.

- America Auto Repair & Tire Service at 1750 James Wood Boulevard, approximately 0.128-mile north of the project site, is listed as a hazardous waste generator with the CERS ID 10262317 and the site ID 5022.

- Mobil Oil Corp. at 958 Alvarado Street, approximately 0.231-mile west of the project site, is listed as a hazardous waste generator with the CERS ID 10731373 and the site ID 421148.

5.2.3 Local Lists of Registered Storage Tanks

A record search was done of the local lists of registered storage tanks. 13 registered UST sites are identified in the database as being within a 0.25 mile of the project site.

- City National Bank at 1801 W. Olympic Boulevard is approximately 0.060-mile northwest of the project site. The Facility ID is listed as FA0018662. This facility is listed twice in the EDR report.

- Chevron Station 93929 at 1600 W Olympic Boulevard is approximately 0.063-mile east of the project site. The Facility ID is listed as FA0032447. This facility is listed twice in the EDR report.

- LA Unified School District 10th Street Elementary at 1027 Grattan Street is approximately 0.141-mile east of the project site. This facility is listed as a historical Los Angeles UST site.

- Ken Torabayashi/ Sam Y Maeda at 1020 S Valencia Street is approximately 0.206-mile east of the project site. The Facility ID is listed as 19040032.

- Mobil Oil Corp at 958 Alvarado Street is approximately 0.231-mile west northwest of the project site. The facility ID is listed as 19001663.

5.2.4 HAZNET

HAZNET is the Hazardous Waste Information System. The project site is not listed as a HAZNET site.

5.2.5 High Risk Historical Records

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, and dry cleaners. 13 were identified, five are identified as dry cleaners and eight are auto related sites.

- Fryer E F at 1677 W 11th Street, approximately 0.047-mile southwest of the project site, is listed as a laundry and clothes pressers from 1929 until 1937.
- Jammal Jack at 1818 W Olympic Boulevard, approximately 0.058-mile northwest of the project site, is listed as a gasoline service station from 1972 until 1976.
- Pierce Arrow Sales Service at 1836 W Olympic Boulevard, approximately 0.062-mile northwest of the project site, is listed as an automobile repair station for the year 1937.
- Chevron Station 93929 at 1600 W Olympic Boulevard, approximately 0.063-mile east of the project site, is listed as a gasoline service station from 1969 until 2013.
- Damon KG at 1837 W Olympic Boulevard, approximately 0.063-mile northwest of the project site, is listed as a gasoline service station for the year 1937.
- Brown GEO at 1803 W 11th Street, approximately 0.069-mile west of the project site, is listed as a clothes cleaner from 1929 until 2014.
- Beatty JP at 1601 W 11th Street, approximately 0.080-mile southeast of the project site, is listed as a gasoline service station from 1933 until 1942.
- Gross Henry at 1804 W 11th Street, approximately 0.081-mile west southwest of the project site, is listed as a clothes cleaner from 1924 until 1933.
- Harned WR at 1810 W 11th Street, approximately 0.093-mile west southwest of the project site, is listed as a clothes cleaner from 1929 until 1942.
- Tenenbaum Sidney at 1560 W Olympic Boulevard approximately 0.103-mile east of the project site, is listed as a gasoline service station from 1969 until 1973.
- Whetan JJ at 1554 W 11th Street approximately 0.113-mile southeast of the project site, is listed as a gasoline service station from 1924 until 1937.
- MK Dry Cleaning Inc. at 1542 W Olympic Boulevard approximately 0.116-mile east of the project site, is listed as a clothes cleaner from 2003 until 2005.
- Teron Petroleum Corp. at 1543 W Olympic Boulevard approximately 0.122-mile east of the project site, is listed as a gasoline service station from 1976 until 2013.

5.2.6 City of Los Angeles Fire Department

The City of Los Angeles Fire Department keeps records on active Underground Storage Tanks (USTs), active Hazardous Materials sites, in-active USTs, in-active hazardous materials sites, and historical UST records. These sites are listed by address on the LAFD website and if the address is not listed on their website, they do not

have documentation pertaining to that address. The project site at 1700 W Olympic Boulevard was not listed on the LAFD in any of the above-mentioned categories.

5.2.7 South Coast Air Quality Management District

A search of the South Coast Air Quality Management District (SCAQMD)'s Facility Information Detail (FIND) database did not identify any permits for the facility.

5.2.8 State of California Geologic Energy Management Division (CalGEM)

A review of California Division of Geologic Energy Management Division (CalGEM), formerly known as Division of Oil, Gas and Geothermal Resources (DOGGR) Well Finder website indicates that there are no oil wells on the project site. The closest oil well is located approximately 0.281-mile west of the project site. The well is identified with the API number 0403706331 and is listed as a plugged and abandoned well that was advanced by Chevron U.S.A Inc.

5.2.9 Vapor Migration

The ASTM 1527-13 standard states that "for the purposes of this practice, "migrate" and "migration" refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface". Thus, this section specifies whether or not we perceive a risk of vapor migration to the subject site.

To assess a vapor migration risk a review and analysis of the site-specific environmental database report and other reasonably ascertainable records was implemented to assess whether:

1) Off-site properties have documented chlorinated volatile organic compound (VOC) contamination located within 100 feet of the subject property, or

2) Off-site properties have documented volatile petroleum hydrocarbon contamination within 30 feet of the subject property.

No VOC plumes within 100 feet and no volatile petroleum hydrocarbon within 30 feet were identified. According to the City of Los Angeles ZIMAS report for the project site, it is not in a City of Los Angeles methane zone. Therefore, the area is not subject to methane testing and mitigation requirements. The potential for vapor risk was not identified for the site.

5.2.10 User-Provided Information

The ASTM Standard requires disclosure in the Phase I report whether the user of the report has specialized knowledge about previous ownership or uses of the property that may be material to identifying RECs, or whether the user has determined that the property's Title contains environmental liens or other information related to environmental condition of the property, including engineering and institutional controls and Activity and Use Limitations, as defined by ASTM. In addition, we are required by the ASTM Standard to inquire

whether the user of the report has prior knowledge that the price of the property has been reduced for environmentally related reasons.

PlaceWorks was provided with the Phase I ESA prepared by EFI Global dated February 21, 2017 for the project. The 2017 Phase I ESA did not identify any REC, HRECs, CRECs, and recommended no additional investigation.

5. Environmental Records Review

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6. Site Reconnaissance and Key Personnel Interview(s)

A site visit to observe site conditions was conducted by PlaceWorks on January 31, 2020. No weather-related conditions or other conditions that would limit our ability to observe the site occurred during our site reconnaissance. PlaceWorks personnel observed the exterior portions of the property, including the property boundaries. Site photographs are included in Appendix C. Petroleum products and hazardous materials were not observed at the site.

ASTM requires that the current site owner or Key Site Manager and user, if different from the current owner or Key Site Manager, be asked if there are any helpful documents or information that can be made available for review. These consist of environmental site assessment reports, audits, permits, tank registrations, Material Safety Data Sheets, Community Right-to-Know plans, safety plans, hydrogeologic or geotechnical reports, or hazardous waste generator reports.

6.1 CURRENT USE OF THE PROPERTY

The 1-acre project site is currently used as a private parking lot with only minor structures (i.e., a parking attendant booth and storage bins/sheds) withing the project boundaries. Although outside the site boundaries, there is a modest homeless encampment that is established in the sidewalk area along Beacon Avenue adjacent to the site.

6.2 SITE VISIT OBSERVATIONS OF ENVIRONMENTAL INTEREST

6.2.1 General Description of Structures

The only structures noted were storage bins/sheds and a parking attendant booth. There is evidence of former structures based on hardscaping including areas covered in concrete pads. There are asphalt covered areas and unpaved areas of the site. The site is uneven topographically with the northern portion of the site at a higher elevation compared to the southern portion. There are concrete and dirt ramps leading to the southern half of the parcel. The fencing on the western and southern sides of the site consist of a concrete block wall and the northern and eastern sides of the site has a concrete and wrought iron fencing and metal gates.

6.2.2 Heating and Cooling System

No heating and cooling systems are present at the site.

6. Site Reconnaissance and Key Personnel Interview(s)

6.2.3 Potable Water Supply and Sewage Disposal System or Septic Systems

Water is supplied to the Site by the City of Los Angeles via municipal supply lines and hookups. Sewage disposal systems would be provided by Los Angeles County Sanitation District.

6.2.4 Use of Petroleum Products and Hazardous Materials

Use of petroleum products or hazardous materials was not observed at the subject site.

6.2.5 Storage of Petroleum Products and Hazardous Materials (Storage Tanks, Drums)

No storage of petroleum products or hazardous materials was observed at the subject site. Storage tanks and drums were not observed.

6.2.6 Disposal of Petroleum Products and Hazardous Materials

No evidence of disposal of petroleum products or hazardous materials was observed at the subject site. No petroleum products or hazardous material were observed.

6.2.7 Hydraulic Elevators

No hydraulic elevators were observed at the subject site.

6.2.8 Vehicle Maintenance Lifts

No vehicle maintenance lifts were observed at the subject site.

6.2.9 Emergency Generators and Sprinkler System Pumps

No emergency generators or sprinkler system pumps were observed on the subject site.

6.2.10 Polychlorinated Biphenyls (PCBs) Associated with Electrical or Hydraulic Equipment

No electrical or hydraulic equipment was observed on the subject site. Based on the information above, PCBs are not expected to have impacted the subject site.

6.2.11 Floor Drain and Sumps

No floor drains or sumps were observed at the subject site.

6.2.12 Catch Basins

No catch basins were observed at the subject site.

6.2.13 Dry Wells

No dry wells were observed at the subject site.

6.2.14 Pits, Ponds, Lagoons, and Pools of Liquid

No pits, ponds, lagoons, or pools of liquid were observed at the subject site.

6.2.15 Odors

No petroleum odors were observed at the subject site. A urine odor was observed along the eastern perimeter of the site.

6.2.16 Stains or Corrosion on Floors, Walls, or Ceilings

No unusual staining or corrosion was observed on the subject site.

6.2.17 Stained Soil or Pavement

No stained soil or pavement was observed at the subject site.

6.2.18 Stressed Vegetation

No stressed vegetation was observed at the subject site.

6.2.19 Solid Waste and Evidence of Waste Filling

No evidence of waste filling was observed on the subject site.

6.2.20 Wastewater and Stormwater Discharge

No wastewater discharge was observed on the subject site. Stormwater is expected to exit the subject site via overland flow to local roadways and drainages.

6.2.21 Monitoring, Water Supply, or Irrigation Wells

No monitoring, water supply or irrigation wells were observed at the subject site.

6.2.22 Non-Scope Considerations

No railroad tracks are located within 1,500 feet of the subject site.

The minor structures currently located on the site have a low potential for asbestos-containing building materials, however, the buildings that previously had been on the site may have contained asbestos.

6. Site Reconnaissance and Key Personnel Interview(s)

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7. Data Gap Identification

Adjacent landowners were not interviewed for this Phase I Environmental Site Assessment. Chain-of-title documentation was not reviewed so it could not be ascertained if the complete title report contains environmental liens or other information related to environmental condition of the property. However, the database search contained in Appendix A indicates that the site is not on the Recorded Environmental Cleanup Liens database which is maintained by the DTSC and contains a listing of liens placed upon real properties. The site is also not listed on the DTSC's Deed Restriction database which lists sites with DTSC with restricted land use. The site is not listed on NPL Liens, a database the EPA maintains on real property, in order to recover remedial action expenditures when the property owner has received notification of potential liability.

7. Data Gap Identification

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8. Findings and Conclusions

PlaceWorks has performed a Phase I Environmental Site Assessment (Phase I) on behalf of Bright Star Schools for the proposed development of a school site at 1700 West Olympic Boulevard in the City of Los Angeles, Los Angeles County, California (Figures 1 and 2). The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Exceptions to, or deletions from, this practice are described in Section 1 of this report. Our conclusions are intended to help the user evaluate the "environmental risk" associated with the site, as defined in the ASTM E 1527-13 Standard and discussed in the Introduction section of this report. The research conducted for this study and the report prepared are in conformance with the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) standard. The Phase I ESA also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites.

The approximately 1-acre site located at 1700 West Olympic Boulevard is identified with Assessor's Parcel Numbers [APNs] 5137-017-014. The project site is currently utilized for private parking. Currently, there are only minor structures (i.e., a parking attendant booth and storage bins/sheds) within the boundaries of the project site. The project site was developed in the early 1900s with several structures for residential and commercial use. By 1977, the project site no longer had any structures and remained vacant undeveloped land until 2002. From 2002 until 2016 the project site was occupied by two buildings have been demolished.

The project site is over 1,900 feet northwest of State Route 110 (Harbor Freeway) and is bounded by Olympic Boulevard to the north northeast, Beacon Avenue to the east southeast, and a commercial building to the west northwest. Regional access to the project site is provided by Olympic Boulevard to the north northeast. The project site is approximately 0.47-mile southeast of MacArthur Park. The site is surrounded by a highly developed mix of commercial, educational and residential properties Figure 3 is an aerial photograph showing current site conditions and the outline of the site boundaries.

Bright Star Schools will be developing a permanent charter middle school facility on the project site. The development of the school will be funded by the State and will require approvals and permits from Division of State Architect, California Department of Education, and DTSC.

The project site was developed in the early 1900s with several structures for residential and commercial use. By 1977, the project site no longer had any structures and remained vacant undeveloped land until 2002. From 2002 until 2016 the project site was occupied by two buildings.

The City of Los Angeles Fire Department keeps records on active Underground Storage Tanks (USTs), active Hazardous Materials sites, in-active USTs, in-active hazardous materials sites, and historical UST records. These sites are listed by address on the LAFD website and if the address is not listed on their website, they do not

8. Findings and Conclusions

have documentation pertaining to that address. The project site at 1700 W Olympic Boulevard was not listed on the LAFD in any of the above-mentioned categories or on any environmental database.

The objective of a Phase I is to assess whether "recognized environmental conditions" (REC), historical RECs (HREC), and controlled RECs (CREC) are associated with the subject site. Our conclusions are intended to help the user evaluate the "business environmental risk" associated with the subject site. Our opinion regarding an REC's potential impact on the subject site is based on the scope of our work, the information obtained during the course of our work, the conditions prevailing at the time our work was performed, the applicable regulatory requirements in effect at the time our work was performed, and our experience evaluating similar sites.

RECOGNIZED ENVIRONMENTAL CONDITIONS (RECs)

The ASTM E 1527-13 Standard defines an REC in part as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment."

This assessment has revealed no evidence of RECs in connection with the project site following the ASTM standard. In addition, the project site is not located in a City of Los Angeles Methane Zone according to the City of Los Angeles Department of City Planning (ZIMAS, 2019).

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS (HRECs)

The ASTM E 1527-13 Standard defines an HREC as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

This assessment has revealed no evidence of HRECs or known environmental conditions in connection with the project site following the ASTM standard.

CONTROLLED RECS ENVIRONMENTAL CONDITIONS

The Standard also requires the identification of controlled RECs (CRECs). The ASTM Standard defines CRECs as

> "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

8. Findings and Conclusions

This assessment has revealed no evidence of CRECs in connection with the project site following the ASTM standard.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL PROTOCOL

Based on a review of historical information; structures have occupied the subject site since 1900. Due to the time period of the development of the project site, the DTSC would require testing to assess for potential impacts to soil from lead-based paint and organochlorine pesticides from possible termiticide usage. PlaceWorks recommends a Phase I Environmental Site Assessment Addendum be implemented to collect soil samples in the project area to assess potential impacts from historic structures following DTSC's *Interim Guidance for Evaluating 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* dated June 2006.

SUMMARY AND RECOMMENDATIONS

Based on the results of this assessment, REC, CRECs, and HRECs were not identified for the project site. A Phase I Addendum determined that there were elevated concentrations of lead and the OCP dieldrin in surface soil in some of the sample locations at the site due to historic structures. Based on the screening level risk assessment that was implemented for the site, the risk estimate using the maximum concentrations of OCPs, exceed 1E-06, but is within the risk management range. Using the 95 % UCL concentrations, the estimated carcinogenic risk is below 1E-06. Based on the risk calculations, PlaceWorks is recommending no further action for OCPs.

To address the elevated lead found at the northeast corner of the site, the central east area, the center west, the middle and southwest corner, it is recommended that approximately 9 cubic yards of soil be excavated at the site and transported off-site following lawful disposal as non-hazardous, non-RCRA (State) hazardous or RCRA hazardous waste,

This Phase I ESA with Addendum is being submitted to the DTSC as a Preliminary Environmental Assessment (PEA) equivalent. An Environmental Oversight Application (EOA) is being submitted concurrently.

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8. Findings and Conclusions

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9. Credentials

This Phase I ESA was prepared in a manner consistent with the level of care and skill ordinarily exercised by professional engineers, geologists, and environmental scientists, under the technical direction of the undersigned. We declare to the best of our professional knowledge and belief, that we meet the definition of Environmental Professional as defined in the ASTM Standard. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Qualifications information for the project personnel is provided in Appendix E.

Denise Clendening, Ph.D.
Associate Principal

Michael Watson, PG 8177
Project Geologist

December 15, 2020

9. Credentials

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Figures

Figures

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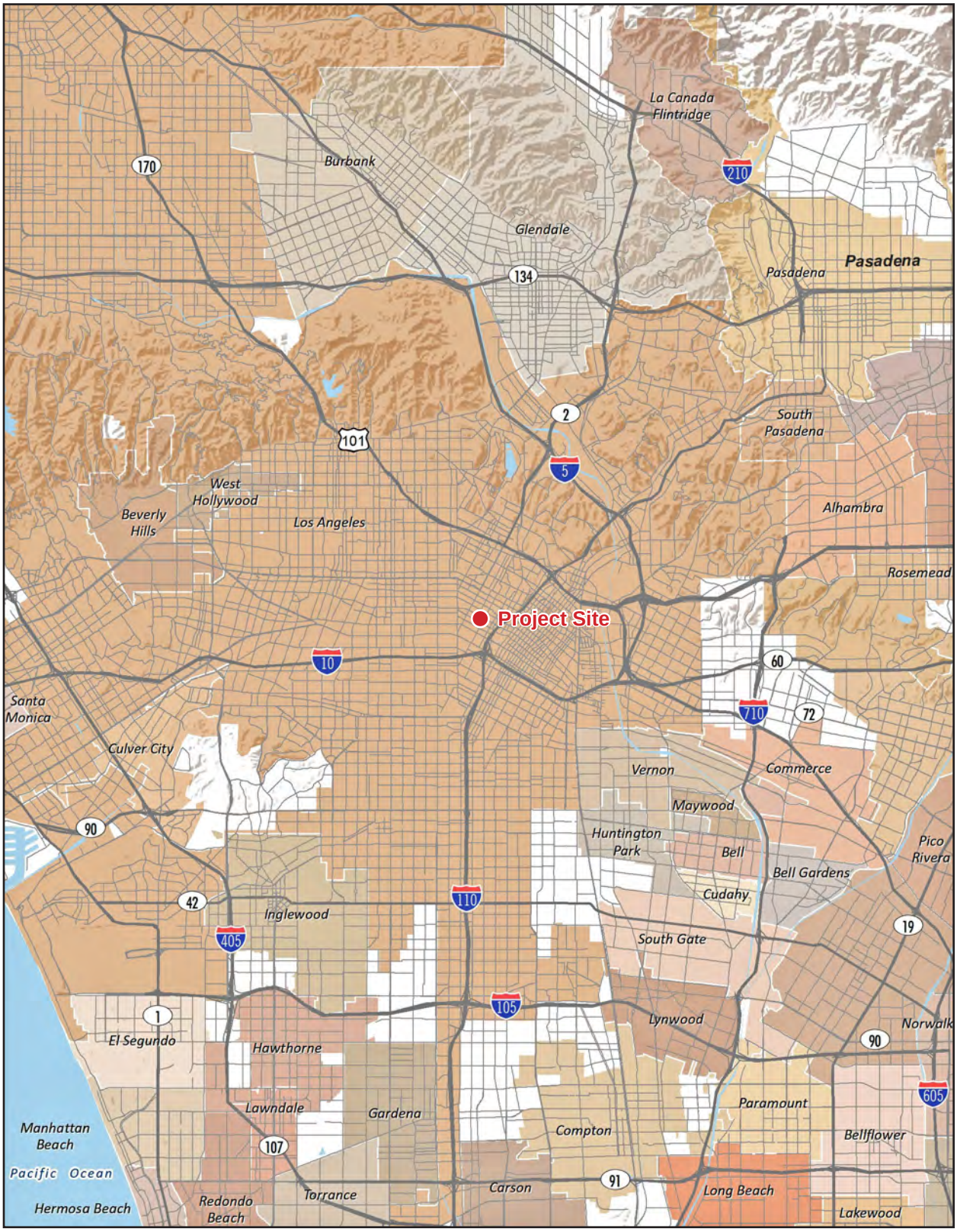
Figure 1 - Regional Location

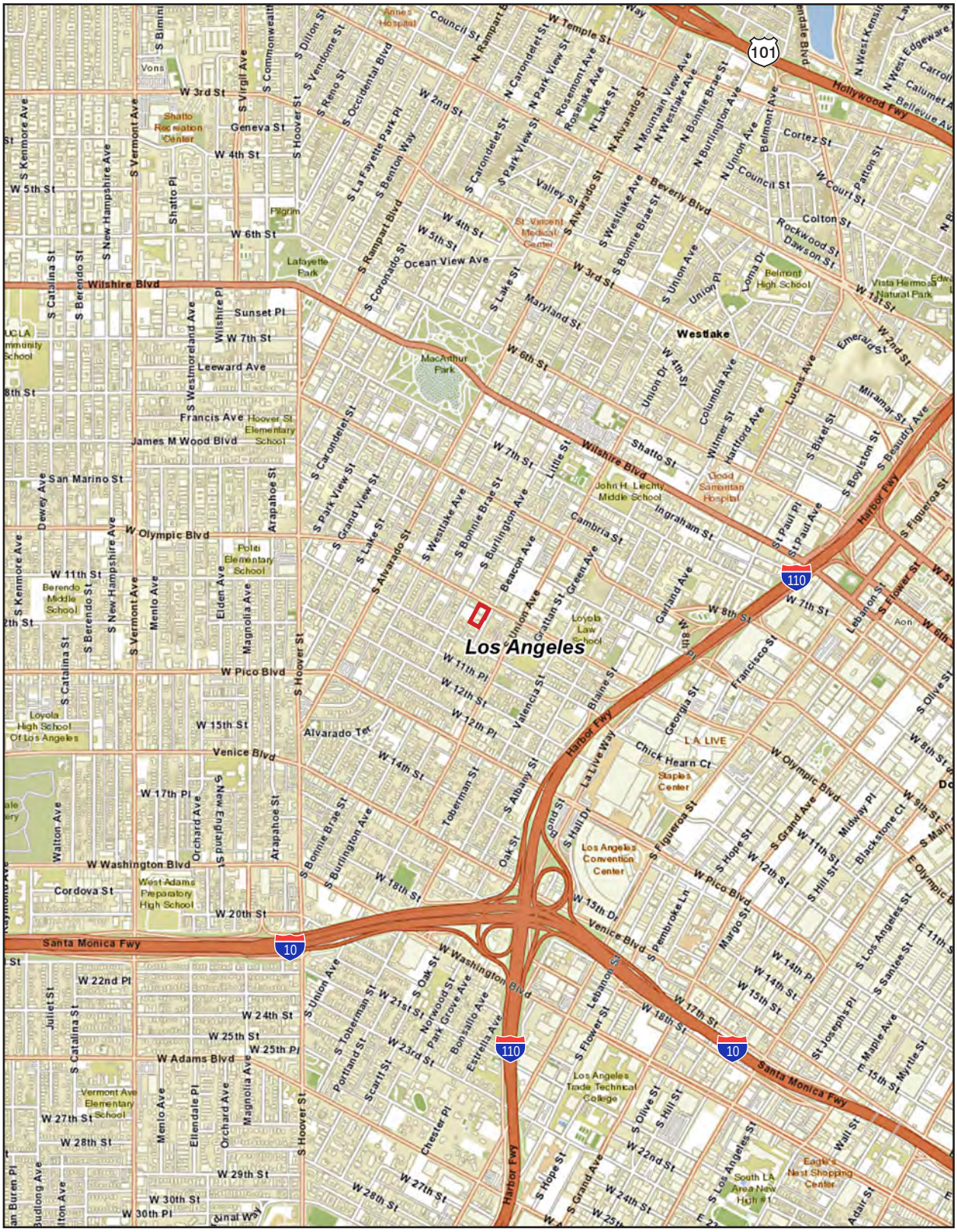


Note: Unincorporated county areas are shown in white.

0 3
Scale (Miles)

Source: ESRI, 2020

Figure 2 - Local Vicinity



Project Boundary

0 2,000
Scale (Feet)

Source: ESRI, 2020

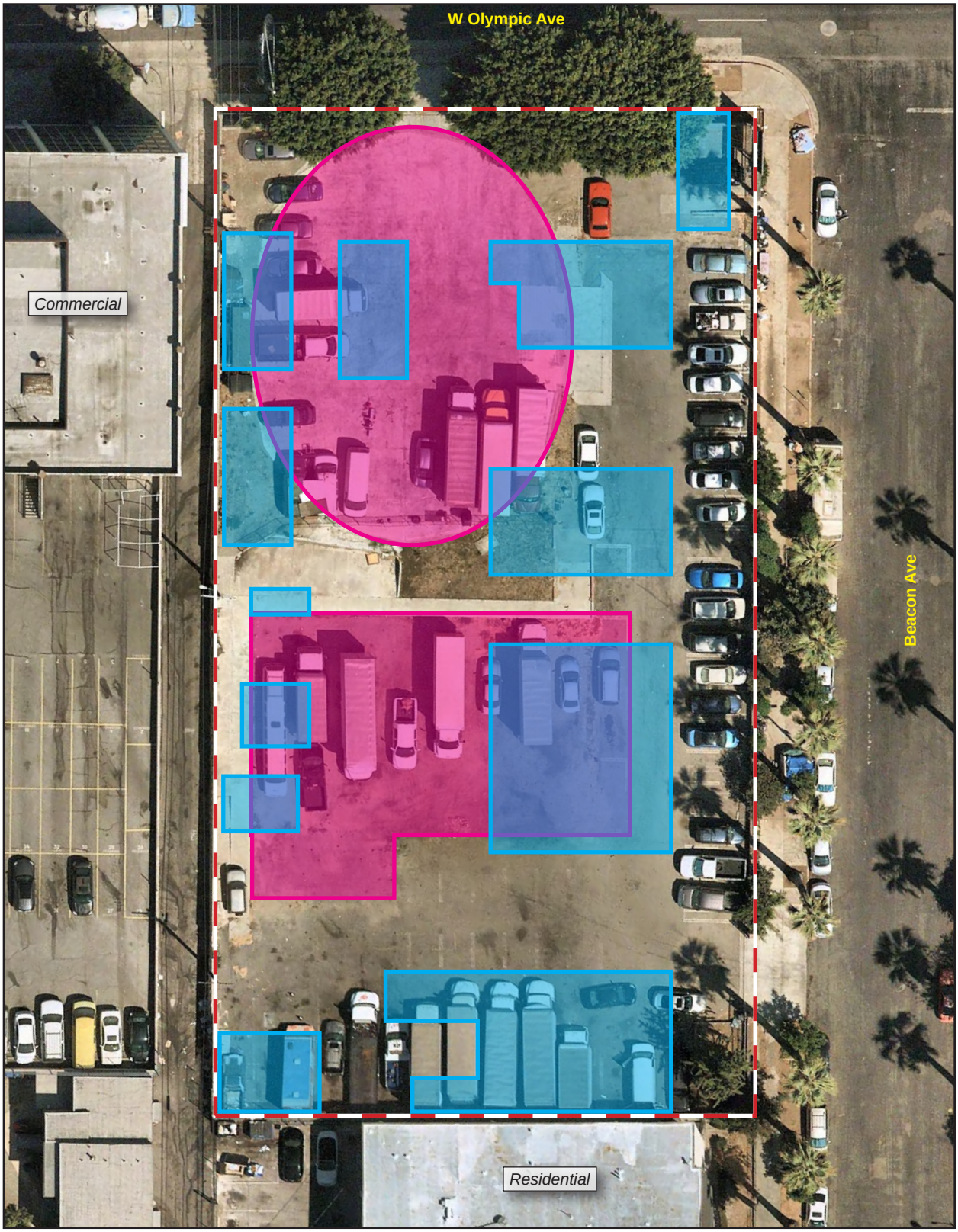
Figure 3 - Aerial Photograph

Project Boundary

0 60
Scale (Feet)

Source: Nearmap, 2020

Figure 4 - Historic Buildings



Project Boundary

2002-2016 Structures

1900-1977 Structures

0 40
Scale (Feet)

Source: Nearmap, 2020

Appendix A. Research Documentation

Appendix

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1700 W Olympic Boulevard

1700 W Olympic Boulevard

Los Angeles, CA 90015

Inquiry Number: 5877588.11

November 20, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/20/19

Site Name:

1700 W Olympic Boulevard
1700 W Olympic Boulevard
Los Angeles, CA 90015
EDR Inquiry # 5877588.11

Client Name:

PlaceWorks
3 MacArthur Place Suite 1100
Santa Ana, CA 92707
Contact: Denise Clendening

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 10, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: April 25, 1977	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 17, 1970	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: April 12, 1952	USDA
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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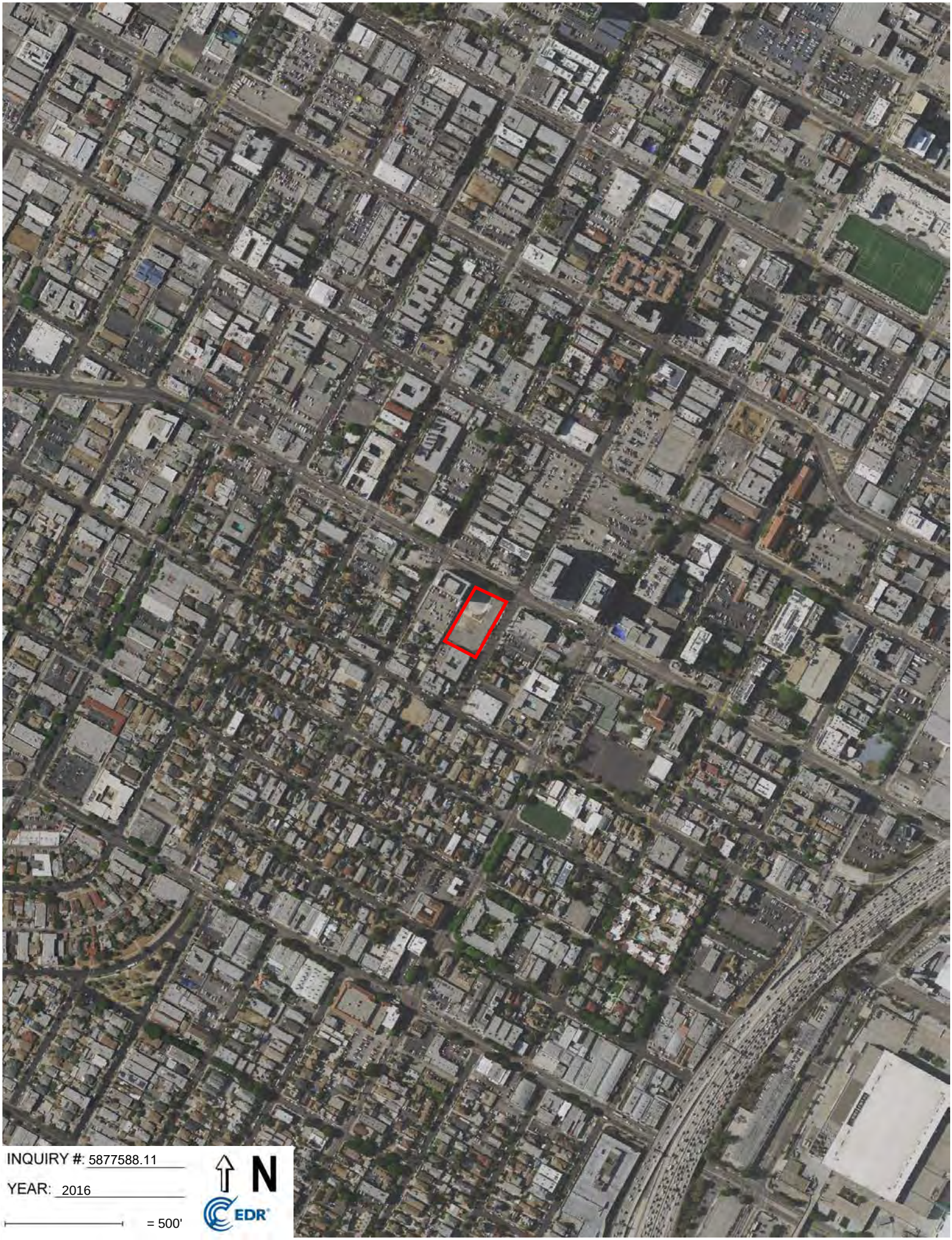
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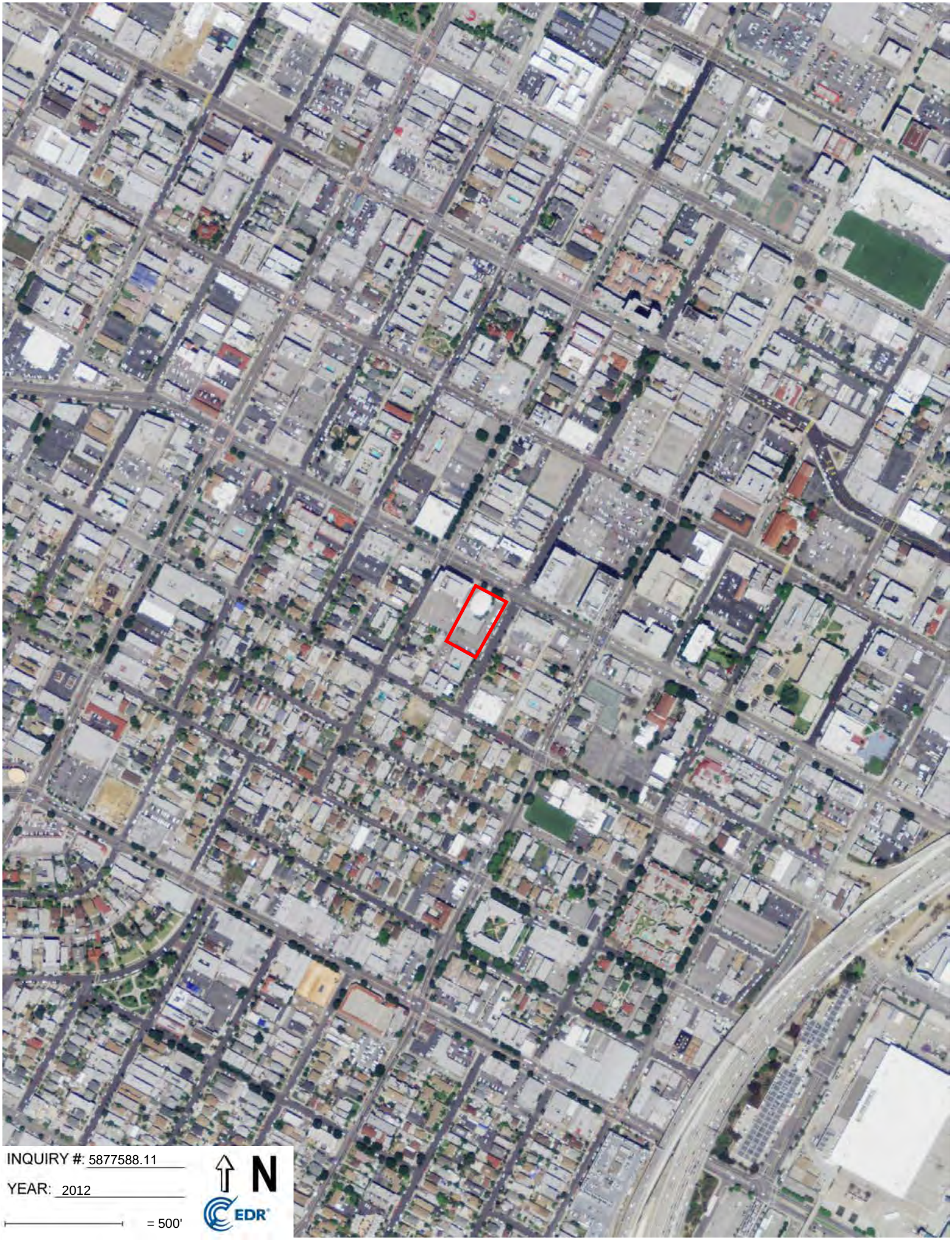
EDR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= 500'
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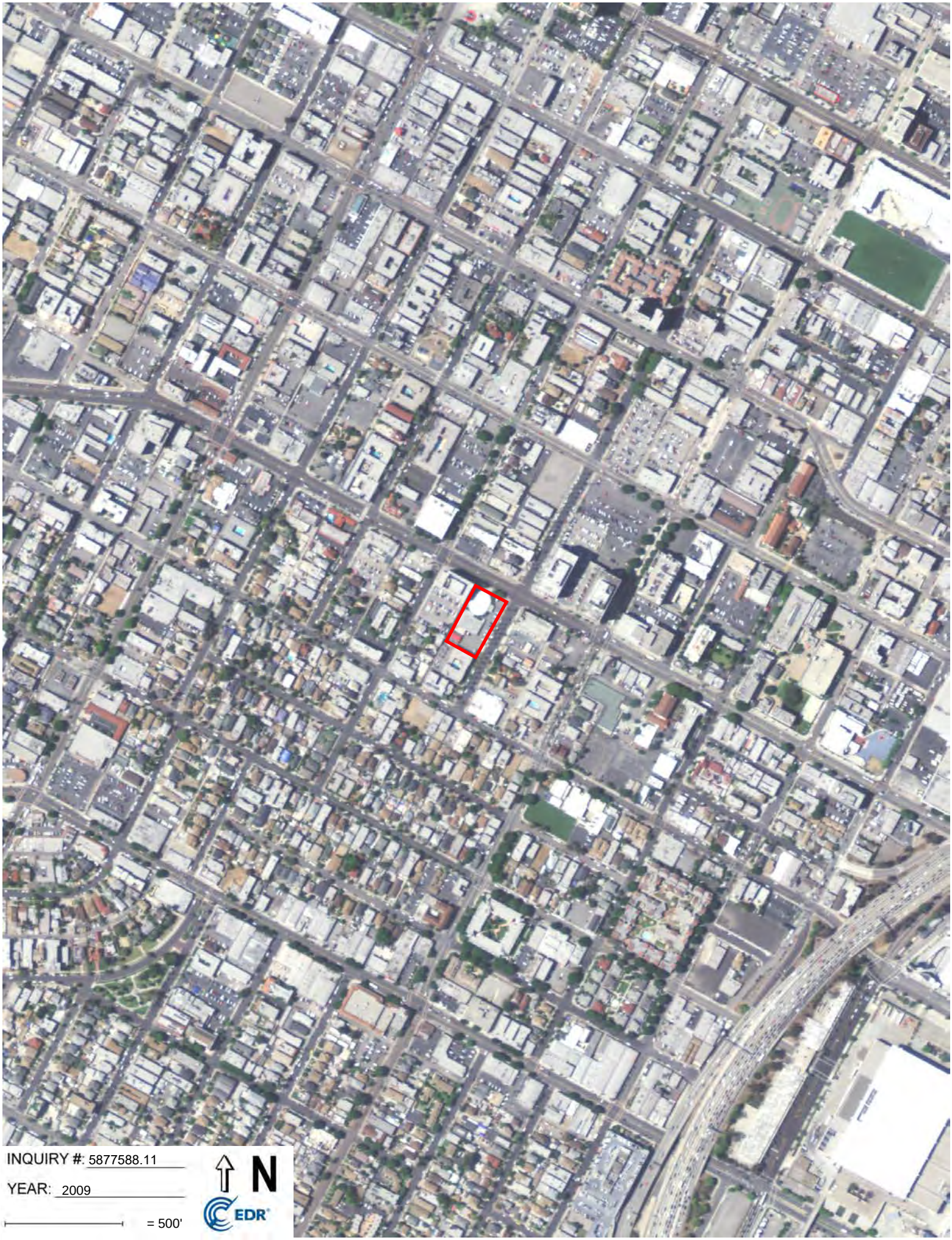
EDR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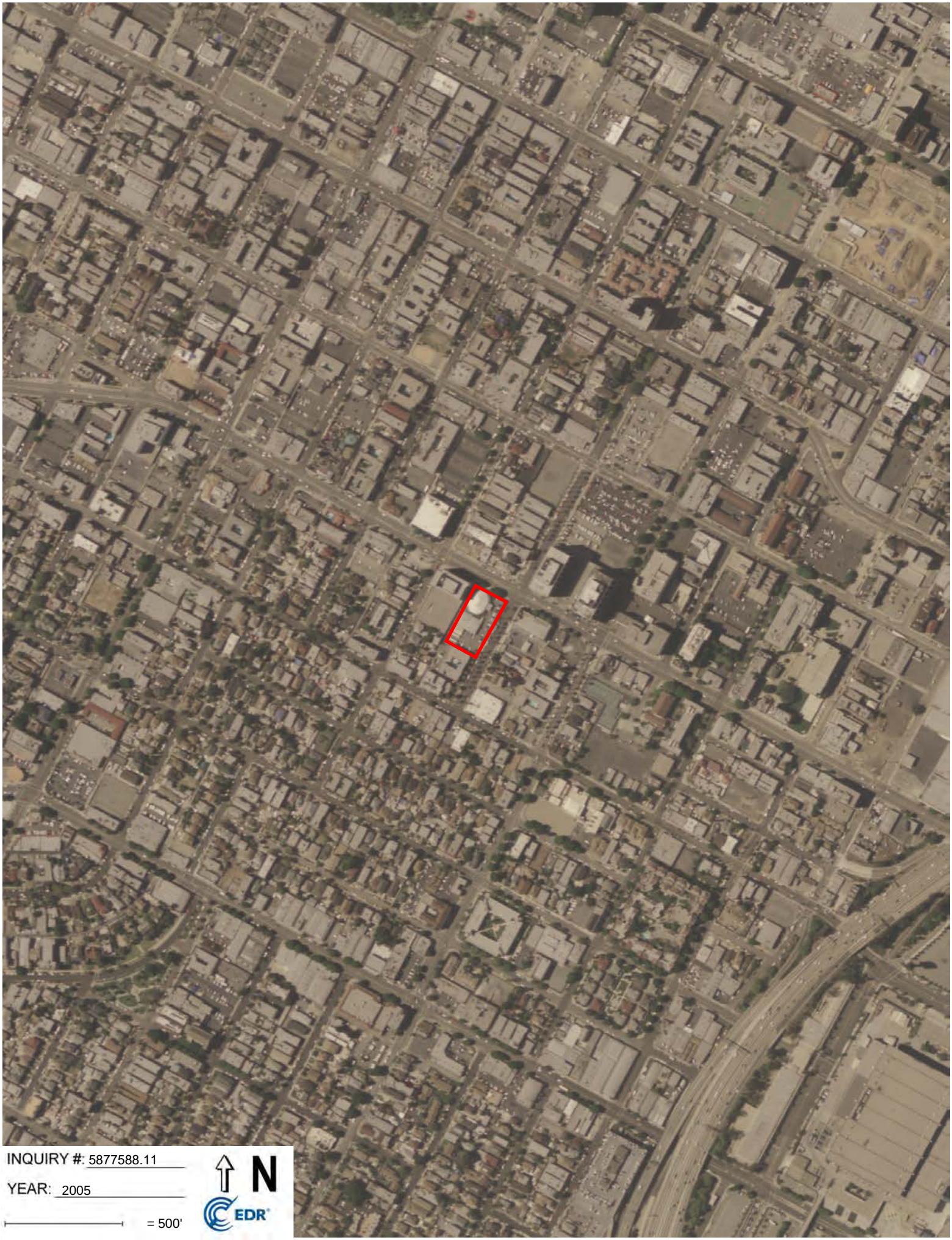
EDR


INQUIRY #: 5877588.11
YEAR: 2005
= 500'
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EDR

INQUIRY #: 5877588.11
YEAR: 2002
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 5877588.11

YEAR: 1989

= 500'

N

EDR

INQUIRY #: 5877588.11
YEAR: 1983
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1970
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1964
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1952
= 500'
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EDR

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YEAR: 1948
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EDR

INQUIRY #: 5877588.11
YEAR: 1938
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1928
= 500'
N
EDR

INQUIRY #: 5877588.11
YEAR: 1923
= 500'
N
EDR

1700 W Olympic Boulevard

1700 W Olympic Boulevard

Los Angeles, CA 90015

Inquiry Number: 5877588.4

November 20, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/20/19

Site Name:	Client Name:
1700 W Olympic Boulevard	PlaceWorks
1700 W Olympic Boulevard	3 MacArthur Place Suite 1100
Los Angeles, CA 90015	Santa Ana, CA 92707
EDR Inquiry # 5877588.4	Contact: Denise Clendening

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by PlaceWorks were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.#	BSS-12.0
Project:	1700 W Olympic Blvd

Coordinates:

Latitude:	34.049424 34° 2' 58" North
Longitude:	-118.276039 -118° 16' 34" West
UTM Zone:	Zone 11 North
UTM X Meters:	382225.19
UTM Y Meters:	3768370.42
Elevation:	253.22' above sea level

Maps Provided:

2012	1920
1991, 1994	1902
1981	1900
1972	1898
1966	1896
1953	1894
1928	
1921	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

Hollywood
2012
7.5-minute, 24000

Los Angeles
2012
7.5-minute, 24000

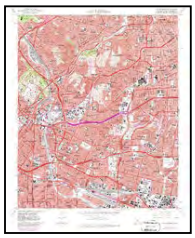
1991, 1994 Source Sheets

Hollywood
1991
7.5-minute, 24000
Aerial Photo Revised 1978

Los Angeles
1994
7.5-minute, 24000
Aerial Photo Revised 1978

1981 Source Sheets

Hollywood
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Los Angeles
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

Los Angeles
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Hollywood
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1966 Source Sheets

Hollywood
1966
7.5-minute, 24000
Aerial Photo Revised 1964

Los Angeles
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1953 Source Sheets

Hollywood
1953
7.5-minute, 24000
Aerial Photo Revised 1952

Los Angeles
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1928 Source Sheets

Los Angeles
1928
7.5-minute, 24000

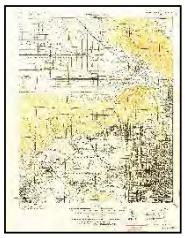
1921 Source Sheets

Santa Monica
1921
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1920 Source Sheets



SANTA MONICA
1920
15-minute, 62500

1902 Source Sheets

Santa Monica
1902
15-minute, 62500

1900 Source Sheets

Pasadena
1900
15-minute, 62500

Los Angeles
1900
15-minute, 62500

1898 Source Sheets

Santa Monica
1898
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1896 Source Sheets

Santa Monica
1896
15-minute, 62500

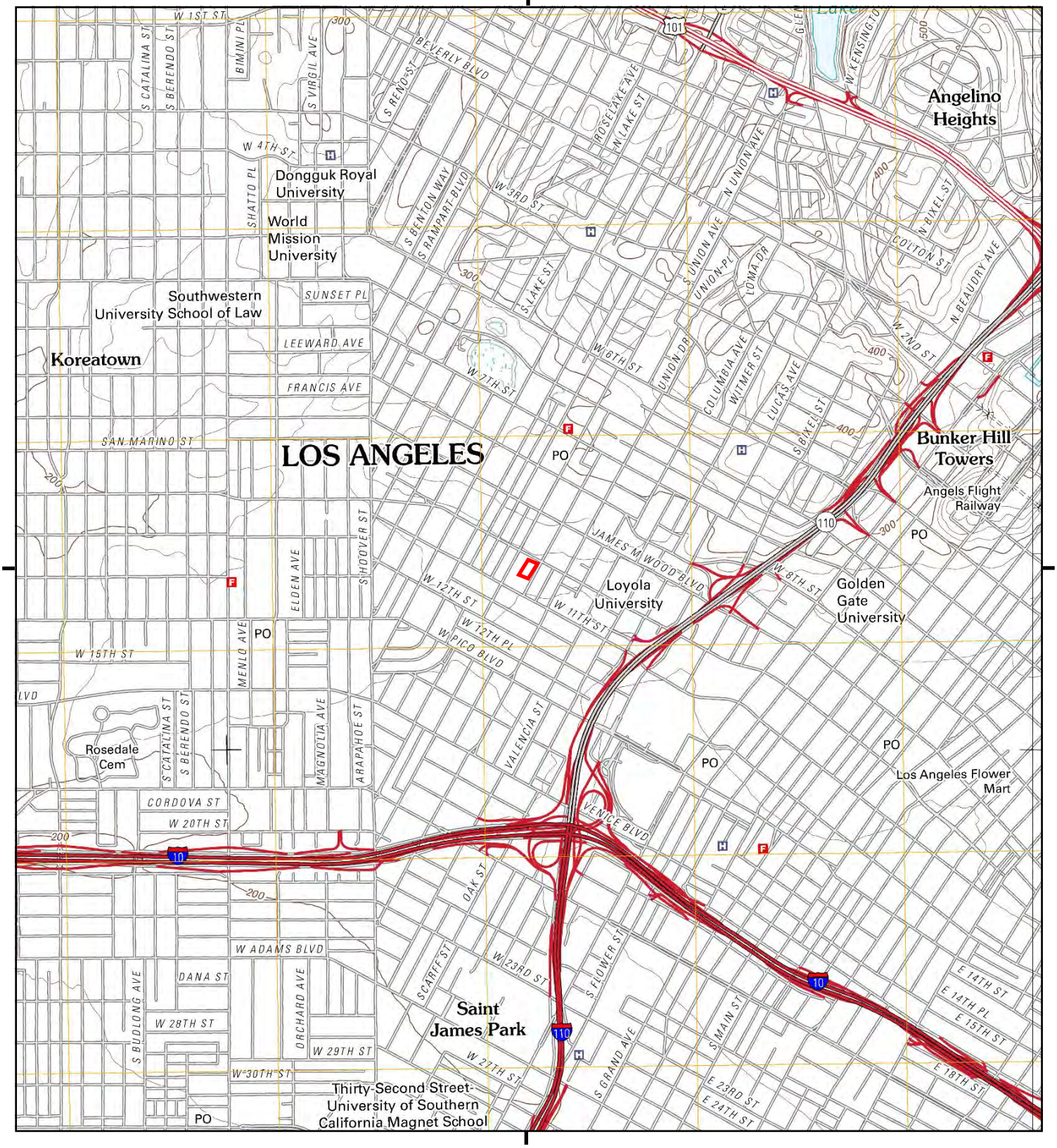
Pasadena
1896
15-minute, 62500

1894 Source Sheets

Los Angeles
1894
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

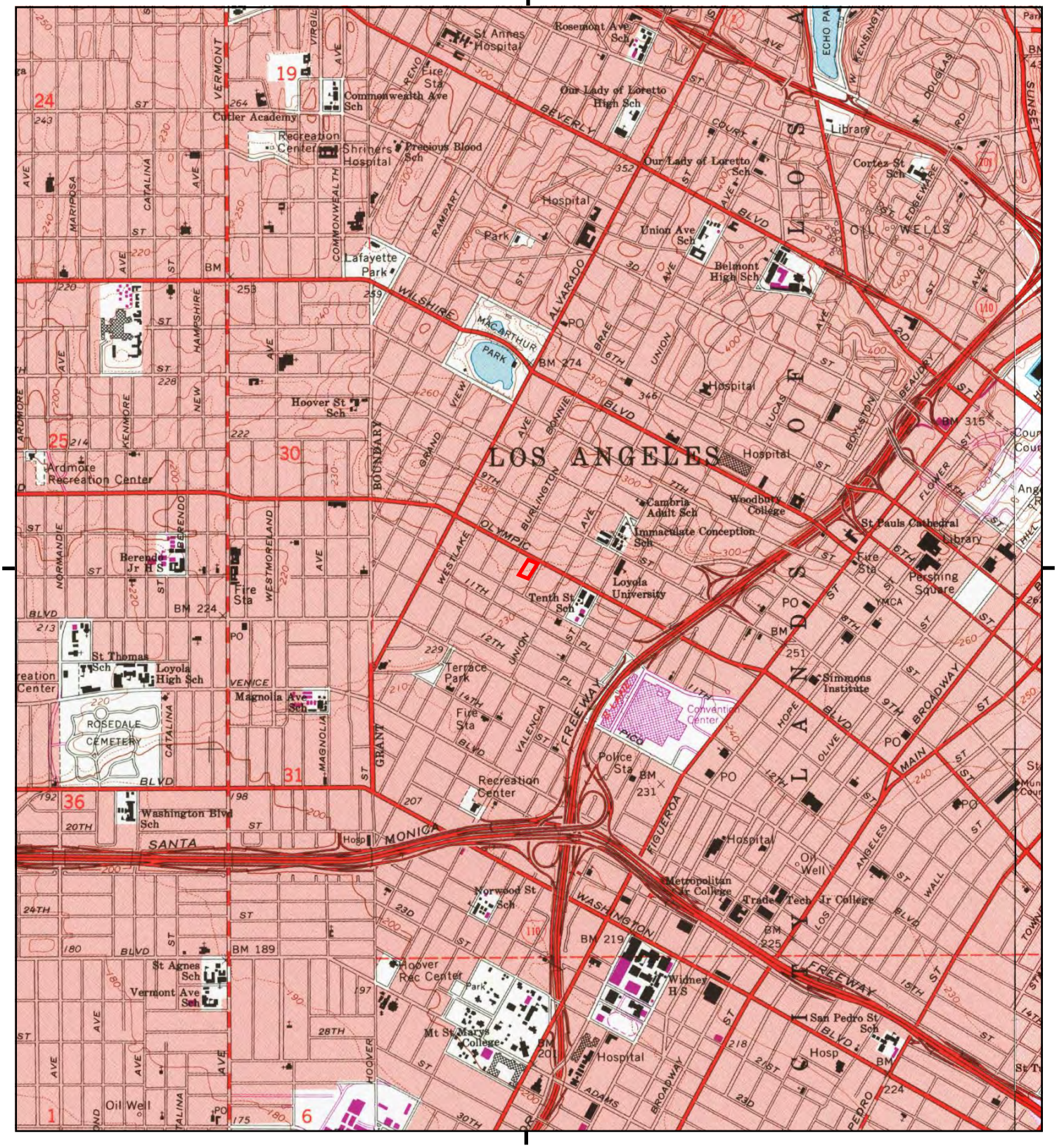
TP, Hollywood, 2012, 7.5-minute
E, Los Angeles, 2012, 7.5-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1991, 1994



This report includes information from the following map sheet(s).

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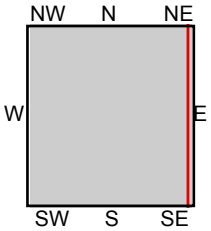


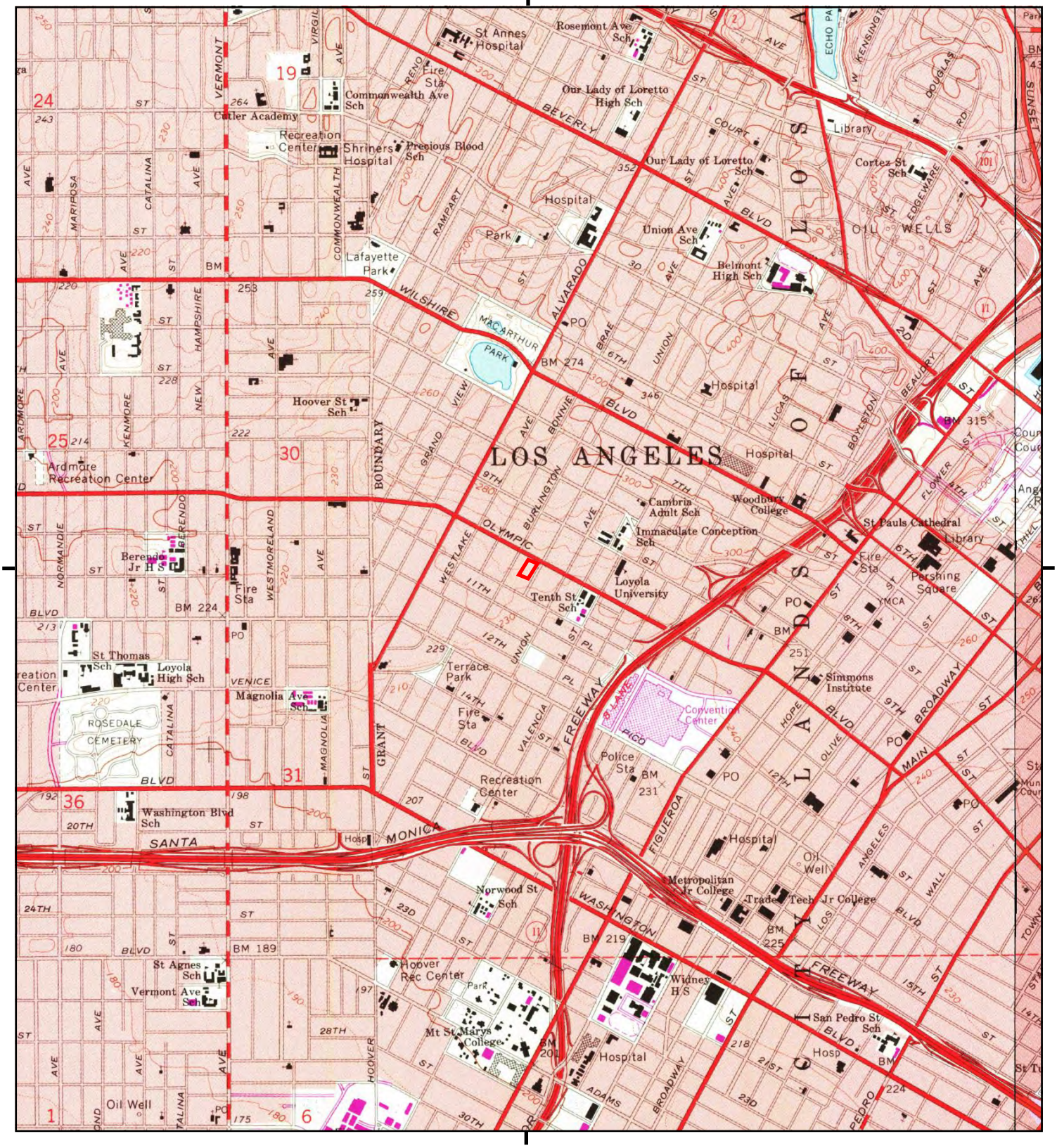
TP, Hollywood, 1991, 7.5-minute
E, Los Angeles, 1994, 7.5-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1981


St Annes Hospital
Rosemont Ave Sch
Fire Sta
Commonwealth Ave Sch
Our Lady of Loretto High Sch
Cutler Academy
Recreation Center
Shriners Hospital
Precious Blood Sch
Library
Cortez St Sch
Our Lady of Loretto Sch
Hospital
Park
Union Ave Sch
Belmont High Sch
OIL WELLS
Lafayette Park
WILSHIRE
MACARTHUR PARK
PO
BM 274
Hospital
Hoover St Sch
BM 315
LOS ANGELES
Hospital
Ardmore Recreation Center
Cambria Adult Sch
Woodbury College
St Pauls Cathedral
Library
Immaculate Conception Sch
Fire Sta
Pershing Square
Berendo Jr H S
Loyola University
Tenth St Sch
YMCA
BM 224
Simmons Institute
St Thomas Sch
Loyola High Sch
Terrace Park
Convention Center
Magnolia Ave Sch
ROSEDALE CEMETERY
Fire Sta
Police Sta
Recreation Center
Washington Blvd Sch
SANTA MONICA
Hospital
Oil Well
Metropolitan Jr College
Trade Tech Jr College
Norwood St Sch
BM 219
BM 189
Hoover Rec Center
Widney H S
St Agnes Sch
Vermont Ave Sch
Mt St Marys College
Hospital
San Pedro St Sch
Oil Well
FREEWAY
WASHINGTON
BROADWAY
MAIN
OLYMPIC
BEVERLY
VERMONT
WESTLAKE
BURLINGTON
ALVARADO
GRAND
BOUNDARY
GRANT
VALENCIA
FIGUEROA
HOOVER
ADAMS
PICO
VENICE
WALL
PEDRO
ECHO PARK
DOUGLAS
KENSINGTON
EDGEWARE
BEAUDRY
BOYSTON
FLOWER
LUCAS
UNION
BONNIE
BRAE
RAMPART
COMMONWEALTH
VIRGIL
MARIPOSA
CATALINA
HAMPSHIRE
NEW
KENMORE
ARDMORE
NORMANDIE
BERENDO
WESTMORELAND
MAGNOLIA
HOPE
OLIVE
ANGELES
LOS
24
19
25
30
31
36
1
6
BM 253
BM 228
BM 213
BM 229
BM 251
BM 231
BM 225
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BM 224
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BM 180
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BM 340
BM 360
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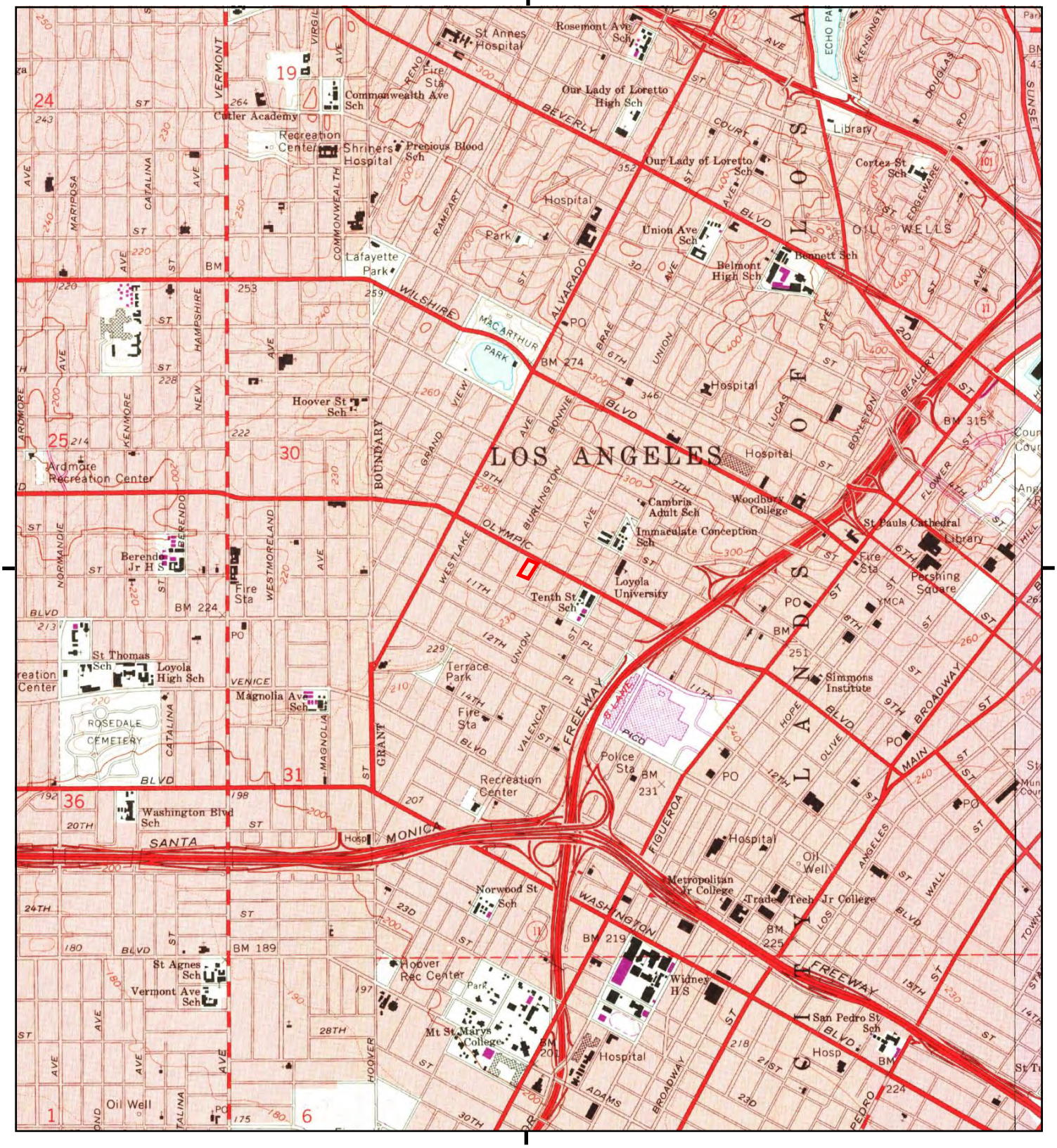
BM 560
BM 580
BM 600
BM

Historical Topo Map

1972



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

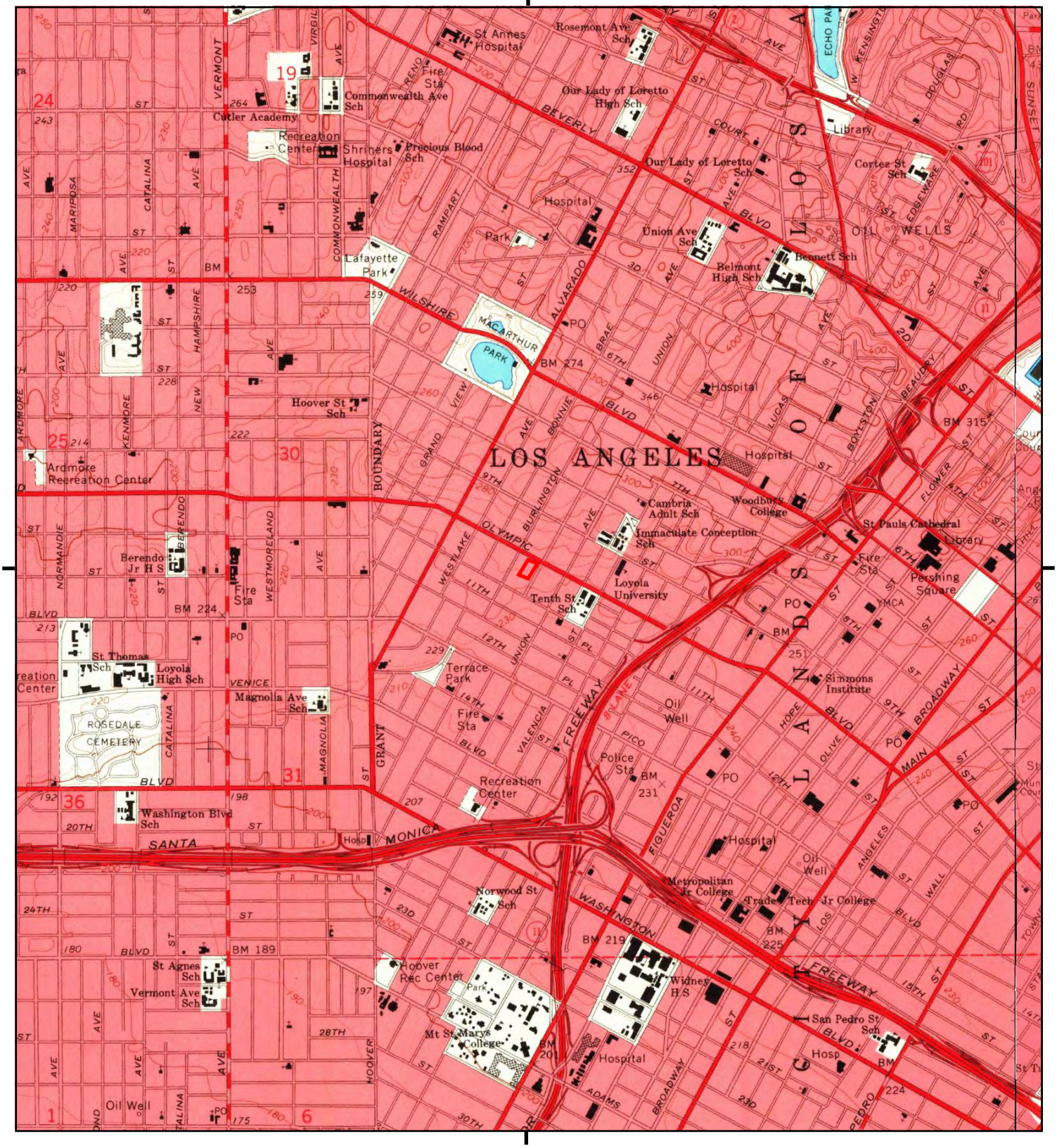
TP, Hollywood, 1972, 7.5-minute
E, Los Angeles, 1972, 7.5-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1966



This report includes information from the following map sheet(s).

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W E
SW S SE

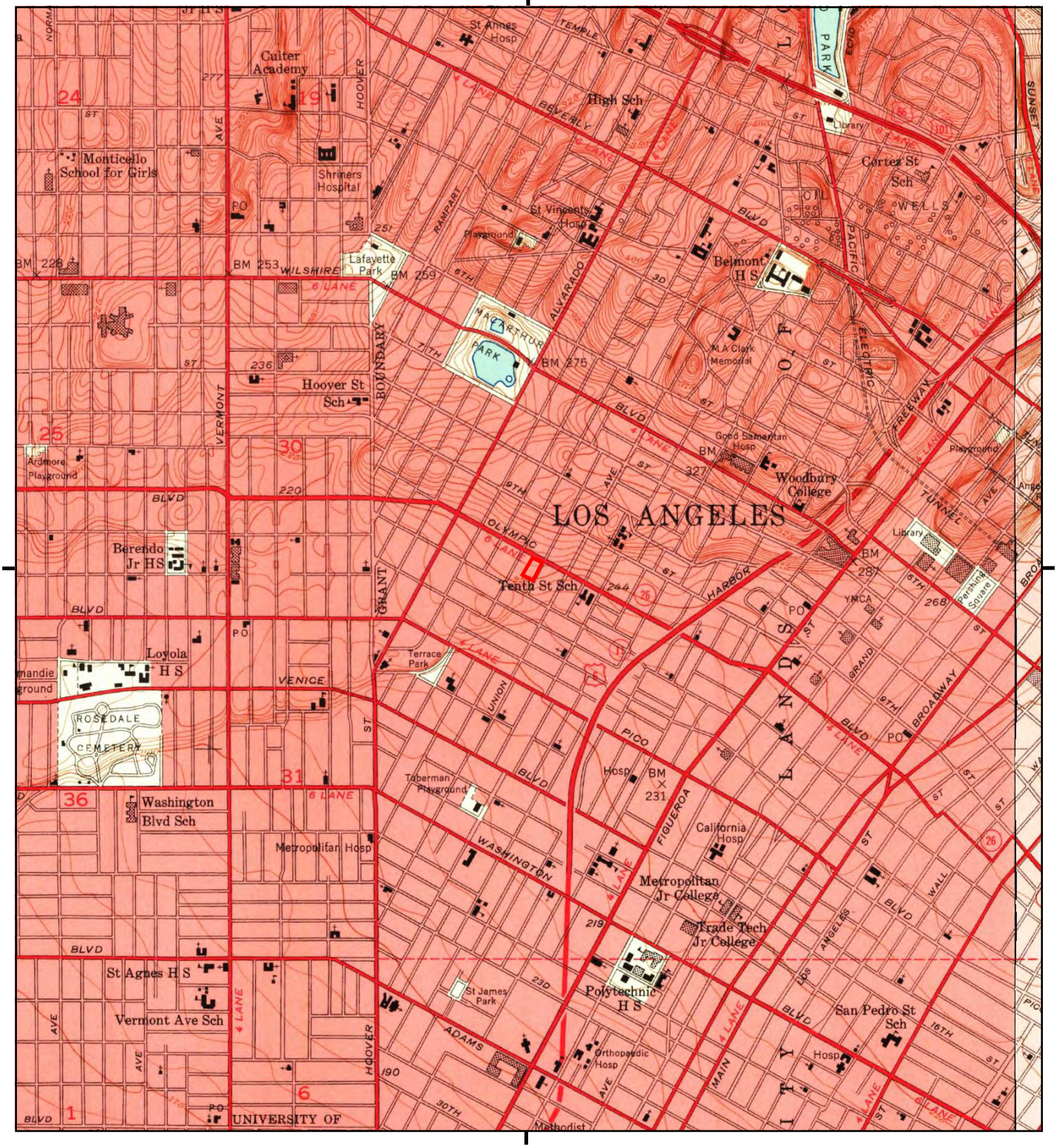
TP, Hollywood, 1966, 7.5-minute
E, Los Angeles, 1966, 7.5-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

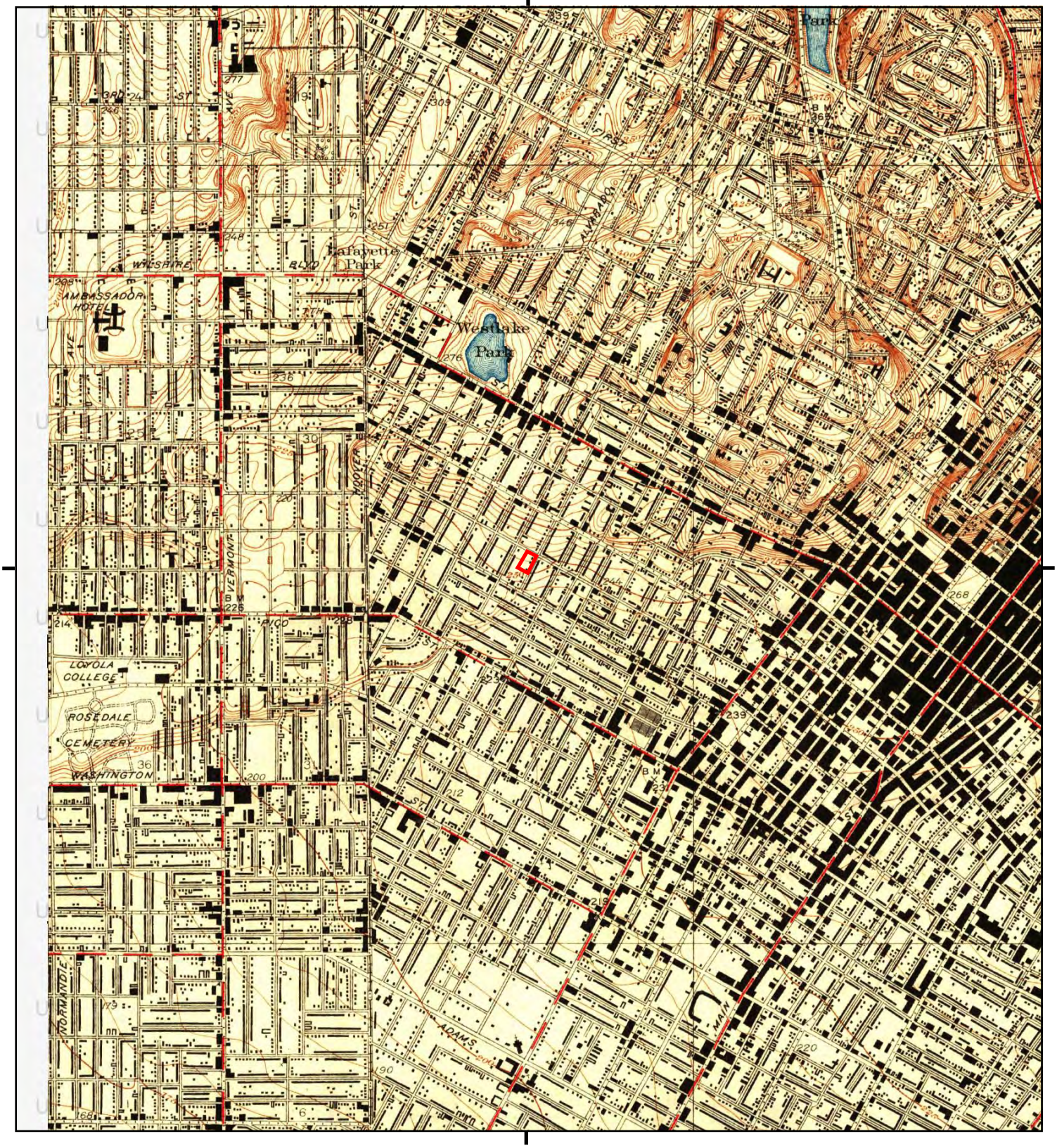
TP, Hollywood, 1953, 7.5-minute
E, Los Angeles, 1953, 7.5-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1928



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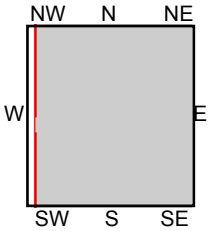
0 Miles 0.25 0.5 1 1.5



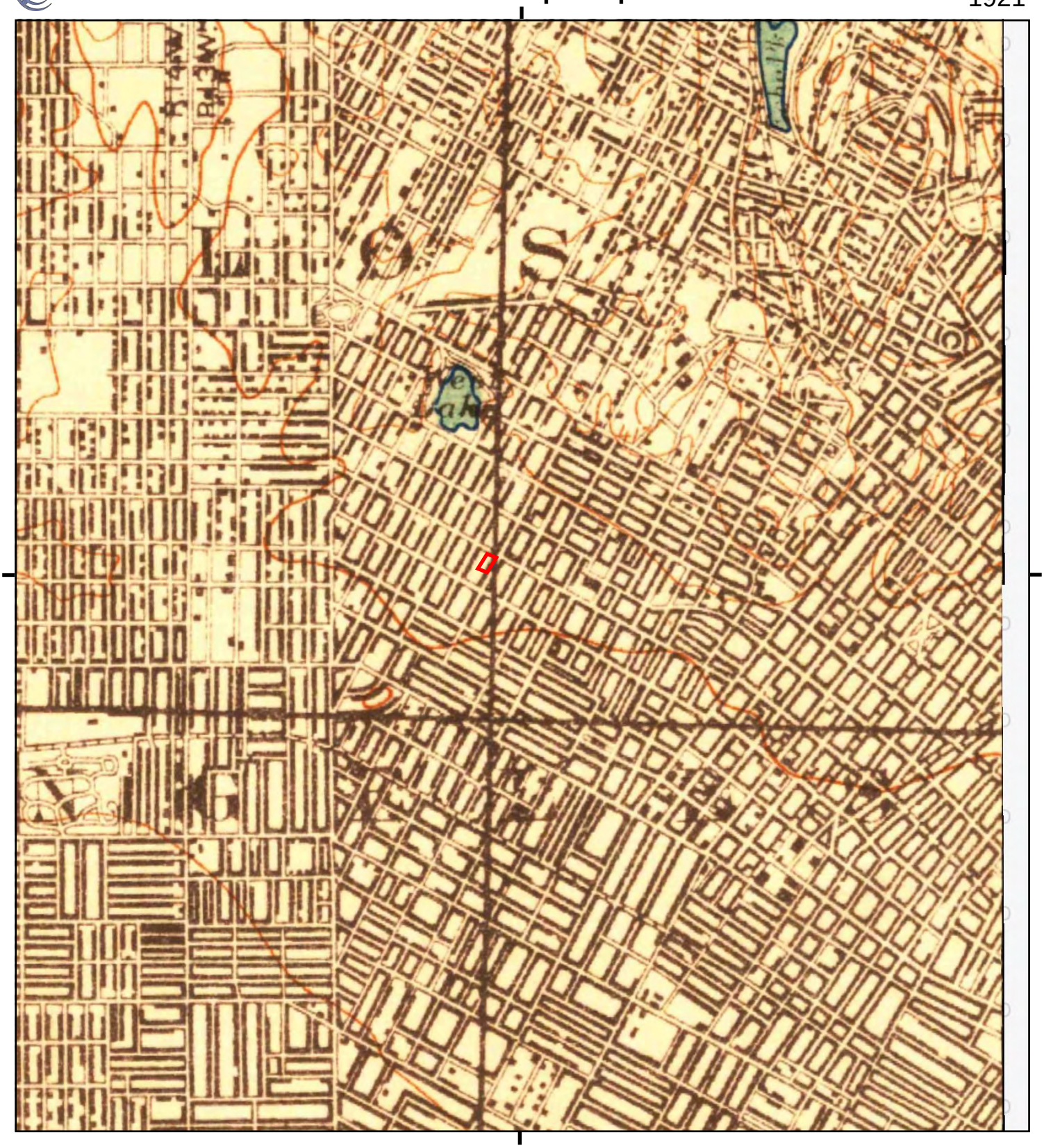
TP, Los Angeles, 1928, 7.5-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

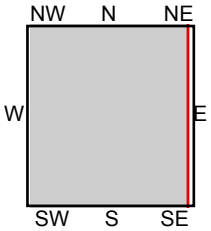
Historical Topo Map

1921



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



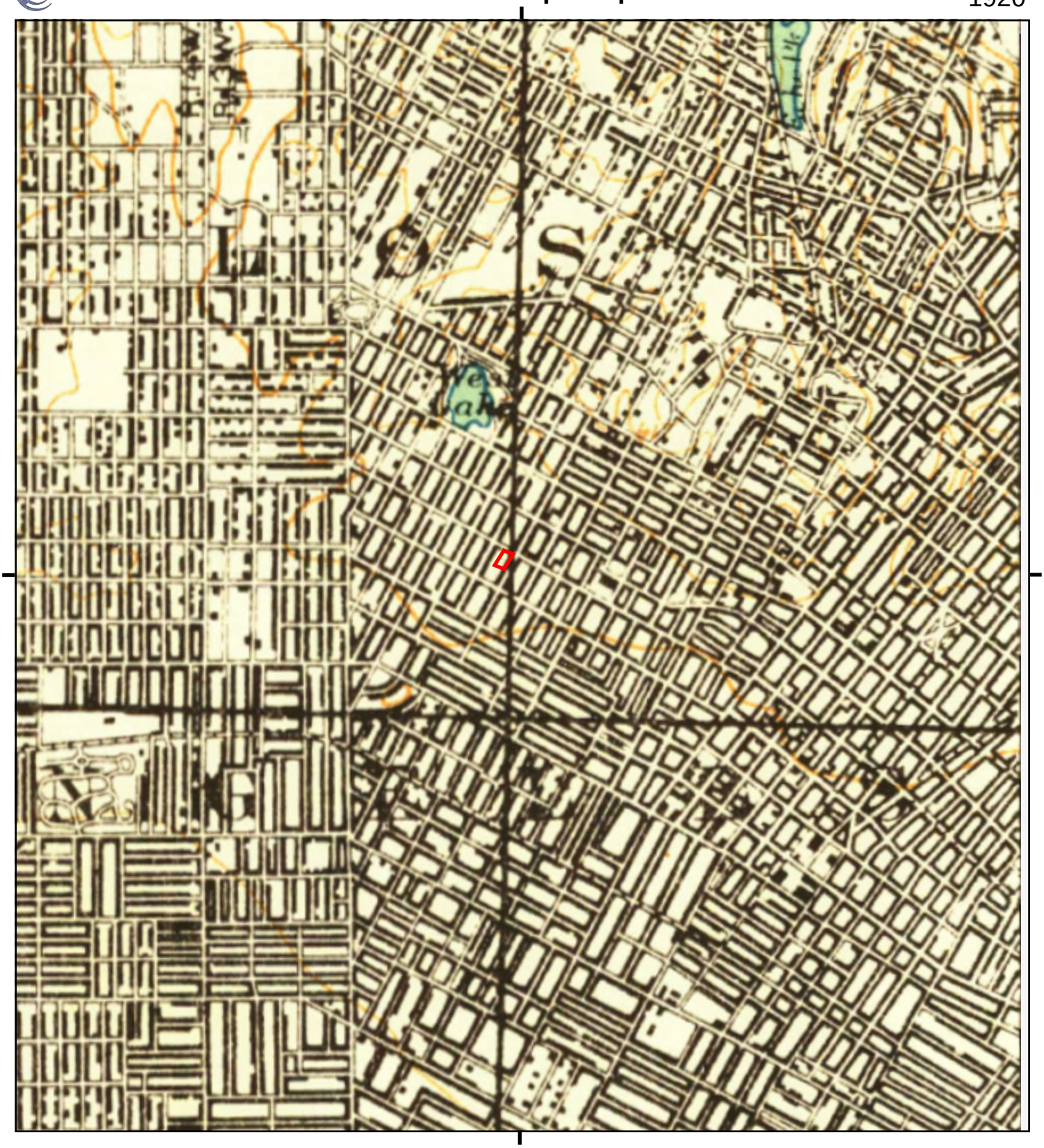
TP, Santa Monica, 1921, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

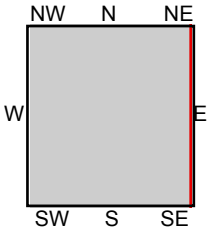
Historical Topo Map

1920



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



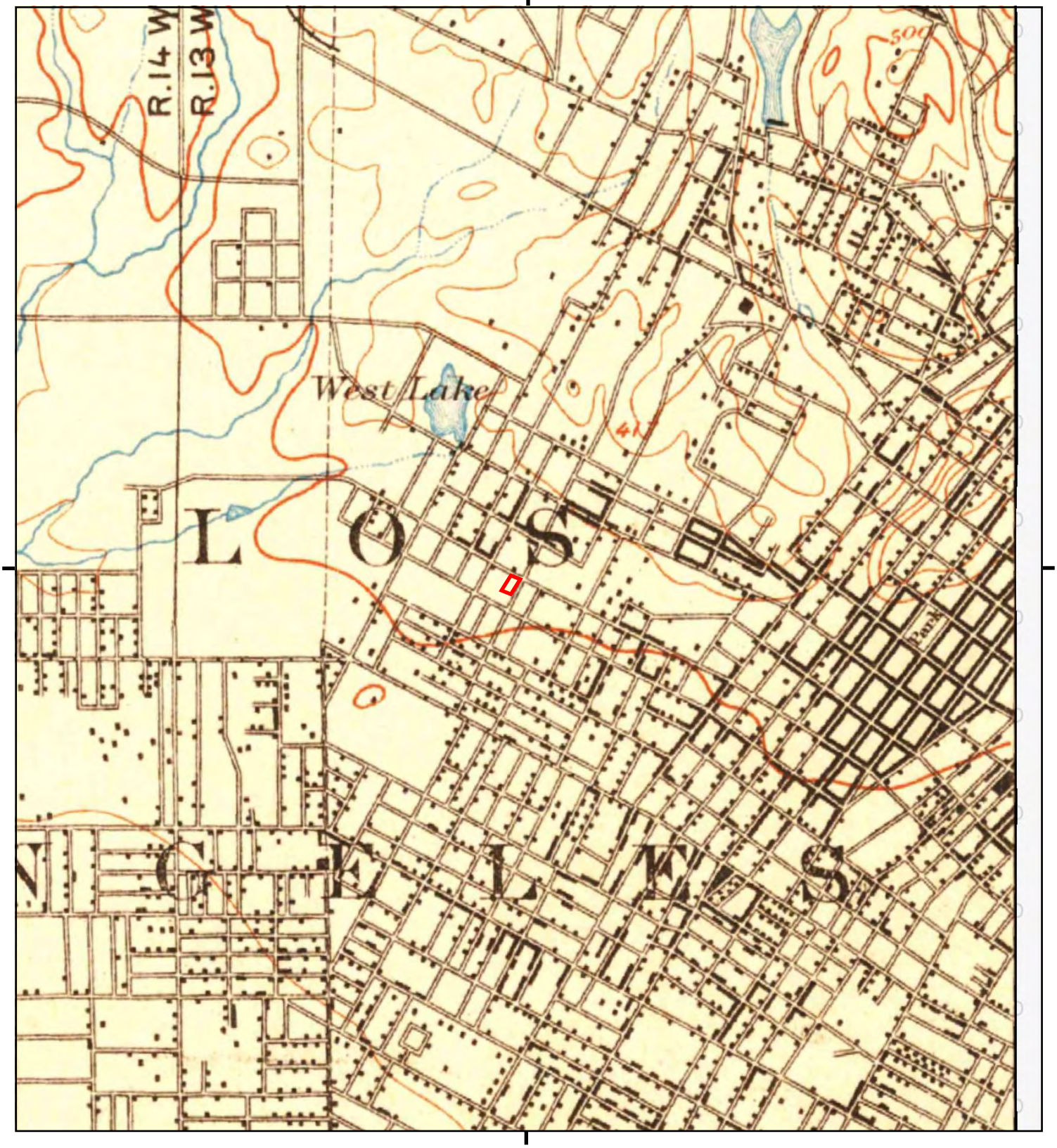
TP, SANTA MONICA, 1920, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

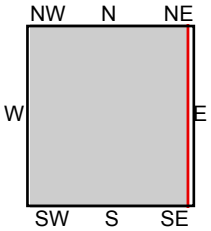
Historical Topo Map

1902



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



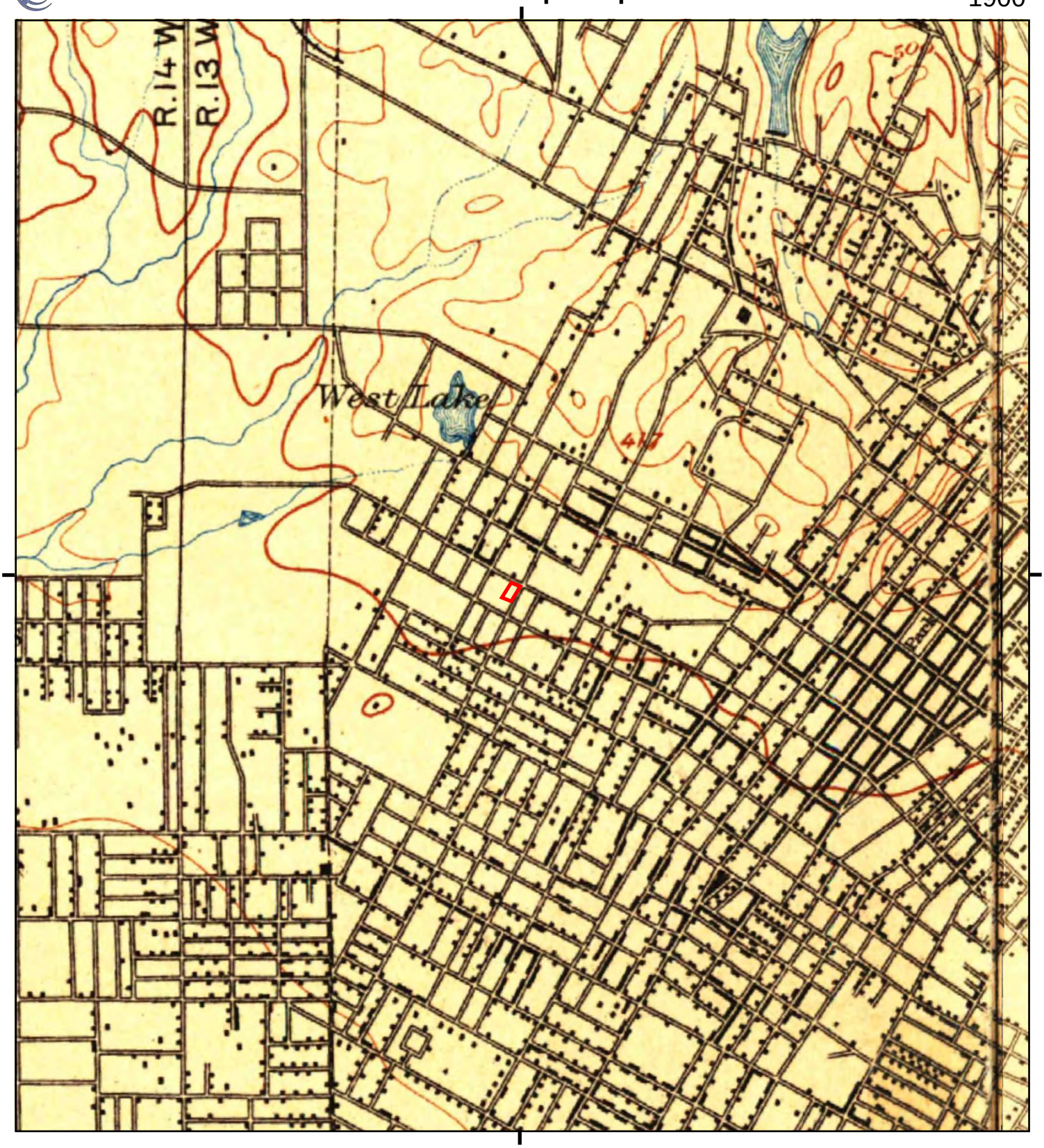
TP, Santa Monica, 1902, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1900



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

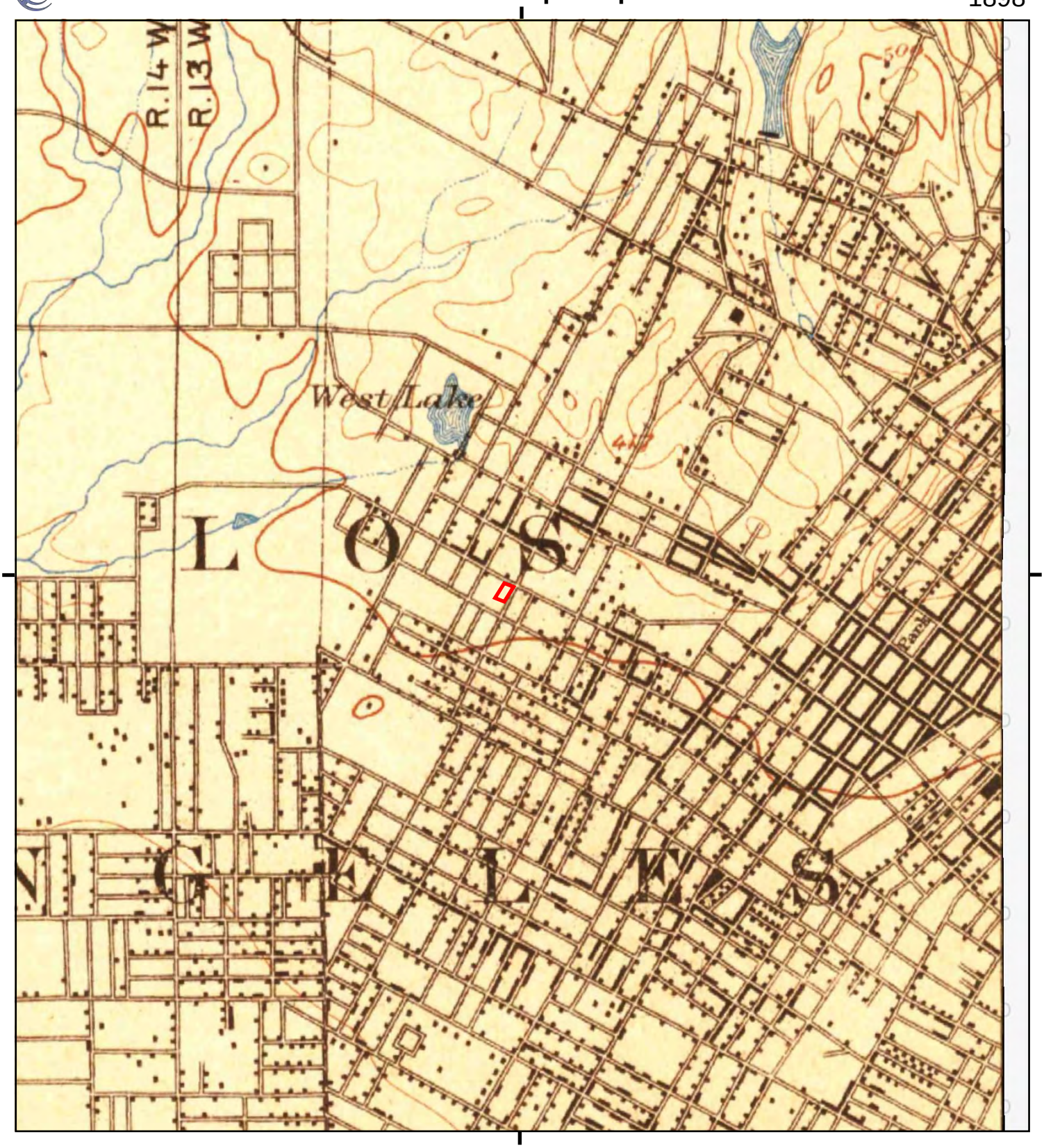
TP, Los Angeles, 1900, 15-minute
NE, Pasadena, 1900, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

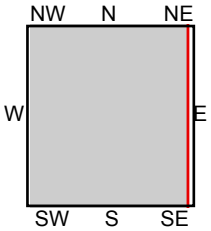
Historical Topo Map

1898



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



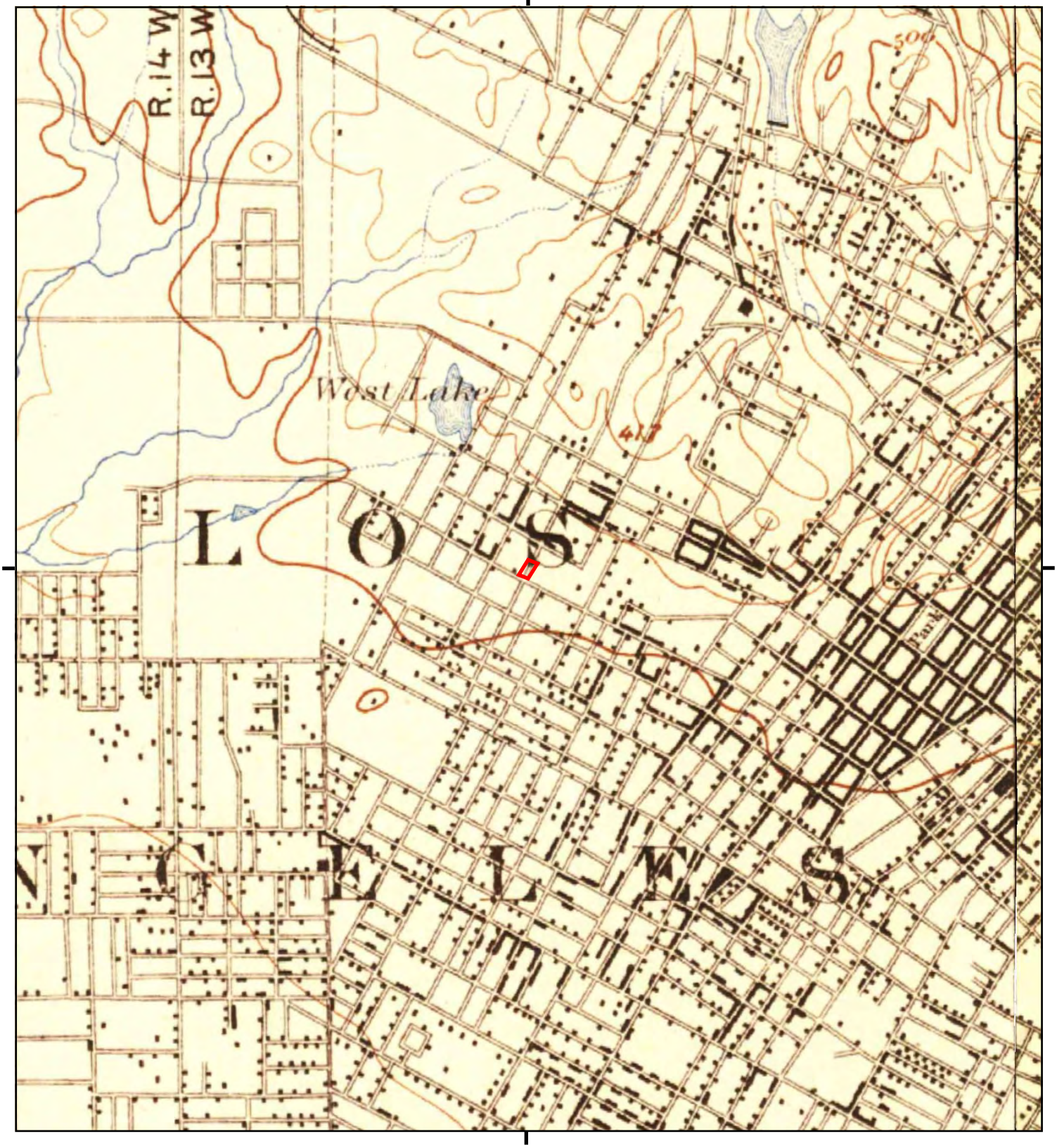
TP, Santa Monica, 1898, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

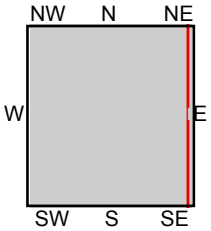
Historical Topo Map

1896



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5



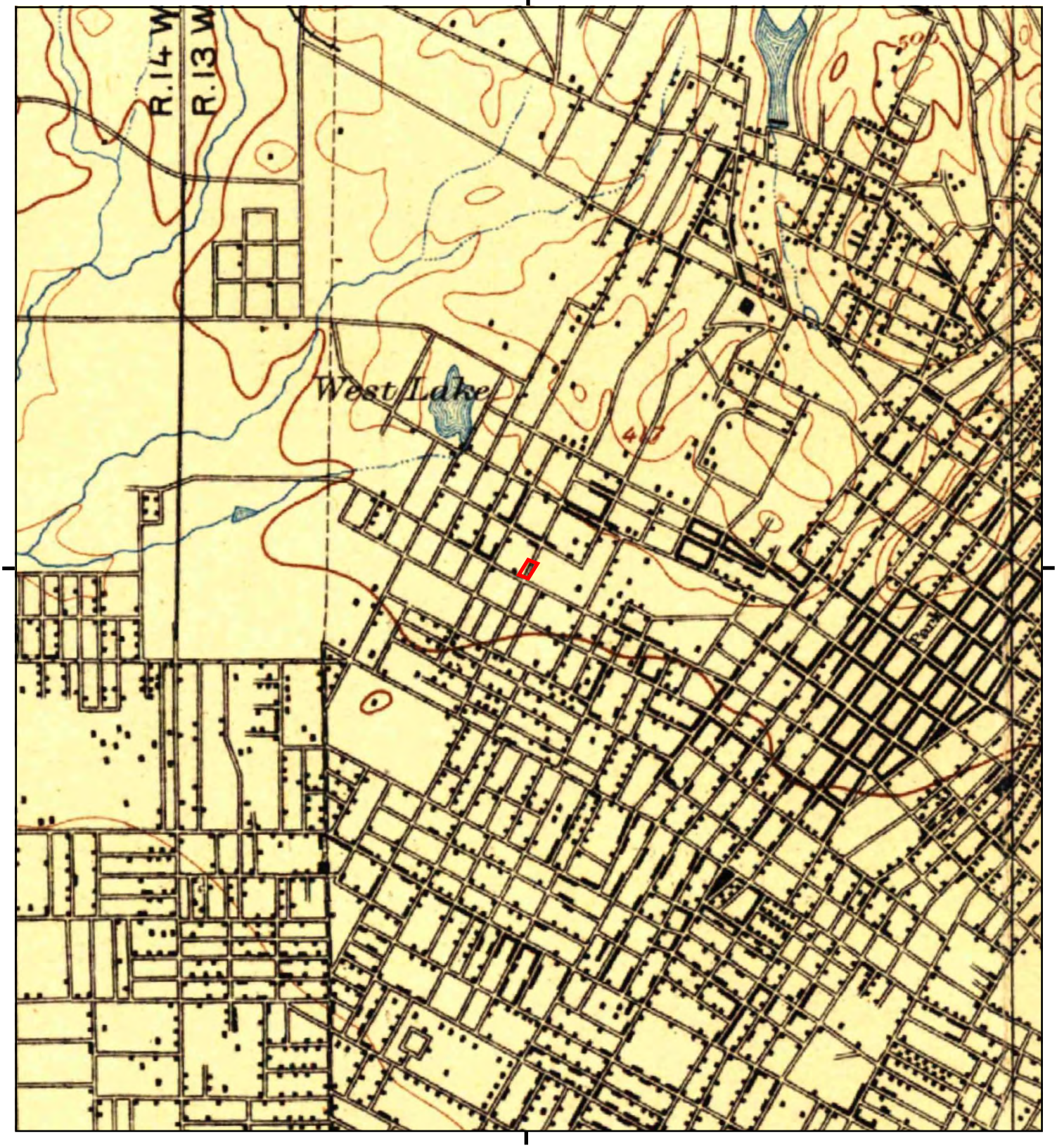
TP, Santa Monica, 1896, 15-minute
NE, Pasadena, 1896, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

Historical Topo Map

1894



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Los Angeles, 1894, 15-minute

SITE NAME: 1700 W Olympic Boulevard
ADDRESS: 1700 W Olympic Boulevard
Los Angeles, CA 90015
CLIENT: PlaceWorks

N

1700 W Olympic Boulevard
1700 W Olympic Boulevard
Los Angeles, CA 90015

Inquiry Number: 5877588.8
November 20, 2019

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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About This Report

Executive Summary

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of PlaceWorks on Nov 20, 2019.

TARGET PROPERTY

1700 W Olympic Boulevard
Los Angeles, CA 90015

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Los Angeles

Year	*Source*	*TP*	*Adjoining*
2019	City of Los Angeles, Department of Building and Safety		X
2018	City of Los Angeles, Department of Building and Safety		X
2017	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
2016	City of Los Angeles, Department of Building and Safety		X
2015	City of Los Angeles, Department of Building and Safety		X
2014	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
2013	City of Los Angeles, Department of Building and Safety		X
2012	City of Los Angeles, Department of Building and Safety		X
2011	City of Los Angeles, Department of Building and Safety		X
2010	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
2009	City of Los Angeles, Department of Building and Safety		X
2008	City of Los Angeles, Department of Building and Safety		X
2007	City of Los Angeles, Department of Building and Safety		X
2006	City of Los Angeles, Department of Building and Safety		X
2005	City of Los Angeles, Department of Building and Safety		X
2004	City of Los Angeles, Department of Building and Safety		X
2003	City of Los Angeles, Department of Building and Safety		X
2002	City of Los Angeles, Department of Building and Safety		X
2001	City of Los Angeles, Department of Building and Safety		X
2000	City of Los Angeles, Department of Building and Safety		X
1999	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
1998	City of Los Angeles, Department of Building and Safety		X
	City of Los Angeles, Department of Building and Safety	X	
1997	City of Los Angeles, Department of Building and Safety		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1997	City of Los Angeles, Department of Building and Safety	X	
1996	City of Los Angeles, Department of Building and Safety		X
1995	City of Los Angeles, Department of Building and Safety		
1994	City of Los Angeles, Department of Building and Safety		
1993	City of Los Angeles, Department of Building and Safety		
1992	City of Los Angeles, Department of Building and Safety		
1991	City of Los Angeles, Department of Building and Safety		
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1955	City of Los Angeles, Department of Building and Safety		
1954	City of Los Angeles, Department of Building and Safety		
1953	City of Los Angeles, Department of Building and Safety		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1952	City of Los Angeles, Department of Building and Safety		
1951	City of Los Angeles, Department of Building and Safety		
1950	City of Los Angeles, Department of Building and Safety		
1949	City of Los Angeles, Department of Building and Safety		
1948	City of Los Angeles, Department of Building and Safety		
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1931	City of Los Angeles, Department of Building and Safety		
1930	City of Los Angeles, Department of Building and Safety		
1929	City of Los Angeles, Department of Building and Safety		
1928	City of Los Angeles, Department of Building and Safety		
1927	City of Los Angeles, Department of Building and Safety		
1926	City of Los Angeles, Department of Building and Safety		
1925	City of Los Angeles, Department of Building and Safety		
1924	City of Los Angeles, Department of Building and Safety		
1923	City of Los Angeles, Department of Building and Safety		
1922	City of Los Angeles, Department of Building and Safety		
1921	City of Los Angeles, Department of Building and Safety		
1920	City of Los Angeles, Department of Building and Safety		
1919	City of Los Angeles, Department of Building and Safety		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Los Angeles
Years: 1919-2019
Source: City of Los Angeles, Department of Building and Safety, LOS ANGELES, CA
Phone: (213) 482-6800

Name: Brentwood
Years: 1982-2019
Source: City of Brentwood, Building and Code Enforcement, BRENTWOOD, CA
Phone: (925) 516-5405

Name: Burbank
Years: 1970-2018
Source: City of Burbank, Building Division, BURBANK, CA
Phone: (818) 238-5220

Name: Los Angeles County
Years: 1970-2019
Source: Los Angeles County, Building and Safety, LOS ANGELES, CA
Phone: (626) 458-6368

Name: Rialto
Years: 1981-2019
Source: City of Rialto, Building and Safety, RIALTO, CA
Phone: (909) 820-2505

Name: San Bernardino County
Years: 1981-2019
Source: San Bernardino County, Land Use, Building & Safety, RIALTO, CA
Phone: (909) 387-8311

Name: Santa Monica
Years: 1979-2019
Source: City of Santa Monica, Building and Safety, Santa Monica, CA
Phone: (310) 458-8355

Name: Huntington Beach
Years: 1964-2019
Source: Huntington Beach, Dept. of Building and Safety, SAN FRANCISCO, CA
Phone: (714) 536-5241

Name: Inglewood
Years: 1988-2018
Source: City of Inglewood, Planning Division, INGLEWOOD, CA
Phone: (310) 412-5230

Name: Baldwin Park
Years: 1992-2018
Source: Baldwin Park, Building and Safety, BALDWIN PARK, CA
Phone: (626) 813-5265

Name: West Hollywood
Years: 1989-2016
Source: , LOS ANGELES, CA
Phone: 323-848-6320

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

1700 W Olympic Boulevard
Los Angeles, CA 90015

1700 W OLYMPIC BLVD

Date:	**9/8/2017**
Permit Type:	
Description:	**Plan Check DOMESTIC WATER, WASTE/VENT (INCLUDING S**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	160421000005482
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	D N I PLUMBING CO INC

Date:	**9/8/2017**
Permit Type:	
Description:	**Plan Check HVAC for 5 STORY, 149 GUSTROOMS HOTEL**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	160441000002973
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	KOOLER AIR CONDITIONING & HEATING, KOOLER JC INC

TARGET PROPERTY FINDINGS

Date: **7/21/2017**
Permit Type:
Description: **Plan Check 5 STORY, 149 GUSTROOMS HOTEL BUILDI**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000002685
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVERGREEN ELECTRIC CONSTRUCTION INC

Date: **3/16/2017**
Permit Type:
Description: **Plan Check 4 STORY TYPE III-A , 149 GUSTROOMS**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: Commercial Hotel
Permit Number: 150101000001101
Status:
Valuation: $18,500,000.00
Contractor Company:
Contractor Name: NEW CREATION ENGINEERING & BUILDERS INC

Date: **3/16/2017**
Permit Type:
Description: **Plan Check PROPOSED 560'-0" LONG WITH MAX 16'-0"**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 150201000000974
Status:
Valuation: $520,000.00
Contractor Company:
Contractor Name: NEW CREATION ENGINEERING & BUILDERS INC

TARGET PROPERTY FINDINGS

Date:	**3/16/2017**
Permit Type:	
Description:	**Plan Check SITE EXCAVATION & PREPARATION & BACKFIL**
Permit Description:	**Grading**
Work Class:	
Proposed Use:	Commercial Grading Non-Hill
Permit Number:	150301000002471
Status:	
Valuation:	$13,154.00
Contractor Company:	
Contractor Name:	NEW CREATION ENGINEERING & BUILDERS INC

Date:	**12/2/2014**
Permit Type:	
Description:	**Plan Check DEMOLITION EXISTING PRE-FAB TEMPORARY C URCH STRUCTURE; HAND WRECKING METHOD; "COMPLY WITH DEPARTMENT ORDER effective date 04/04/2013. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE"**
Permit Description:	**Bldg-Demolition**
Work Class:	
Proposed Use:	Commercial Church Misc. Bldg or Structure
Permit Number:	140191000003763
Status:	
Valuation:	$24,000.00
Contractor Company:	
Contractor Name:	KIM KYUNG HEUI

Date:	**12/2/2014**
Permit Type:	
Description:	**No Plan Check SEWER CAP**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140421000023482
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	KIM KYUNG HEUI

TARGET PROPERTY FINDINGS

Date: **2/24/2010**
Permit Type:
Description: **No Plan Check REPLACE LIGHT FIXTURES (2 OF 2, 100-42-10000-03029)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 100411000003254
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DREAM BUILDERS CO

Date: **2/24/2010**
Permit Type:
Description: **No Plan Check REPLACE TOILET & URINALS. (1 OF 2, 10041-10000-03254)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 100421000003029
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DREAM BUILDERS CO

Date: **11/30/1999**
Permit Type:
Description: **No Plan Check EXTRA TRIP WITNESS TEST**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 970411000120112
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PULSE PLUS ELECTRIC CO

TARGET PROPERTY FINDINGS

Date: **12/28/1998**
Permit Type:
Description: **Plan Check Adding 21 pendent heads on the existing system.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 980431000003256
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUPER CONTRACTORS CO

Date: **12/10/1998**
Permit Type:
Description: **No Plan Check DAY CARE INSP HUERTA**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000027055
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HI-TEK ELECTRIC COMPANY

Date: **12/8/1998**
Permit Type:
Description: **Plan Check REVISE PLANS FOR 1 RAMP AND NEW SOFFIT/OVERHANG AT STAGE/SANCTUARY. Also create storage area northwest of platform and extendplat form by 4ft.x15.5ft**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Church
Permit Number: 970101000502645
Status:
Valuation: $2,500.00
Contractor Company:
Contractor Name:

TARGET PROPERTY FINDINGS

Date: **11/4/1998**
Permit Type:
Description: **No Plan Check CHANGE OF CONTRACTOR ORI. PER.#97041-10000-13122**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000024692
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HI-TEK ELECTRIC COMPANY

Date: **11/4/1998**
Permit Type:
Description: **Plan Check CHANGE OF CONTRACTOR TO OWNER-BUILDER ON PERMIT #97010-10000-02645 OK J MARTINEZ**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Church
Permit Number: 970101000302645
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/4/1998**
Permit Type:
Description: **Plan Check CHANGE OF CONTRACTOR TO OWNER-BUILDER ON PERMIT #97010-10001-02645 OK J MARTINEZ**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Church
Permit Number: 970101000402645
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/17/1998**
Permit Type:
Description: **No Plan Check CHANGE OF CONTRACTOR TO OWNER-BUILDER SUPPLEMENTAL TO PERMIT #97010-10000-02640**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Church
Permit Number: 970101000202640
Status:
Valuation: $301.00
Contractor Company:
Contractor Name:

Date: **5/15/1998**
Permit Type:
Description: **No Plan Check CHANGE ADDRESS FROM 1700 E. OLYMPIC BLVD TO 1700 W. OLYMPIC BLVD. SUPPLEMENTAL PERMIT TO 98042-10000-06171. DEPT. ERROR, NO FEE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980421000106171
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HAN LIM CONSTRUCTION

Date: **3/30/1998**
Permit Type:
Description: **Plan Check T.I.: ADD MALE & FEMALE SANITARY FACILITY PER TITLE 24. TEMP. CHURCH UNDER PERMIT #97LA70859**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Temporary Structure
Permit Number: 970101000102645
Status:
Valuation: $8,000.00
Contractor Company:
Contractor Name: HAN LIM CONSTRUCTION

TARGET PROPERTY FINDINGS

Date:	**12/30/1997**
Permit Type:	
Description:	**Plan Check installing fire sprinkler system for tent plan checked&permitted**
Permit Description:	**Fire Sprinkler**
Work Class:	
Proposed Use:	Commercial
Permit Number:	970431000003261
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SUPER CONTRACTORS CO

Date:	**12/19/1997**
Permit Type:	
Description:	**Plan Check INSTALL A PRE-FAB TEMPORARY STRUCTURE TO BE USED AS A CHURCH FOR A PERIOD OF 18 MONTHS FOLLOWING THE ISSUANCE OF TEMPORARY CERTIFICATE OF OCCUPANCY. SEE BOARD FILE 970441 AND ZA 97-0266(CUZ)(YV)**
Permit Description:	**Bldg-New**
Work Class:	
Proposed Use:	Commercial Church
Permit Number:	970101000002645
Status:	
Valuation:	$250,000.00
Contractor Company:	
Contractor Name:	HAN LIM CONSTRUCTION

TARGET PROPERTY FINDINGS

Date: **12/5/1997**
Permit Type:
Description: **Plan Check TO INSTALL TEMPORARY STATE APPROVED COACHES FOR CHILD DAY CARE CENTER FOR A PERIOD OF 18 MONTHS AFTER THE TEMPORARY CERTIFICATE OF OCCUPANCY IS ISSUED. SEE BOARD FILE 970441 AND ZA97-0266(CUZ)(YV)**

Permit Description: **Bldg-New**
Work Class:
Proposed Use: Commercial School
Permit Number: 970101000002640
Status:
Valuation: $138,000.00
Contractor Company:
Contractor Name: HAN LIM CONSTRUCTION

Date: **12/1/1997**
Permit Type:
Description: **Plan Check INSTALL FACP, ANNUNCIATOR, 25 DEVICES**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 970412000020112
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PULSE PLUS ELECTRIC CO

Date: **12/1/1997**
Permit Type:
Description: **No Plan Check 1 HOUR WITNESS TEST**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 970412000020114
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PULSE PLUS ELECTRIC CO

TARGET PROPERTY FINDINGS

Date: **11/3/1997**
Permit Type:
Description: **No Plan Check Providing one site water and sewer for package mobile unit. Permit approved by SA.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 970421000011533
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUPER CONTRACTORS CO

Date: **10/16/1997**
Permit Type:
Description: **No Plan Check CTS**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970412000017058
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NATIONAL CONSTRUCTION RENTALS

Date: **9/16/1997**
Permit Type:
Description: **Plan Check remove/recompact "site prep" for church/day care 250 cu yds**

Permit Description: **Grading**
Work Class:
Proposed Use: Commercial Grading Non-Hill
Permit Number: 970301000001742
Status:
Valuation: $250.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BEACON AVE

1026 BEACON AVE

Date:	**6/20/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT 04041-10004-23035 FOR A CHANGE OF OWNER AND PARCEL INFO FROM CARL ADRIAN AND EMILIA G, TO FRANCISCO ZELAYA. NO FEE- DEPT. ERROR.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	040411000523035
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FARIAS ENRIQUE JIMENEZ

Date:	**6/20/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT 05042-10004-13272 FOR A CHANGE OF OWNER AND PARCEL INFO FROM CARL ADRIAN AND EMILIA G, TO FRANCISCO ZELAYA. NO FEE- DEPT. ERROR.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050421000513272
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DUN-RITE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **6/20/2006**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT 05044-10001-06615 FOR A CHANGE OF OWNER AND PARCEL INFO FROM CARL ADRIAN AND EMILIA G, TO FRANCISCO ZELAYA. NO FEE- DEPT. ERROR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050441000206615
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DUN-RITE CONSTRUCTION

Date: **6/20/2006**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT 06041-10000-12371 FOR A CHANGE OF OWNER AND PARCEL INFO FROM CARL ADRIAN AND EMILIA G, TO FRANCISCO ZELAYA. NO FEE- DEPT. ERROR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000112371
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FARIAS ENRIQUE JIMENEZ

ADJOINING PROPERTY FINDINGS

Date:	**6/6/2006**
Permit Type:	
Description:	**No Plan Check SUPPL. PERMIT TO PERMIT #04041-10000-23035, #04041-10001-23035, #04041-70002-23035, AND #04041-70003-23035 FOR CHANGE OF ADDRESS FROM 1028 S. BEACON AVE. TO 1026 S. BEACON AVE.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	040411000423035
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FARIAS ENRIQUE JIMENEZ

Date:	**6/6/2006**
Permit Type:	
Description:	**No Plan Check SUPPL. PERMIT TO PERMIT #05042-10000-13272, #05042-10001-13272, AND #05042-10003-13272 FOR CHANGE OF ADDRESS FROM 1028 S. BEACON AVE. TO 1026 S. BEACON AVE.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050421000413272
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DUN-RITE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **6/6/2006**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #05044-10000-06615 FOR CHANGE OF ADDRESS FROM 1028 S. BEACON AVE. TO 1026 S. BEACON AVE.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050441000106615
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DUN-RITE CONSTRUCTION

Date: **5/23/2006**
Permit Type:
Description: **No Plan Check SUB-PANEL. SERVICE @ 1028-1028 1/2.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000012371
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FARIAS ENRIQUE JIMENEZ

C.O. Issued Date: **9/14/2009**
Date: **11/5/2004**
Permit Type:
Description: **Plan Check ADD 61 SF TO (E) SFD PER LA STD TYPE V SHEET. REMODEL ENTIRE SFD. CHANGE OF USE FROM SFD TO (SENIOR) BOARDING HOUSE.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: Commercial Single Family Residence Hotel
Permit Number: 040141000002251
Status:
Valuation: $62,000.00
Contractor Company:
Contractor Name: ACI DEVELOPMENT INC

ADJOINING PROPERTY FINDINGS

1028 BEACON AVE

Date:	**11/13/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO = 06041*10M*12370, TO INSTALL 6 EXTERIOR LIGHTS OUTSIDE THE BLDG. IN ADDITION TO = UPGRADE SERVICE TO 200AMP.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	060417000112370
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FARIAS ENRIQUE JIMENEZ

Date:	**9/18/2006**
Permit Type:	
Description:	**Plan Check ADD 4' X 5' COVERED PORCH PER CITY OF L.A. STANDARD**
Permit Description:	**Bldg-Addition**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	060141000007417
Status:	
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **5/23/2006**
Permit Type:
Description: **No Plan Check UPGRADE SERVICE TO 200AMP.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000012370
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FARIAS ENRIQUE JIMENEZ

Date: **5/12/2006**
Permit Type:
Description: **No Plan Check PERMIT TO CORRECT ADDRESS ON PERMIT# LA 85589-54 ISSUED ON 10/7/58 FROM 1028 S. BEACON AVE. TO 1028 - 1028 1/2 S. BEACON AVE. (DUPLEX)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Duplex
Permit Number: 060161000009070
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**3/6/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENAL PERMIT FOR NEW FIRE ALARAM AND EXTRA TRIP PER CORRECTION NOTICE U50748/SABEL.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	040417000323035
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FARIAS ENRIQUE JIMENEZ

Date:	**3/2/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO = 04041*10M(10001)*23035, TO UPDATE THE CONTRACTOR'S INFO. FROM = ACI DEVELOPMENT INC. TO = FARIAS ENRIQUE JIMENEZ. ALSO, FOR 4 EXTRA TRIP FEES, AS PER CORRECTION NOTICE = U-41171, DATED 01*12*06. TO COMPLETE = ELECTRICAL WORK FOR ADDING A HALLWAY - ADD LIGHT, SMOKE DETECTOR, OUTLETS AND SWITCH. ADD 61 SF TO (E) SFD PER LA STD TYPE V SHEET. REMODEL ENTIRE SFD. CHANGE OF**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040417000223035
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FARIAS ENRIQUE JIMENEZ

ADJOINING PROPERTY FINDINGS

Date:	**1/11/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT # 04041-10000-23035 TO ADD (5) CIRCUITS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040411000123035
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**8/9/2005**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT #05042-10000-13272 TO PAY FOR (1) EXTRA TRIP.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050421000313272
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DUN-RITE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**7/6/2005**
Permit Type:	
Description:	**No Plan Check INSTALL NEW WALL HEATER. REF PERMIT # 05042-10000-13272 FOR 2ND TRADE.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050441000006615
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DUN-RITE CONSTRUCTION

Date:	**6/22/2005**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO # 05042-10000-13272 PER INSPECTOR. PROPER INSTALLATION OF (2) WATER HEATERS.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050421000113272
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DUN-RITE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**5/26/2005**
Permit Type:	
Description:	**No Plan Check REMODEL (2) BATHROOMS - REPLACE FIXTURES & REPIPE SAME FIXTURES.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050421000013272
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DUN-RITE CONSTRUCTION

Date:	**11/3/2004**
Permit Type:	
Description:	**No Plan Check ELECTRICAL WORK FOR ADDING A HALLWAY - ADD LIGHT, SMOKE DETECTOR, OUTLETS AND SWITCH. ADD 61 SF TO (E) SFD PER LA STD TYPE V SHEET. REMODEL ENTIRE SFD. CHANGE OF USE FROM SFD TO (SENIOR) BOARDING HOUSE.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040411000023035
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1030 BEACON AVE

Date:	**6/2/2006**
Permit Type:	
Description:	**No Plan Check install a 40 gal water heater**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	060429000012468
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	EMPRESAS ZALAPA INC

1033 BEACON AVE

Date:	**5/9/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	180429000011263
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ESCROW RETROFITTING

ADJOINING PROPERTY FINDINGS

Date: **12/12/2017**
Permit Type:
Description: **Plan Check SOFT STORY RETROFIT AS PER LAMC DIV 93.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 170161000025340
Status:
Valuation: $60,000.00
Contractor Company:
Contractor Name: CALIFORNIA DREAM HOMES BUILDERS INC, BUILD 4 YOU INC

Date: **6/20/2006**
Permit Type:
Description: **No Plan Check INSTALL CONTROLLER REPLACEMENT (STATE LICENSE NO. 35246) (CC-04-12804 - 8-27-06)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Apartment
Permit Number: 060462000000687
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACTION ELEVATOR INC

Date: **9/26/2003**
Permit Type:
Description: **No Plan Check CHANGE OUT WALL HEATERS. (APT. #311, 304, 101, 111 & 104).**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 030441000009463
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HERNDON K R RANDY PLBG HTG & AIR CONDITION

ADJOINING PROPERTY FINDINGS

Date: **9/5/2003**
Permit Type:
Description: **No Plan Check CHANGE OUT 50,000 WALL HEATER. (APTS. #107, 110, 203, 206, 308, 302, 207, 208, 210, 204, 312, 306, 212, 103, 112, 310, 307, 301 & 303.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 030441000008623
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date: **11/30/1999**
Permit Type:
Description: **No Plan Check installation of exist signs with battery back-up on existing circuits per order to comply EL-21156**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990413000023515
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VOLGER ELECTRICAL SERVICES

Date: **6/12/1998**
Permit Type:
Description: **No Plan Check ADD GFI FOR POOL LIGHT**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980412000011593
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GRANT BARRY NICHLOS

ADJOINING PROPERTY FINDINGS

1034 BEACON AVE

Date:	**2/1/2005**
Permit Type:	
Description:	**No Plan Check INSTALL DEDICATED POWER LINE FOR GFI OUTLET AND ADD OUTLET IN KITCHEN.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	050412000002247
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	POWER ELECTRICAL

Date:	**5/24/2004**
Permit Type:	
Description:	**No Plan Check 400 AMP SERVICE, 5 PANELBOARDS, ADD 5 RECEPTACLES ON EXISTING CIRCUITS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040413000012756
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GREKOV GEORGIY

ADJOINING PROPERTY FINDINGS

1051 BEACON AVE

Date:	**9/23/2015**
Permit Type:	
Description:	**No Plan Check (19) Windows change-out (same size & ty**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Single Family Residence
Permit Number:	140161000012223
Status:	
Valuation:	$3,800.00
Contractor Company:	
Contractor Name:	JASSOS CONSTRUCTION INC

Date:	**11/3/2014**
Permit Type:	
Description:	**No Plan Check 200 AMP SERVICE UPGRADE, CIRCUITS, LIGH S, SWITCHES, OUTLETS**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	140412000030326
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	COBRA ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **9/23/2014**
Permit Type:
Description: **No Plan Check Kitchen/bathroom remodel for residentia buildings (no structural changes). Replace drywall. (no new walls added) for residential buildings only.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 140161000019227
Status:
Valuation: $3,000.00
Contractor Company:
Contractor Name:

Date: **6/10/2014**
Permit Type:
Description: **No Plan Check DRAIN REPIPE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 140422000010523
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: REPIPE 1

Date: **5/30/2014**
Permit Type:
Description: **No Plan Check INSTALL SMOKE DETECTORS (7) , J-BOX ( ) , OUTLET (1)**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 140412000014265
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GIL'S ELECTRICAL SERVICE INC

ADJOINING PROPERTY FINDINGS

927 BEACON AVE

Date:	**4/25/2006**
Permit Type:	
Description:	**No Plan Check CHANGE OUT HEATERS FOR UNITS #1, #2, #4, #6, #8, #9, #13, #14, AND #15.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Apartment
Permit Number:	060441000004132
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date:	**11/30/1999**
Permit Type:	
Description:	**No Plan Check INSTALLATION OF EXIT SIGNS IN BATTERY BACK UP ON EXISTING CIRCUITS PER OTC EL-21118**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	990411000023563
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VOLGER ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

935 BEACON AVE

Date:	**4/25/2006**
Permit Type:	
Description:	**No Plan Check CHANGE OUT HEATERS FOR UNITS #1-8, #10, #11, #13, AND #14.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Apartment
Permit Number:	060441000004130
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date:	**11/30/1999**
Permit Type:	
Description:	**No Plan Check INSTALLATION OF EXIT SIGNS IN BATTERY BACK UP ON EXISTING CIRCUITS PER OTC EL-21121**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	990411000023565
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VOLGER ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

945 BEACON AVE

Date:	**7/30/2013**
Permit Type:	
Description:	**Plan Check New 30.38 kw Photovoltaic system with 10 5 modules and 4 inverters. Commercial rooftop mounted. disconnect short circuit rating shall match 22k for all switches. solar subpanel rating is approved at 400A. permit includes main service and panel upgrade to 400A.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	130412000016872
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ALL VALLEY SOLAR INC

Date:	**2/17/2012**
Permit Type:	
Description:	**Plan Check Verification of sizing of existing low p ressure gas system, and addition of seismic valve.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	110421000019959
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ROTH E Z PLUMBING INC

ADJOINING PROPERTY FINDINGS

Date: **10/4/2011**
Permit Type:
Description: **No Plan Check install earthquake gas shut off valve**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 110429000017633
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ROTH E Z PLUMBING INC

Date: **10/31/2001**
Permit Type:
Description: **Plan Check ADDING 2 SPRINKLERS OVER TRASH AREA IN A DOROTHY MAE BUILDING**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 010431000002844
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MARX BROTHERS FIRE EXTINGUISHERS COMPANY

ADJOINING PROPERTY FINDINGS

957 BEACON AVE

Date:	**12/11/2007**
Permit Type:	
Description:	**No Plan Check 100AMP PANEL FOR AT&T FIBER NODE. RELEASE TO LADWP AS: 1721 W. OLYMPIC BLVD. TEL. 1 (6003213)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	070411000029711
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RASIC W A CONSTRUCTION COMPANY INC

Date:	**5/17/2004**
Permit Type:	
Description:	**No Plan Check E.Q. VALVE.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	040421000014379
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SHIN YOUNG PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **3/24/2003**
Permit Type:
Description: **No Plan Check PANEL UPGRADE**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 030411000006212
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHAMPION ELECTRIC

Date: **3/12/2003**
Permit Type:
Description: **No Plan Check CHANGE OUT (2) DOORS, SAME SIZE AND TYPE. REPAIR DRYWALL. REPAIR DRY-ROT/ WATER DAMAGED EXISTING STAIR, DAMAGE IS LESS THAN 10%.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 030161000003554
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: HAN YONG SHIK

ADJOINING PROPERTY FINDINGS

BEACON AVE # 9-18

931 BEACON AVE # 9-18

Date:	**4/25/2006**
Permit Type:	
Description:	**No Plan Check CHANGE OUT HEATERS FOR UNITS #1, #3, #4, #6, #7, #10-14, AND #18.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Apartment
Permit Number:	060441000004131
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date:	**5/13/2004**
Permit Type:	
Description:	**No Plan Check INSTALL SMOKE DETECTORS IN UNITS 9-18. CEQA CATEGORICAL EXEMPTION CLASS 31 HISTORIC RESOURCE REHAB/RESTORATION.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040412000011666
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BRIAN ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**11/30/1999**
Permit Type:	
Description:	**No Plan Check INSTALLATION OF EXIT SIGNS IN BATTERY BACK UP ON EXISTING CIRCUITS PER OTC EL-21120**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	990411000023564
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VOLGER ELECTRICAL SERVICES

BEACON AVE APT 4

941 BEACON AVE APT 4

Date:	**5/23/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	170421000011693
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	1 TIME PLUMBING & ROOTER INC

ADJOINING PROPERTY FINDINGS

Date: **8/28/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 150412000028463
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: COBRA ELECTRIC

Date: **7/21/2015**
Permit Type:
Description: **No Plan Check Installation of security bars for dwell ngs/apartments. Quick release required in bedrooms per California Building Code Part 12, Chapter 12-3.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 150161000015227
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

JAMES M WOOD BLVD

1701 JAMES M WOOD BLVD

Date:	**4/7/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170421000007473
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RODRIGUEZ K R INC

Date:	**2/19/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170419000005398
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	NEW WAVE TELECT

ADJOINING PROPERTY FINDINGS

Date:	**10/3/2001**
Permit Type:	
Description:	**Plan Check 1-3'8"x13'8" illuminated wall sign 20' high. 1-1'10"x17'8" non illum letters; 1-10"x6'8" non illum letters. 1-1'x2'6" non illuminated address numerals 1-1'10"x4' non illum letters; 1-1'x7' non illum letters**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	010484000001565
Status:	
Valuation:	$3,600.00
Contractor Company:	
Contractor Name:	SIGNAGE SOLUTIONS CORPORATION

1740 JAMES M WOOD BLVD

Date:	**11/6/2008**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weighing less than 6 pound per sq. ft. "Cool Roof" may be required per Title 24, Part 6, Section 149(b), labeled and certified by CRRC per Section 10-111.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Retail
Permit Number:	080161000018862
Status:	
Valuation:	$9,200.00
Contractor Company:	
Contractor Name:	SUNNY ROOFING

ADJOINING PROPERTY FINDINGS

S BEACON AVE

900 S BEACON AVE

Date:	**10/20/2015**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	150411000034936
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ALCO CONSTRUCTION & ELECTRICAL SERVICES INC

905 S BEACON AVE

Date:	**1/9/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	180411000000891
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JASSOS CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **1/9/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 180421000000567
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JASSOS CONSTRUCTION INC

Date: **11/4/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000134936
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ALCO CONSTRUCTION & ELECTRICAL SERVICES INC

ADJOINING PROPERTY FINDINGS

918 S BEACON AVE

Date:	**8/29/2007**
Permit Type:	
Description:	**No Plan Check HOOKUP PORTABLE GENERATOR FOR TEMP. POWER. CONTACT JOHN LUCAS (562) 628-2396.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	070411000021149
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	D S J ELECTRIC

S BONNIE BRAE ST

946 S BONNIE BRAE ST

Date:	**5/29/2019**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	190411000020329
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MARTVILLA CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **5/29/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 190421000012546
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MARTVILLA CONSTRUCTION INC

Date: **4/16/2019**
Permit Type:
Description: **Plan Check REPAIR PORTIONS OF WALLS AND FLOORS ON**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Hotel
Permit Number: 180161000022768
Status:
Valuation: $155,000.00
Contractor Company:
Contractor Name:

Date: **5/31/2018**
Permit Type:
Description: **Plan Check Early start interior non-structural dem**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Hotel
Permit Number: 180161000016808
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: HAR-BRO INC, HAR - BRO WEST INC

ADJOINING PROPERTY FINDINGS

Date: **4/21/2004**
Permit Type:
Description: **No Plan Check INSTALLATION OF NEW CONTROLLER AND PUMP UNIT FOR ELEV.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 040461000000392
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALIFORNIA STATE ELEVATOR COMPANY

Date: **2/9/2004**
Permit Type:
Description: **No Plan Check INSTALL (1) EXTERIOR LIGHT FIXTURE USING EXISTING CIRCUIT. (2 OF 2 W/ PERMIT #04042-10000-03705)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000003136
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T B S BUILDING SERVICES INC

Date: **2/9/2004**
Permit Type:
Description: **No Plan Check INSTALL EQ. VALVE IN THE BLDG. (1 OF 2 W/ PERMIT #04041-10000-03136)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040421000003705
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T B S BUILDING SERVICES INC

ADJOINING PROPERTY FINDINGS

960 S BONNIE BRAE ST

Date:	**4/7/1999**
Permit Type:	
Description:	**No Plan Check REPLACE FEED LINE**
Permit Description:	**Elevator**
Work Class:	
Proposed Use:	Commercial
Permit Number:	990461000000304
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TARGET ELEVATOR

Date:	**9/30/1998**
Permit Type:	
Description:	**No Plan Check TEAR OFF (E) COVER WITH G.S. CLASS "A" BUILT UP HOT MOP**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Hotel
Permit Number:	980161000020686
Status:	
Valuation:	$9,200.00
Contractor Company:	
Contractor Name:	C & A ROOFING CONST CO

ADJOINING PROPERTY FINDINGS

S BURLINGTON AVE

1023 S BURLINGTON AVE

Date:	**3/15/2010**
Permit Type:	
Description:	**Plan Check REMOVE 20' X 30' GARAGE ATTACHED TO EXISTING 3-UNIT (2-STORY) APARTMENT (REPLACE WITH 3 OPEN PARKING STALLS @ SAME LOCATION)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	100161000004137
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	DIAZ MARIO

1025 S BURLINGTON AVE

Date:	**5/26/2004**
Permit Type:	
Description:	**No Plan Check INSTALL SMOKE DETECTOR.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040411000013030
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	I R M ELECTRIC

ADJOINING PROPERTY FINDINGS

1027 S BURLINGTON AVE

Date:	**5/17/2007**
Permit Type:	
Description:	**No Plan Check Earthquake Valve**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	070429000010987
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CONTRACTOR CONNECTION THE

1030 S BURLINGTON AVE

Date:	**6/18/2004**
Permit Type:	
Description:	**Plan Check install new window in (e) door opening. (30" x 30") comply with housing order to comply dated April 15,2004.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	040163000011670
Status:	
Valuation:	$301.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **8/11/2003**
Permit Type:
Description: **No Plan Check INSTALL 3 EQ GAS SHUTOFF VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030423000122176
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: R E C

Date: **7/16/2003**
Permit Type:
Description: **No Plan Check supplemental permit to change contractor of record.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 030163000111393
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GRACIAS GENERAL CONTRACTORS CO

Date: **7/16/2003**
Permit Type:
Description: **No Plan Check repipe hot water and replace fixtures. replace water heaters and vents.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030423000022448
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GRACIAS GENERAL CONTRACTORS CO

ADJOINING PROPERTY FINDINGS

Date: **7/14/2003**
Permit Type:
Description: **No Plan Check install 3 new gas meters**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030423000022176
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: R E C

Date: **6/19/2003**
Permit Type:
Description: **No Plan Check INSTALL NEW 6 GANG METER, 6 SUB PANELS, NEW BRANCH CIRCUITS AND SMOKE DETECTORS FOR UNITS 1030, 1030A, 1030B, 1030 1/4, 1030 1/2**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 030413000013466
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXPRESS ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **6/13/2003**
Permit Type:
Description: **No Plan Check RESIDENTIAL KITCHEN AND BATHROOM REMODEL - REPAIR/REPLACE ONLY. NO CHANGES IN WALLS OR OPENINGS.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 030163000011393
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name:

Date: **10/2/1998**
Permit Type:
Description: **No Plan Check 4 SMOKE DETECTORS PERMIT TO EXPIRE 30 DAYS FROM DATE ISSUED**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 980411000022117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GAMEZ ELECTRIC

Date: **9/11/1998**
Permit Type:
Description: **No Plan Check meter reconnect**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 980411000020119
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**6/22/1998**
Permit Type:	
Description:	**No Plan Check General Rehab to Comply with Abate Order Issued 6/15/98 for a 30-Day Permit.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	980167000012208
Status:	
Valuation:	$600.00
Contractor Company:	
Contractor Name:	

1032 S BURLINGTON AVE

Date:	**9/2/2003**
Permit Type:	
Description:	**No Plan Check Replace kitchen & bath cabinets/counters; miscellaneous drywall repair.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	030167000017448
Status:	
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **9/2/2003**
Permit Type:
Description: **No Plan Check copper repipe 12 fixtures, replace three water heaters/vents, & replace waste/vent for nine fixtures**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030427000027757
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MELERO PLUMBING

Date: **8/11/2003**
Permit Type:
Description: **No Plan Check INSTALL 5 EQ GAS SHUT OFF VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030423000122177
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: R E C

Date: **7/14/2003**
Permit Type:
Description: **No Plan Check install 5 new gas meters**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030423000022177
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: R E C

ADJOINING PROPERTY FINDINGS

Date: **6/19/2003**
Permit Type:
Description: **No Plan Check INSTALL NEW 3 GANG METER, 3 SUB PANELS, NEW BRANCH CIRCUITS AND SMOKE DETECTORS FOR UNITS 1032, 1032 1/4 AND 1032 1/2**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 030413000013463
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXPRESS ELECTRIC

Date: **9/11/1998**
Permit Type:
Description: **No Plan Check meter reconnect**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 980411000020120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/25/1998**
Permit Type:
Description: **No Plan Check Address includes 1032, 1032 1/4 & 1032 1/2 S. Burlington Ave. General Rehab to Comply With Abate Order Issued 6/15/98 for a 30-Day Permit.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 980167000012569
Status:
Valuation: $600.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1033 S BURLINGTON AVE

Date:	**11/23/2004**
Permit Type:	
Description:	**No Plan Check INSTALL GAS EARTHQUAKE VALVES**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040429000033879
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DYNAMIC PLUMBING SYSTEMS

Date:	**7/27/2004**
Permit Type:	
Description:	**No Plan Check T/O (E) ROOF. INSTALL ONE LAYER OF 28# BASE SHEET, ONE LAYER OF AN APP SMOOTH MOD. BITUMEN CAP SHEET & ONE LAYER OF AN APP GRANULATED MODIFIED BITUMEN CAP SHEET(TORCH METHOD) 110SQS**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	040164000014030
Status:	
Valuation:	$22,000.00
Contractor Company:	
Contractor Name:	TOWNSLEY CLAUD

ADJOINING PROPERTY FINDINGS

Date:	**5/28/2004**
Permit Type:	
Description:	**No Plan Check INTERIOR RENOVATIONS-SMOKE DETECTORS & (E) BRANCH CIRCUITS FOR ALL (18) UNITS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040411000009920
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ICON BUILDERS

Date:	**5/12/2004**
Permit Type:	
Description:	**No Plan Check REPLACE EXISTING PLUMBING WITH NEW.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040421000013146
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DYNAMIC PLUMBING SYSTEMS

ADJOINING PROPERTY FINDINGS

Date: **2/25/2004**
Permit Type:
Description: **No Plan Check INTERIOR RENOVATION, INCLUDING NEW FINISHES AND CABINETS. EXTERIOR WORK TO INCLUDE WINDOW REPLACEMENT AND RE-ROOFING WITH BUILT UP ROOFING MATERIALS. ALL WORK NON-STRUCTURAL.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 030161000024898
Status:
Valuation: $303,389.00
Contractor Company:
Contractor Name:

1036 S BURLINGTON AVE

Date: **11/7/2018**
Permit Type:
Description: **Plan Check Interior remodel of (e) 2-story SFD to**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence Single Family Residence
Permit Number: 170161000037749
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**3/9/2010**
Permit Type:	
Description:	**Plan Check CONVERT EXISTING 16 X 25 GARAGE TO RECREATION ROOM. PROVIDE 2 OPEN std PARKING SPACES**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Private Garage Misc. Bldg or Structure
Permit Number:	090161000015532
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	HAN LIM CONSTRUCTION CO

Date:	**9/24/2002**
Permit Type:	
Description:	**No Plan Check COMPLY WITH DEPT ORDER DATED 2/20/01, PERMIT TO EXPIRE 30 -DAYS FROM ISSUANCE DATE. INSTALL SMOKE DETECTORS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	020411000021134
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FEDERAL BUILDING & ROOFING

ADJOINING PROPERTY FINDINGS

1046 S BURLINGTON AVE

Date:	**2/1/2006**
Permit Type:	
Description:	**No Plan Check TEAR-OFF (E) ROOFING MATERIAL AND RE-ROOF THE HOUSE; INSTALLING NEW SHEATHING AND 30 YR. SHINGLES.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Single Family Residence
Permit Number:	060167000001985
Status:	
Valuation:	$6,500.00
Contractor Company:	
Contractor Name:	

1050 S BURLINGTON AVE

Date:	**4/10/2019**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO PERMIT #15016-70**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment Apartment
Permit Number:	150161000215671
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	J L CONSTRUCTION, SOLAR CLEAN SERVICE

ADJOINING PROPERTY FINDINGS

Date: **2/25/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 190411000006690
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

Date: **8/21/2018**
Permit Type:
Description: **Plan Check DEMOLITION OF (E) DETAHCED 2-CAR GARAGE**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Private Garage Misc. Bldg or Structure
Permit Number: 160191000001726
Status:
Valuation: $1,000.00
Contractor Company:
Contractor Name:

Date: **8/6/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 180411000128581
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

ADJOINING PROPERTY FINDINGS

Date: **7/31/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 180411000028581
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

Date: **7/31/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 180421000018167
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

Date: **7/31/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 180441000009179
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

ADJOINING PROPERTY FINDINGS

Date: **7/30/2018**
Permit Type:
Description: **Plan Check CLARIFY EXISTING FLOOR PLAN AND CONVERT**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment Apartment
Permit Number: 150161000115671
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

Date: **12/11/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 170421000102521
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

Date: **12/11/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 170441000101237
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION, SOLAR CLEAN SERVICE

ADJOINING PROPERTY FINDINGS

Date: **2/28/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 170411000204703
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION

Date: **2/27/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 170411000104703
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION

Date: **2/13/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 170411000004703
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **2/13/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 170421000002521
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION

Date: **2/13/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 170441000001237
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J L CONSTRUCTION

Date: **12/14/2016**
Permit Type:
Description: **Plan Check Change the use of from existing 2-story**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Single Family Residence Apartment
Permit Number: 150167000015671
Status:
Valuation: $100,000.00
Contractor Company:
Contractor Name: J L CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **9/30/2016**
Permit Type:
Description: **Plan Check INSTALL NEW FIRE SPRINKLER SYSTEM FOR 4**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Apartment
Permit Number: 160431000004552
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FIRE PROTECTION AND LIFE SAFETY INC

912 S BURLINGTON AVE

Date: **10/25/2010**
Permit Type:
Description: **Plan Check NEW TWO OPEN PARKING SPACES(ONE STANDARD , ONE COMPACT) AT REAR OF PROPERTY. *SEE COMMENT ***

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 100201000002356
Status:
Valuation: $501.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**9/17/2009**
Permit Type:	
Description:	**No Plan Check power upgrade from 100A to 200A**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	090419000017594
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	KO SANG CHUL

918 S BURLINGTON AVE

Date:	**12/7/2010**
Permit Type:	
Description:	**Plan Check USE OF LAND PERMIT TO PROVIDE OPEN COMPACT PARKING STALL LOCATED ON THE SOUTHWEST SIDE YARD.**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	100201000002541
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **9/7/1999**
Permit Type:
Description: **No Plan Check SERVICE UPGRADE. (4-PLEX).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000017135
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ROLAND'S ELECTRIC CO

922 S BURLINGTON AVE

Date: **6/14/2004**
Permit Type:
Description: **No Plan Check REPAIR DAMAGE ON 1 HOUR FIRE SEPARATION WALL BETWEEN A WATER HEATER AND THE REST OF BUILDING: DRYWALL & PATCH HOLES AROUND PIPES.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Apartment
Permit Number: 040161000011312
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: GARDEN HOMES

ADJOINING PROPERTY FINDINGS

Date: **6/14/2004**
Permit Type:
Description: **No Plan Check INSTALL CONDUITS TO REPLACE EXPOSED WIRE. 1 OF 2 (04042-10000-1283).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000014663
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GARDEN HOMES

Date: **6/14/2004**
Permit Type:
Description: **No Plan Check REPAIR VENT ON WATER HEATER. 1 OF 2 (04041-10000-14663)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040421000017283
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GARDEN HOMES

Date: **6/25/2002**
Permit Type:
Description: **No Plan Check Installation of earthquake gas shut-off valve.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 020429000017794
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SEISMIC SERVICES SPECIALISTS

ADJOINING PROPERTY FINDINGS

936 S BURLINGTON AVE

Date:	**11/4/2015**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	150422000022127
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	G N E PROPERTY MANAGMENT INC

Date:	**5/19/2004**
Permit Type:	
Description:	**No Plan Check REPLACE AND RELOCATE SMOKE DETECTOR IN APT #305.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040411000012260
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	D D D ELECTRICAL & ALARM

ADJOINING PROPERTY FINDINGS

942 S BURLINGTON AVE

Date:	**1/13/2011**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weighing less than 6 pound per sq. ft.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	110161000000695
Status:	
Valuation:	$11,000.00
Contractor Company:	
Contractor Name:	A A ROOFING AND WATERPROOF INC

946 S BURLINGTON AVE

Date:	**6/17/2010**
Permit Type:	
Description:	**No Plan Check RE-STUCCO / SANDBLAST ENTIRE BUILDING.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	100164000010848
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	CUTLER SANDBLASTING & STUCCO A

ADJOINING PROPERTY FINDINGS

S BURLINGTON AVE # 4-8

1017 S BURLINGTON AVE # 4-8

Date:	**12/31/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	180441000015621
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MATAR G PLUMBING INC

Date:	**9/5/2006**
Permit Type:	
Description:	**No Plan Check REPLACE WALL HEATERS IN UNITS 4-8 AND REPLACE VENT IN # 3 ONLY. "CEQA CATEGORICAL EXEMPTION CLASS 31 HISTORIC RESOURCE REHAB/RESTORATION."**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Apartment
Permit Number:	060442000009424
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PRAJAPATI BABU P

ADJOINING PROPERTY FINDINGS

Date:	**8/8/2005**
Permit Type:	
Description:	**No Plan Check REMOVE (E) ROOFING MATERIAL & INSTALL 30YEARS SHINGLES & PLYWOOD AS NEEDED.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	050161000015084
Status:	
Valuation:	$11,000.00
Contractor Company:	
Contractor Name:	ACETEK ROOFING COMPANY

Date:	**7/3/2002**
Permit Type:	
Description:	**No Plan Check UPGRADE SERVICE PANEL TO 200 AMPS, INSTALL SUB PANEL, AND INSTALL 13 SMOKE DETECTORS**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	020412000014462
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TITO JACOB

ADJOINING PROPERTY FINDINGS

S UNION AVE

1021 S UNION AVE

Date:	**2/24/2012**
Permit Type:	
Description:	**Plan Check CHANGE OF USE FROM OFFICE TO SINGLE FAMI LY DWELLING; NO CONSTRUCTION; NO CHANGE OF PARKING. REMOVE KITCHEN ON SECOND FLOOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Single Family Residence Office
Permit Number:	110161000024869
Status:	
Valuation:	$600.00
Contractor Company:	
Contractor Name:	

1030 S UNION AVE

Date:	**7/15/2009**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT # 09041-40000-09020 FOR ADDITIONAL ITEMS & TO CORRECT ADDRESS FROM 1030-1034 1/2 S. UNION AVE TO 1030-1032 1/2 S. UNION AVE**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	090414000209020
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JOE ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **7/2/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT # 09041-40000-09020 FOR ADDITIONAL ITEMS**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 090414000109020
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JOE ELECTRIC

Date: **5/15/2009**
Permit Type:
Description: **No Plan Check MOVE MAIN ELECTRICAL METER**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 090414000009020
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JOE ELECTRIC

Date: **6/13/2007**
Permit Type:
Description: **No Plan Check UPGRADE ELECTRICAL SERVICE METER AND SUBPANELS FOR 5-UNIT APT BLDG AND HOUSE METER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 070417000014295
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRO - TEAM CONTRACTOR

ADJOINING PROPERTY FINDINGS

Date: **6/13/2007**
Permit Type:
Description: **No Plan Check INSTALL (1) HOSE BIBB FOR BLDG**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 070427000012945
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRO - TEAM CONTRACTOR

Date: **10/29/2002**
Permit Type:
Description: **No Plan Check [SEE APPLICATION as per contractor's insistance] 3 -WATER HEATER TPR VALVES, 2 -KITCHEN VENTS DRAIN VENTS**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 020427000033372
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BOB'S SEWER & MAINTENANCE INCORPORATED

Date: **6/28/2002**
Permit Type:
Description: **No Plan Check INSTALL SMOKE DETECTORS. (5) UNITS & REPLACE (10) RECEPTACLES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 020417000014021
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MOLINA LUIS FELIPE

ADJOINING PROPERTY FINDINGS

Date:	**6/26/2002**
Permit Type:	
Description:	**No Plan Check REPAIR (DRY-ROT, WATER, TERMITE, ETC) DAMAGED STAIR BY REPLACING SAME SIZE MEMBERS (LESS THAN 10% DAMAGE), AND DRYWALL REPAIR. VALUATION TO BE VERIFIED BY THE FIELD INSPECTOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	020162000011724
Status:	
Valuation:	$8,500.00
Contractor Company:	
Contractor Name:	AGBALAYA ADE

Date:	**11/17/1998**
Permit Type:	
Description:	**Plan Check Interior remodel converting 5-Units into 4-Units. Remove the kitchen in the rear unit on the ground floor creating laundry and storage. Add interior parition in the middle of the said unit converting the remaining space to rec room. No change to footprint.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	980167000024806
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1036 S UNION AVE

C.O. Issued Date: **9/30/2016**
Date: **9/15/2016**
Permit Type:
Description: **No Plan Check Complete work done under previously exp**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 160161000021874
Status:
Valuation: $501.00
Contractor Company:
Contractor Name:

Date: **6/7/2006**
Permit Type:
Description: **No Plan Check RELOCATE WATER HEATER AND INSTALL CLOTHES WASHER.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 060421000012792
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ROYAL S N PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**10/16/2003**
Permit Type:	
Description:	**No Plan Check INSTALL WALL HEATERS & VENTS. COMPLY WITH DEPARTMENT ORDER DATED 8/29/2003. 30-DAY PERMIT FROM ISSURANCE DATE.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	030441000010153
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INDIAN KOREAN PLUMBING

Date:	**10/15/2003**
Permit Type:	
Description:	**No Plan Check INSTALL (2) GAS OUTLETS. COMPLY WITH DEPARTMENT ORDER DATED 8/29/2003. 30-DAY PERMIT FROM ISSURANCE DATE.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	030421000032576
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INDIAN KOREAN PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **9/3/2003**
Permit Type:
Description: **No Plan Check REPLACE DRYWALL IN UNITS #1036, #1036 1/2, #1038, AND #1038 1/2. TO COMPLY W/ DEPARTMENT ORDER DATED 08-29-2003. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 030161000017529
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name:

Date: **12/20/2002**
Permit Type:
Description: **No Plan Check REPLACE IN THE 4-UNIT APT. BLDG. (3) GAS HEATERS.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 020441000011149
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: H Y CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **10/30/2002**
Permit Type:
Description: **No Plan Check REPLACE ELECTRICAL FIXTURES IN THE 4-UNIT APT. BLDG. & REPLACE SMOKE DETECTORS W/BATTERY BACK-UP UNITS. (2 OF 2 PERMITS: 02042*10000*33521)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 020411000024154
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: H Y CONSTRUCTION

Date: **10/30/2002**
Permit Type:
Description: **No Plan Check REPLACE PLUMBING FIXTURES IN THE 4-UNIT APT. BLDG. & E.Q VALVES IN THE 4 UNITS & THE LAUNDRY ROOM. (1 OF 2 PERMITS: 02041*10000*24154)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 020421000033521
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: H Y CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**7/23/2002**
Permit Type:	
Description:	**Plan Check CONVERT FIVE(5) GUEST ROOMS INTO DWELLING UNIT ON 2ND FLOOR FOR TOTAL OF THREE(3) DWELLING UNITS IN THE BUILDING & CHANGE USE OF BLDG TO APARTMENT.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment Apartment
Permit Number:	020161000012488
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	

Date:	**7/23/2002**
Permit Type:	
Description:	**No Plan Check ELECTRIC METER; PERMIT 1 OF 2; REFERENCE 02042-10000-20843**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	020411000015992
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	H Y CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **7/23/2002**
Permit Type:
Description: **No Plan Check GAS METER WORK; PERMIT 2 OF 2; REFERENCE 02041-10000-15992**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 020421000020843
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: H Y CONSTRUCTION

Date: **5/17/1999**
Permit Type:
Description: **No Plan Check OPEN A DOOR 36"AND A WINDOW REMOVAL 4'X4'**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 990161000008842
Status:
Valuation: $300.00
Contractor Company:
Contractor Name:

Date: **5/17/1999**
Permit Type:
Description: **No Plan Check SERVICE UPGRADE**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000009238
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BAQUEIRO RODOLFO AGUSTIN

ADJOINING PROPERTY FINDINGS

Date: **5/17/1999**
Permit Type:
Description: **No Plan Check WATER HEATER**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 990421000006499
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BAQUEIRO RODOLFO AGUSTIN

Date: **12/10/1998**
Permit Type:
Description: **Plan Check REPLACE front WINDOW-WITH A 42" DOOR . remove interior (E) DOOR between living room and entry. Change (e) front door to window.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 980161000026547
Status:
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **8/13/1997**
Permit Type:
Description: **No Plan Check REROOF, COMP SHINGLES CLASS "B" MIN 21 SQS.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 970161000018235
Status:
Valuation: $2,900.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1038 S UNION AVE

Date:	**10/16/2003**
Permit Type:	
Description:	**No Plan Check INSTALL WALL HEATERS & VENTS. COMPLY WITH DEPARTMENT ORDER DATED 8/29/2003. 30-DAY PERMIT FROM ISSURANCE DATE.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	030441000010154
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INDIAN KOREAN PLUMBING

Date:	**10/15/2003**
Permit Type:	
Description:	**No Plan Check INSTALL (2) GAS OUTLETS. COMPLY WITH DEPARTMENT ORDER DATED 8/29/2003. 30-DAY PERMIT FROM ISSURANCE DATE.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	030421000032578
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INDIAN KOREAN PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **6/19/1998**
Permit Type:
Description: **No Plan Check INSTALL NEW 100AMP SERVICE**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 980412000012220
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SOSA ELECTRIC

1040 S UNION AVE

Date: **3/2/2016**
Permit Type:
Description: **No Plan Check Window (37) change-out (same size & typ**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 160162000004534
Status:
Valuation: $26,500.00
Contractor Company:
Contractor Name: KRUPER B H RENOVATION

ADJOINING PROPERTY FINDINGS

Date:	**9/11/2008**
Permit Type:	
Description:	**No Plan Check REPLACE GLASS FOR WINDOWS. Replace drywall. (no new walls added). Replace countertop. (1040 1/2 & 1042 1/2 included). *WORK DESCRIPTION OK'D BY BLAKE KENDERSON (HPOZ)***
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	080161000012672
Status:	
Valuation:	$1,300.00
Contractor Company:	
Contractor Name:	INIGUEZ MIKE

Date:	**7/29/2008**
Permit Type:	
Description:	**No Plan Check REPLACE SMOKE DETECTORS & FAULTY RECEPTACLES. (1040 1/2 & 1042 1/2 INCLUDED). 2 OF 2 (08042-10000-14324).**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	080411000017081
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INIGUEZ MIKE

ADJOINING PROPERTY FINDINGS

Date:	**7/29/2008**
Permit Type:	
Description:	**No Plan Check REMOVE/REPLACE PLUMBING FIXTURES & DRAINS 1 OF 2 (08041 -10000-17081).**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	080421000014324
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	INIGUEZ MIKE

Date:	**5/2/2003**
Permit Type:	
Description:	**No Plan Check REROOFING OVER LAY - 30 YRS ASPHALT SHINGLES - ONLY SINGLE ROOF AREA**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	030161000008370
Status:	
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	KIM KWANG HEE DBA RAINBOW CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**3/12/2003**
Permit Type:	
Description:	**No Plan Check 1. WALLS/CEILING- REPAIR DAMAGED OR DETERIORATED PLASTER/DRYWALL AND MAINTAIN WALLS/CEILINGS IN A SMOOTH+SANITARY CONDITION; 2. WINDOWS/DOORS/CABINETS - REPAIR OR REPLACE DEFECTIVE, DAMAGED OR INOPERATIVE WINDOWS OR DOORS W/SAME SIZE**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	030161000004363
Status:	
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	

1045 S UNION AVE

Date:	**11/2/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	170421000027172
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JOSEPH CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **7/5/2017**
Permit Type:
Description: **Plan Check Interior & exterior remodel of (e) tw**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Single Family Residence
Permit Number: 170161000011282
Status:
Valuation: $25,000.00
Contractor Company:
Contractor Name:

Date: **6/28/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 160411000022622
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: E-WON ELECTRIC CO

ADJOINING PROPERTY FINDINGS

Date:	**4/2/2015**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weig ing less than 6 pounds per sq. ft. For residential roof replacement > 50% of the total roof area, apply Cool Roof Product labeled and certified by Cool Roofing Council (CCRC). Cool Roof may be required for non-residential buildings per Title 24, Part 6, Section 149(b).**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Single Family Residence
Permit Number:	150162000006793
Status:	
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	SAMSON GENERAL CONST

Date:	**3/31/2015**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	150411000009322
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	2 & 3 ELECTRIC

ADJOINING PROPERTY FINDINGS

923 S UNION AVE

Date:	**3/21/2008**
Permit Type:	
Description:	**Plan Check USE OF LAND FOR USED CAR SALES, SUPPLIEMENTAL TO 07010-10000-03935. "COMPLY WITH DEPARTMENT ORDER effective date 02/13/2008. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE".**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080201000000777
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/14/2008**
Permit Type:	
Description:	**Plan Check MODULAR OFFICE BLDG (12'x48') FOR USED CAR SALES , STATE APPROVED BLDG.**
Permit Description:	**Bldg-New**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	070101000003935
Status:	
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

S UNION AVE # 1-31

1029 S UNION AVE # 1-31

Date:	**6/17/2019**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	190411000023004
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VERTEX CONSTRUCTION

Date:	**6/17/2019**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	190421000014239
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	VERTEX CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **5/24/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 190411000019813
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VERTEX CONSTRUCTION

Date: **5/24/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 190421000012279
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VERTEX CONSTRUCTION

Date: **5/9/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 190419000017505
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VERTEX CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **5/9/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 190429000010889
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VERTEX CONSTRUCTION

Date: **4/18/2019**
Permit Type:
Description: **Plan Check REMODEL TO (E) APARTMENT TO RELOCATE KI**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 190162000011328
Status:
Valuation: $52,000.00
Contractor Company:
Contractor Name: VERTEX CONSTRUCTION

Date: **3/1/2019**
Permit Type:
Description: **Plan Check RELOCATE KITCHEN OF UNIT # 17 & 29**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 190162000005759
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: VERTEX CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **1/30/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 160441000100156
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JEFFERS RESOURCE GROUP INC

Date: **3/23/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 160411000010196
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PACIFIC ELECTRIC WORKER-OWNED CO.

Date: **3/18/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 160411000009631
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PACIFIC ELECTRIC WORKER-OWNED CO.

ADJOINING PROPERTY FINDINGS

Date: **3/7/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 160429000004611
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXPRESS REMODELING AND PLUMBING

Date: **2/23/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 160429000003610
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXPRESS REMODELING AND PLUMBING

Date: **2/16/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 160429000003110
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXPRESS REMODELING AND PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **1/27/2016**
Permit Type:
Description: **No Plan Check (101)Windows change-out (same size & ty**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 160161000000212
Status:
Valuation: $45,000.00
Contractor Company:
Contractor Name: JEFFERS RESOURCE GROUP INC

Date: **1/6/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 160411000000436
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JEFFERS RESOURCE GROUP INC

Date: **1/6/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 160421000000247
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JEFFERS RESOURCE GROUP INC

ADJOINING PROPERTY FINDINGS

Date:	**1/6/2016**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Apartment
Permit Number:	160441000000156
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JEFFERS RESOURCE GROUP INC

Date:	**8/8/2000**
Permit Type:	
Description:	**Plan Check BACKFILL TO REMOVE SWIMMING POOL. POOL SHELL TO REMAIN PER MOD #8096. AREA TO BE USED FOR LANDSCAPING ONLY. 100 C. Y. MAX.**
Permit Description:	**Grading**
Work Class:	
Proposed Use:	Apartment Grading Non-Hill
Permit Number:	000301000001759
Status:	
Valuation:	$100.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

W 11TH ST

1547 W 11TH ST

Date:	**5/2/2003**
Permit Type:	
Description:	**No Plan Check REROOF WITH OSB PLYWOOD & ASPHALT SHINGLES.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	030161000008400
Status:	
Valuation:	$5,200.00
Contractor Company:	
Contractor Name:	KIM KWANG HEE DBA RAINBOW CONSTRUCTION

1553 W 11TH ST

Date:	**7/31/2008**
Permit Type:	
Description:	**No Plan Check AUTOMATIC E/Q GAS SHUT OFF VALVE**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	080429000014538
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	COMPLIANCE ALLIANCE RETROFITTING INC

ADJOINING PROPERTY FINDINGS

Date:	**5/2/2003**
Permit Type:	
Description:	**No Plan Check REROOF WITH ASPHALT SHINGLES.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	030161000008398
Status:	
Valuation:	$4,200.00
Contractor Company:	
Contractor Name:	KIM KWANG HEE DBA RAINBOW CONSTRUCTION

1615 W 11TH ST

Date:	**5/18/2004**
Permit Type:	
Description:	**No Plan Check SUPP. PERMIT TO PERMIT # 04041-90000-11562 TO CHANGE ADDRESS FROM 1615 W. 11TH ST. TO 1615-1617 W. 11TH ST. ON 05/18/2004 BY CELESTE MORRIS. FEES PAID ON ACF. PERMIT TO ALSO ADD TWO NEW SUBPANELS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	040413000111562
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ELECTRON ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **5/12/2004**
Permit Type:
Description: **No Plan Check Installed 200 AMP panel**

Permit Description: **Electrical**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 040419000011562
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ELECTRON ELECTRIC

Date: **4/28/2004**
Permit Type:
Description: **No Plan Check REPAIR EXIST. STAIRCASE. (LESS THAN 10%- NON-STRUCTURAL)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: 1 or 2 Family Dwelling Duplex
Permit Number: 040161000007919
Status:
Valuation: $301.00
Contractor Company:
Contractor Name:

Date: **3/17/2004**
Permit Type:
Description: **No Plan Check INSTALL (2) SUB PANELS AND REMOVE EXPOSED WIRING, INSTALL SMOKE DETECTORS**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 040417000006350
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JP ELECTRIC

ADJOINING PROPERTY FINDINGS

1622 W 11TH ST

Date:	**1/23/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	180421000001909
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CHO YONGSUK

Date:	**7/28/2004**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO #04044-10000-07601; CHANGE OF ADDRESS FROM 1522 W 11TH ST TO 1622 W 11TH ST. NO FEE-DEPARTMENT ERROR.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040441000107601
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	DIA-TECK

ADJOINING PROPERTY FINDINGS

Date: **6/21/2004**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #04042-90000-14260 FOR CHANGE OF CONTRACTOR FROM GOLDEN BEE PLUMBING TO PYUNG KYU CHO.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040421000114260
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHO PYUNG KYU

Date: **6/21/2004**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #04042-90000-15766 FOR CHANGE OF CONTRACTOR FROM GOLDEN BEE PLUMBING TO PYUNG KYU CHO.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040421000115766
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHO PYUNG KYU

Date: **6/8/2004**
Permit Type:
Description: **No Plan Check 16 fixture repiping**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040429000016767
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GOLDEN BEE PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **6/1/2004**
Permit Type:
Description: **No Plan Check Gas outlets and water service**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040429000015766
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GOLDEN BEE PLUMBING

Date: **5/17/2004**
Permit Type:
Description: **No Plan Check Replace tub, toilet, sinks and water heater.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040429000014260
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GOLDEN BEE PLUMBING

Date: **5/5/2004**
Permit Type:
Description: **No Plan Check INSTALL SUBPANEL & REWIRE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000010922
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DELTA ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **3/9/2004**
Permit Type:
Description: **Plan Check REMOVE AND REPLACE WINDOWS AND DOORS (SAME SIZE AND TYPE), REMODEL KITCHENS AND BATHROOMS WHICH CONSISITS OF REMOVING AND REPLACING FIXTURES, CABINETS, FINISHES NON STRUCTURAL**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 040161000000919
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name:

Date: **9/5/2003**
Permit Type:
Description: **No Plan Check Earthquake Valve**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030429000028199
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CONTRACTOR CONNECTION THE

Date: **10/21/1999**
Permit Type:
Description: **No Plan Check REPLACE WATER HEATHER.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 990421000014616
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PAUL PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**10/14/1999**
Permit Type:	
Description:	**No Plan Check TERMITE DAMAGE/DRY ROT REPIAR LESS THAN 10% OF REPLACEMENT COST OF BUILDING AS PER HOUSING AUTHORITY ORDER DATED 6-18-99**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	990161000019358
Status:	
Valuation:	$500.00
Contractor Company:	
Contractor Name:	ACE BUILDING SERVICE

Date:	**2/11/1999**
Permit Type:	
Description:	**No Plan Check Remove existing room, install 1/2" O.S.B. board, 20 year class 'A' shingles.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	990165000002539
Status:	
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	MISSION ROOFING CO

ADJOINING PROPERTY FINDINGS

1624 W 11TH ST

Date:	**11/6/2006**
Permit Type:	
Description:	**Plan Check REPLACED EXISTING EXTERIOR STAIRS.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	060161000022219
Status:	
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	

Date:	**3/23/2005**
Permit Type:	
Description:	**No Plan Check Supplemental permit to change owner information and contractor to PCIS # 04016-10000-15866.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	040161000115866
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNANDEZ JESUS CHRISTOPHER

ADJOINING PROPERTY FINDINGS

Date:	**2/16/2005**
Permit Type:	
Description:	**No Plan Check INSTALL SMOKE DETECTORS, PLUGS, SWITCHES UP-GRADE ELECT. PANEL & REWIRE.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	050411000003544
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNANDEZ JESUS CHRISTOPHER

Date:	**2/16/2005**
Permit Type:	
Description:	**No Plan Check COPPER REPIPE, (2) WATER HEATER (2) KITCHEN SINK, MAIN LINE REPLACE (3) TUBS, TOILETS, SINKS. (REPLACE ABS PLUMBING AS NEEDED).**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	050421000003889
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNANDEZ JESUS CHRISTOPHER

ADJOINING PROPERTY FINDINGS

Date:	**2/16/2005**
Permit Type:	
Description:	**No Plan Check SUPPL. PERMIT TO PERMIT #05042-10000-03889 FOR (2) GAS METERS.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	050421000103889
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNANDEZ JESUS CHRISTOPHER

Date:	**2/16/2005**
Permit Type:	
Description:	**No Plan Check INSTALL (3) WALL HEATERS. REFERENCE W/ # 05041-10000-03544.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	050441000001511
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNANDEZ JESUS CHRISTOPHER

ADJOINING PROPERTY FINDINGS

Date:	**9/23/2004**
Permit Type:	
Description:	**Plan Check INTERIOR REMODEL TO (E) 2-STORY DUPLEX RESULTING IN (1) 4-BDRM WITH 1-BATH & (1) 3-BDRM WITH 2-BATH UNIT. NO CHANGE TO FOOTPRINT.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Duplex
Permit Number:	040167000015866
Status:	
Valuation:	$60,000.00
Contractor Company:	
Contractor Name:	

1626 W 11TH ST

Date:	**7/23/2009**
Permit Type:	
Description:	**No Plan Check INSTALLATION OF (1) E.Q. VALVE.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	090429100012300
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	METRO RETROFITTING INC

ADJOINING PROPERTY FINDINGS

1633 W 11TH ST

Date: **8/9/2018**
Permit Type:
Description: **Plan Check INSTALLATION OF ONE HYDRAULIC ELEVATOR.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 180461000001339
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **7/23/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 180419000027356
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LEDCOM INC

Date: **6/20/2018**
Permit Type:
Description: **Plan Check 11 NEW AWNINGS: [WIDTH = 2'-6" FOR EACH**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial School
Permit Number: 180162000017975
Status:
Valuation: $16,500.00
Contractor Company:
Contractor Name: SARK CUSTOM AWNINGS & WINDOW COVERINGS INC

ADJOINING PROPERTY FINDINGS

Date: **4/5/2018**
Permit Type:
Description: **Plan Check Plan check for a fire alarm system for**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 180413000012307
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: METRO FIRE SYSTEMS INC

Date: **10/6/2017**
Permit Type:
Description: **Plan Check Removal/recompact and site grading**

Permit Description: **Grading**
Work Class:
Proposed Use: Commercial Grading Non-Hill
Permit Number: 160303000008759
Status:
Valuation: $2,526.00
Contractor Company:
Contractor Name: BLACKWELL CONSTRUCTION INC

Date: **10/6/2017**
Permit Type:
Description: **Plan Check PLANCHECK FOR POWER AND ENERGY. NEW 2-S**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160412000021825
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BLACKWELL CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **10/6/2017**
Permit Type:
Description: **Plan Check GENERAL HVAC WITH ENIVIRONMENTAL EXHAUS**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160442000006805
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BLACKWELL CONSTRUCTION INC

Date: **6/16/2017**
Permit Type:
Description: **Plan Check DEMO (E) 1- STORY COMMERCIAL BUILDING.**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: Commercial Manufacturing Misc. Bldg or Structure
Permit Number: 170192000000203
Status:
Valuation: $48,000.00
Contractor Company:
Contractor Name: BLACKWELL CONSTRUCTION INC

Date: **6/15/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 170422000013606
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BLACKWELL CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **2/1/2006**
Permit Type:
Description: **No Plan Check INSTALL (2) AIR TANKS.**

Permit Description: **Pressure Vessel**
Work Class:
Proposed Use: Commercial
Permit Number: 060451000000050
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/18/1999**
Permit Type:
Description: **No Plan Check AIR TANK**

Permit Description: **Pressure Vessel**
Work Class:
Proposed Use: Commercial
Permit Number: 990451000000120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

1647 W 11TH ST

Date: **4/23/2012**
Permit Type:
Description: **No Plan Check REPIPE FIXTURES & WASTE/VENT ALTERATIONS .**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 120421000007348
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ROBBY'S ROOTER INC

ADJOINING PROPERTY FINDINGS

Date:	**9/15/2009**
Permit Type:	
Description:	**No Plan Check REPAIR DRIN LINE DAMAGED UNDER BLDG.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Apartment
Permit Number:	090422000016207
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ONE WAY PLUMBING

Date:	**8/15/2008**
Permit Type:	
Description:	**No Plan Check PER REBECCA NG, (VEHICLE REPAIR - LESS THAN 10% DAMAGE) - REPAIR STEEL LADDER ON THE FIRE ESCAPE.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	080163000013602
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	H & H RESTORATION

ADJOINING PROPERTY FINDINGS

Date:	**9/5/2007**
Permit Type:	
Description:	**No Plan Check (VEHICLE REPAIR - LESS THAN 10 PERCENT DAMAGE) - REPAIR BRICK WORK ON FIRE ESCAPE - VALUATION TO BE VERIFIED BY FIELD INSPECTOR**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	070162000016720
Status:	
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	H & H BUILDERS

Date:	**5/14/2007**
Permit Type:	
Description:	**No Plan Check REPIPE FIXTURES/WASTE VENT ALTERATIONS.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	070421000010638
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	M A G PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **4/25/2007**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT # 07042-10000-08536 FOR (10) REPIPE FIXTURES & (2) WASTE & VENT ALTERATIONS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 070421000108536
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D C CONSTRUCTION

Date: **4/18/2007**
Permit Type:
Description: **No Plan Check ADD (2) GFI'S. 2 OF 2 W/ # 07042-10000-08536.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 070411000009266
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D C CONSTRUCTION

Date: **4/18/2007**
Permit Type:
Description: **No Plan Check REPIPE SUPPLY LINES IN BUILDING. 1 OF 2 W/ # 07041-10000-09266.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 070421000008536
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D C CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **9/8/2006**
Permit Type:
Description: **No Plan Check INSTALLATION OF (1) EQ VALVE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 060429100020252
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRC MECHANICAL

Date: **9/30/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT WALL HEATERS FOR UNITS #102, #105, #108, #109, #201, #208, #214, #304, 306, #307, #308, #309, #310, #311, AND #314.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 050441000010189
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date: **9/1/2005**
Permit Type:
Description: **No Plan Check CHANGE OUT WALL HEATERS FOR UNITS #111, #206, AND #211.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 050441000008816
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HERNDON K R RANDY PLBG HTG & AIR CONDITION

ADJOINING PROPERTY FINDINGS

Date: **5/20/2002**
Permit Type:
Description: **No Plan Check SMOKE DETECTOR FOR UNIT 101- MGRS APT KITCHEN; PERMIT 1 OF 2; REFERENCE 02044-10000-04844**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 020411000010707
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ALLEN DON

Date: **5/20/2002**
Permit Type:
Description: **No Plan Check VENTS FOR KITCHEN+BATH ON ROOF; PERMIT 2 OF 2; REFERENCE 02041-10000-10707**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 020441000004844
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ALLEN DON

Date: **1/10/2002**
Permit Type:
Description: **No Plan Check REPAIR EXTERIOR WALLS.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 020161000000327
Status:
Valuation: $750.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**2/1/1999**
Permit Type:	
Description:	**No Plan Check CHANGE ADDRESS ON PERMIT #99044-10000-00584 FROM 1147 W 11TH ST TO 1647 W 11TH ST**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	990441000100584
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date:	**12/10/1998**
Permit Type:	
Description:	**No Plan Check CHANGE OUT WALL HEATERS, UNITS (101-112-202-305)**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	980441000010818
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HERNDON K R RANDY PLBG HTG & AIR CONDITION

ADJOINING PROPERTY FINDINGS

1648 W 11TH ST

Date:	**6/24/2004**
Permit Type:	
Description:	**No Plan Check UPGRADE (E) 120V SMOKE DETECTOR TO 120V W/ BATTERY BACK-UP(30 EA).**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040411000015745
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	D C & V ELECTRIC

1662 W 11TH ST

Date:	**2/19/1999**
Permit Type:	
Description:	**No Plan Check EQ VALVE**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	990421000002246
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	PRC MECHANICAL

ADJOINING PROPERTY FINDINGS

1669 W 11TH ST

Date: **2/25/2005**
Permit Type:
Description: **No Plan Check INSTALL 11 EQ VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 050422000004760
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NORMCO APPLIANCE SERVICE

Date: **3/24/2004**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PEMRIT INSTALL ORIGINAL FIXTURES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030422000303342
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NORMCO APPLIANCE SERVICE

Date: **2/19/2004**
Permit Type:
Description: **No Plan Check INSTALL 10 BATHROOM AND 10 KITCHEN EXHAUST FANS**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 040442000001776
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NORMCO APPLIANCE SERVICE

ADJOINING PROPERTY FINDINGS

Date: **1/26/2004**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT REPIPE TO 40 FIXTURES, REPLACE WATER HEATER AND VENT, REPLACE BUILDING DRAIN.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030422000203342
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NORMCO APPLIANCE SERVICE

Date: **8/19/2003**
Permit Type:
Description: **Plan Check ELECT PLAN CHECK FOR CONVERSION TO MIXED USE BLDG CONSISTING OF 1ST LEVEL RETAIL T.I. SPACES WITH 10 APARTMENTS ON 2ND LEVEL. "FEE EXPEDITE" OFF HOUR PLAN CHECK FEES PAID.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 030412000008084
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BARAJAS ALFONSO

ADJOINING PROPERTY FINDINGS

Date: **1/31/2003**
Permit Type:
Description: **No Plan Check RUNNING GAS LINES TO EACH APT. FOR RANGE & WALL HEATER & 1 WH.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 030422000003342
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NORMCO APPLIANCE SERVICE

Date: **1/31/2003**
Permit Type:
Description: **No Plan Check INSTALL 10 WALL HEATERS & VENTS.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 030442000001016
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NORMCO APPLIANCE SERVICE

ADJOINING PROPERTY FINDINGS

1671 W 11TH ST

Date:	**1/15/2003**
Permit Type:	
Description:	**Plan Check CONVERT THE 20 "LIGHT HOUSEKEEPING" DWELLINGS AT 2ND FLR TO 10 APARTMENTS.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Hotel Apartment
Permit Number:	020162000021693
Status:	
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	

1674 W 11TH ST

Date:	**2/8/2005**
Permit Type:	
Description:	**Plan Check TYPE HOOD SYSTEM FOR A TAKE-OUT RESTAURANT; 17'-0"X 38'-6"(655 SQ.FT) PORTION OF MARKET TO REMAIN. NO CHANGE IN PARKING & OCCUPANCY. INSTALL STORE FRONT IN EXISTING EXTERIOR WALL OPENING. THREE EMPLOYEES MAX. UPGRADE (E) RESTROOM TO H.C. CONSTRUCT ONE HR SHAFT FOR KITCHEN HOOD.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040441000009426
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LIM DONG HYOK

ADJOINING PROPERTY FINDINGS

Date: **1/4/2005**
Permit Type:
Description: **Plan Check CONVERT PORTION 17'-6"X 38'-6"(674 SQ.FT) OF (E) MARKET TO TAKE-OUT RESTAURANT; 17'-0"X 38'-6"(655 SQ.FT) PORTION OF MARKET TO REMAIN. NO CHANGE IN PARKING & OCCUPANCY. INSTALL STORE FRONT IN EXISTING EXTERIOR WALL OPENING. THREE EMPLOYEES MAX. UPGRADE (E) RESTROOM TO H.C. CONSTRUCT ONE HR SHAFT FOR KITCHEN HOOD. PLAN CHK IS FOR TITLE 24. (CONT'D --- SEE APP. COMMENTS)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000023187
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DELTA ELECTRIC

Date: **12/30/2004**
Permit Type:
Description: **No Plan Check INSTALL FIXTURES FOR TAKE-OUT RESTAURANT. TO COMPLY W/ DEPARTMENT ORDER DATED 09-12-2002. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 040421000036966
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: P D PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **8/3/2004**
Permit Type:
Description: **No Plan Check INSTALL E.Q. VALVE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: 1 or 2 Family Dwelling
Permit Number: 040421000022387
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: INDIAN KOREAN PLUMBING

1675 W 11TH ST

Date: **3/27/2013**
Permit Type:
Description: **No Plan Check EQ VALVE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 130422000105046
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LEAK FREE PLUMBING AND ROOTER

Date: **3/13/2013**
Permit Type:
Description: **No Plan Check INSTALL GAS LINE FOR STOVE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 130422000005046
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LEAK FREE PLUMBING AND ROOTER

ADJOINING PROPERTY FINDINGS

1676 W 11TH ST

C.O. Issued Date:	**12/17/2008**
Date:	**12/29/2004**
Permit Type:	
Description:	**Plan Check CONVERT 35'-6" X 40'-0"(1225 SQ.FT) MARKET TO TAKE-OUT RESTAURANT. LIMIT HOURS OF OPERATION FROM 7:00 AM TO 11:00 PM. NO CHANGE IN PARKING . CHANGE OCCUPANCY TO "M". INSTALL STORE FRONT IN EXISTING EXTERIOR WALL OPENING. THREE EMPLOYEES MAX. UPGRADE (E) RESTROOM TO H.C. CONSTRUCT ONE HR SHAFT FOR KITCHEN HOOD. INSTALL 11'-6"X 8'-6" WALK-IN COOLER (LARR#24553).**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Retail Restaurant
Permit Number:	040161000017432
Status:	
Valuation:	$28,000.00
Contractor Company:	
Contractor Name:	

1677 W 11TH ST

Date:	**7/28/2015**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	150412000024134
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	NEW WAVE TELECT

ADJOINING PROPERTY FINDINGS

Date:	**2/15/2006**
Permit Type:	
Description:	**No Plan Check SUPPL. PERMIT TO PERMIT #06042-10000-03084 FOR (1) EXTRA TRIP.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	060421000103084
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	F M A CONSTRUCTION

Date:	**2/9/2006**
Permit Type:	
Description:	**No Plan Check REPIPE (1) HAND SINK AND ADD (1) MOP SINK. (REF. W/ PERMIT #06042-10000-01527)**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	060421000003084
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	F M A CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**1/31/2006**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT 06041-10000-01430 FOR (2) EXTRA TRIPS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	060411000101430
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	F M A CONSTRUCTION

Date:	**1/23/2006**
Permit Type:	
Description:	**No Plan Check INSTALL (1) CIRCUIT FOR ELECTRIC WATER HEATER. (2 OF 2 W/ PERMIT #06042-10000-01527)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	060411000001430
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	F M A CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**1/23/2006**
Permit Type:	
Description:	**No Plan Check INSTALL (1) ELECTRIC WATER HEATER. (1 OF 2 W/ PERMIT #06041 -10000-01430)**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	060421000001527
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	F M A CONSTRUCTION

1681 W 11TH ST

Date:	**9/29/2011**
Permit Type:	
Description:	**Plan Check REMODELING COUNTER TOP & DISPLAY SHOWCASE (INTERIOR ONLY) , NO EXTERIOR WORKS**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Retail
Permit Number:	110161000019168
Status:	
Valuation:	$3,360.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1683 W 11TH ST

Date:	**11/10/2011**
Permit Type:	
Description:	**No Plan Check INSTALLATION OF REFRIGERATION EQUIPMENT - CONDENSING UNIT AND EVAPORATORS.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110441000013148
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	REYES REFRIGERATION CO INC

1809 W 11TH ST

Date:	**2/7/2019**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	190419000004603
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	J THOMPSON ELECTRIC INC

ADJOINING PROPERTY FINDINGS

Date: **1/28/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 190421000002156
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: L A A P PLUMBING INC, MONTEREY PARK ROOFING CO AND CONSULTANTS

C.O. Issued Date: **4/30/2019**
Date: **6/8/2017**
Permit Type:
Description: **Plan Check Construction of a rooftop wireless cell**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment Apartment
Permit Number: 160161000017669
Status:
Valuation: $98,700.00
Contractor Company:
Contractor Name: C I K POWER DISTRIBUTORS LLC

Date: **12/7/2012**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT #12041-10000-0651 1 TO ADD TO (E).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 120411000106511
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FORERUNNER FIRE PREVENTION INC

ADJOINING PROPERTY FINDINGS

Date:	**4/6/2012**
Permit Type:	
Description:	**Plan Check New 44kw rooftop photovoltaic system on an existing apartment building. 152 modules and 3 inverters.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	120411000002919
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C J'S ELECTRIC CO

Date:	**3/21/2012**
Permit Type:	
Description:	**Plan Check Fire alarm system with 53 devices in an existing commercial building.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	120411000006511
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FORERUNNER FIRE PREVENTION INC

ADJOINING PROPERTY FINDINGS

Date:	**3/14/2012**
Permit Type:	
Description:	**Plan Check SUPPLEMENTAL TO PERMIT # 10016-10000-110 44 TO CAPTURE MINOR CHANGES TO ORIGINAL NOTES AND DETAILS FOR NEW 65'-1"X31'-9"X MAX 9'-11" HIGH. AND 58'-0" X 35'-4"XMAX. 9'-11" HIGH. RAISED PHOTOVOLTAIC STRUCTURE ON ROOF OF 63UNIT MIXED USE BUILDING.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Apartment
Permit Number:	100161000111044
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	LITE SOLAR CORP

Date:	**2/10/2012**
Permit Type:	
Description:	**Plan Check NEW 65'-1"X31'-9"X MAX 9'-11" HIGH. AND 58'-0" X 35'-4"XMAX. 9'-11" HIGH. RAISED PHOTOVOLTAIC STRUCTURE ON ROOF OF 63UNIT MIXED USE BUILDING.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Apartment
Permit Number:	100161000011044
Status:	
Valuation:	$80,000.00
Contractor Company:	
Contractor Name:	LITE SOLAR CORP

ADJOINING PROPERTY FINDINGS

Date: **6/8/2007**
Permit Type:
Description: **No Plan Check INSTALL (1) COMMUNICATION PANEL TO MONITOR EXISTING FIRE ALARM SYSTEM. SEE COMMENTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 070411000013674
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GLENDALE FIRE SYSTEMS INC

Date: **6/5/2007**
Permit Type:
Description: **No Plan Check REPLACE (30) WALL FURNACES.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 070441000005762
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DYNAMIC PLUMBING COMMERCIAL INC

Date: **5/8/2007**
Permit Type:
Description: **No Plan Check REPLACE EXISTING PAINTED FIRE SPRINKLER HEADS.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 070431000001401
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTHLAND FIRE PROTECTION CO

ADJOINING PROPERTY FINDINGS

Date: **5/2/2007**
Permit Type:
Description: **No Plan Check REPLACE RAYPAK BOILER.**

Permit Description: **Pressure Vessel**
Work Class:
Proposed Use: Apartment
Permit Number: 070451000000243
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DYNAMIC PLUMBING COMMERCIAL INC

Date: **4/30/2007**
Permit Type:
Description: **No Plan Check CLASS 2, MAX 2" RISER, SERVICE, HOOK-UP & REPAIR. SEE APP. COMMENTS.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 070431000001320
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DAVIS CONSTRUCTION PLUMBING INC

Date: **3/15/2007**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #04042-10000-13163 FOR WASTE/VENT REPAIR FOR (115) FIXTURES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 040421000213163
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DYNAMIC PLUMBING SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **3/14/2007**
Permit Type:
Description: **No Plan Check REPLACE EXISTING WATER HEATER AND EXPANSION TANK.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 070421000005703
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: STATE WIDE MECHANICAL INC

Date: **3/7/2007**
Permit Type:
Description: **No Plan Check RELOCATE (12) FIRE SPRINKLER HEADS.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 070431000000702
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTHLAND FIRE PROTECTION CO

Date: **12/28/2006**
Permit Type:
Description: **Plan Check INSTALLING NEW LOW PRESSURE GAS SYSTEM FOR THE ENTIRE BLDG.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 060421000028105
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DYNAMIC PLUMBING SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **11/27/2006**
Permit Type:
Description: **No Plan Check LOW VOLTAGE IN ALL UNITS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 060411000029218
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ICON BUILDERS

Date: **10/24/2006**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #04042-10000-13163 FOR REPLACEMENT OF BATHTUBS AND SHOWERS. TO INCLUDE RELOCATION OF GAS METER W/ EXISTING EQ. VALVE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 040421000113163
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DYNAMIC PLUMBING SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**9/21/2005**
Permit Type:	
Description:	**No Plan Check (6) A/C & HEAT SYSTEMS, (11) AIR GRILLES, (65) EXHAUST FANS & DUCTS.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050441000009564
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ROYAL SERVICE AIR CONDITIONING CORPORATION

Date:	**5/26/2005**
Permit Type:	
Description:	**Plan Check VOLUNTARY SEISMIC UPGRADES EXISTING 4-STORY URM BUIDLING. ADD NEW STEEL BRACED FRAMES.(SEE COMMENT)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	040161000118264
Status:	
Valuation:	$400,000.00
Contractor Company:	
Contractor Name:	BEZAIRE ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**3/11/2005**
Permit Type:	
Description:	**Plan Check VOLUNTARY SEISMIC UPGRADES EXISTING 4-STORY URM BUIDLING. ADD NEW SHOTCRETE SHEAR WALLS UP TO ROOF.(SEE COMMENT)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	040161000018264
Status:	
Valuation:	$400,000.00
Contractor Company:	
Contractor Name:	BEZAIRE ELECTRIC

Date:	**1/12/2005**
Permit Type:	
Description:	**No Plan Check INSTALL NEW CONTROLLER, MACHINE, MOTOR, GOVERNOR, AND TRAVEL CABLE FOR ELEV. #14135.**
Permit Description:	**Elevator**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050461000000030
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	THYSSENKRUPP ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date:	**10/19/2004**
Permit Type:	
Description:	**Plan Check MODIFY INTERIOR PARTITIONS FOR RETAIL SPACE LAYOUT. REPLACE GROUND FLOOR STOREFRONT.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Apartment
Permit Number:	030161000023718
Status:	
Valuation:	$250,000.00
Contractor Company:	
Contractor Name:	BEZAIRE ELECTRIC

Date:	**9/3/2004**
Permit Type:	
Description:	**Plan Check new servic 1000 to an existng apartment building, new computer learning center**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	040413000005866
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ICON BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **7/30/2004**
Permit Type:
Description: **No Plan Check T/O(E) & REROOF W/ONE LAYER OF 28# BASE SHEET, ONE LAYER OF AN APP SMOOTH MODIFIED BITUMEN CAP SHEET & ONE LAYER OF AN APP GRANULATED MODIFIED BITUMEN CAP SHEET (TORCH METHOD) - 75SQS**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 040164000014547
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name: TOWNSLEY CLAUD

Date: **5/28/2004**
Permit Type:
Description: **No Plan Check ELECT. FOR INTERIOR RENOVATION FOR UNITS #1-58.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 040411000012557
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ICON BUILDERS

Date: **5/12/2004**
Permit Type:
Description: **No Plan Check REPLACE EXISTING PLUMBING WITH NEW.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 040421000013163
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DYNAMIC PLUMBING SYSTEMS

ADJOINING PROPERTY FINDINGS

Date: **2/25/2004**
Permit Type:
Description: **Plan Check INTERIOR RENOVATION INCLUDING NEW FINISHES AND CABINETS. EXTERIOR WORK TO INCLUDE RE-ROOFING WITH BUILT UP ROOFING MATERIALS. ROOF MATERIAL TO MATCH EXISTING.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 040161000003401
Status:
Valuation: $150,000.00
Contractor Company:
Contractor Name:

Date: **4/9/2003**
Permit Type:
Description: **No Plan Check CHANGE OUT DIRECT VENT HEATER (1)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 030441000002557
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HERNDON K R RANDY PLBG HTG & AIR CONDITION

ADJOINING PROPERTY FINDINGS

Date:	**9/6/2002**
Permit Type:	
Description:	**No Plan Check REPAIR WATER DAMAGE (NON STRUCTURAL). LESS THAN 10% DAMAGE. DRYWALL REPAIR. VALUATION TO BE VERIFIED BY FIELD INSPECTOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	020162000017411
Status:	
Valuation:	$4,500.00
Contractor Company:	
Contractor Name:	LANCER CONSTRUCTION COMPANY

Date:	**9/6/2002**
Permit Type:	
Description:	**No Plan Check REPAIR WATER DAMAGE. RESET SMOKE DET., RESET 7 SWITCHES.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	020412000019673
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LANCER CONSTRUCTION COMPANY

ADJOINING PROPERTY FINDINGS

Date: **10/22/1999**
Permit Type:
Description: **No Plan Check CHANGE OUT WALL HEATER**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 990441000009320
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HERNDON K R RANDY PLBG HTG & AIR CONDITION

Date: **2/18/1998**
Permit Type:
Description: **Plan Check REMOVE & REPLACE DAMAGE FASCIA.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 980161000002577
Status:
Valuation: $17,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

W 9TH ST

1602 W 9TH ST

Date:	**8/12/2002**
Permit Type:	
Description:	**No Plan Check T/O(E) & REROOF W/COMP - SFD - 28SQS & DET GAR - 6SQS**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling Single Family Residence
Permit Number:	020164000015630
Status:	
Valuation:	$6,800.00
Contractor Company:	
Contractor Name:	MAF CONSTRUCTION

Date:	**5/23/2002**
Permit Type:	
Description:	**No Plan Check UPGRADE SERVICE**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	1 or 2 Family Dwelling
Permit Number:	020414000011036
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	LINEA ELECTRIC

ADJOINING PROPERTY FINDINGS

1616 W 9TH ST

Date:	**6/6/1997**
Permit Type:	
Description:	**Plan Check change of use from office to vocational training school (approx. 1780 sq ft)adult only**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office School
Permit Number:	970161000012100
Status:	
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	

W JAMES M WOOD BLVD

1616 W JAMES M WOOD BLVD

Date:	**9/7/2004**
Permit Type:	
Description:	**No Plan Check SEWER CAP PERMIT FOR DEMO PERMIT.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040427000025885
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	AMERICAN WRECKING

ADJOINING PROPERTY FINDINGS

Date: **9/8/2003**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 03019*10000*00823, TO CHANGE THE CONTRACTOR ON RECORD = BARRAZA & SONS HEAVY EQUP., INC., TO: AMERICAN WRECKING, INC. TO COMPLETE THE DEMOLISH (E) TYPE I (5) STORY OFFICE BLDG W/ 1-STORY BASEMENT. METHOD OF DEMOLISH: HAND WRECKING DPI PER G10763 SEWER CAP AND PEDESTRIAN PROTECTION REQUIRED.**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: Commercial Office Misc. Bldg or Structure
Permit Number: 030197000100823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AMERICAN WRECKING

Date: **9/8/2003**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 03030*10000*01605, TO CHANGE THE CONTRACTOR ON RECORD FROM: BARRAZA & SONS HEAVY EQUP., INC. TO: AMERICAN WRECKING INC. FOR BASEMENT BACKFILL**

Permit Description: **Grading**
Work Class:
Proposed Use: Commercial Grading Non-Hill
Permit Number: 030307000101605
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AMERICAN WRECKING

ADJOINING PROPERTY FINDINGS

Date: **7/15/2003**
Permit Type:
Description: **Plan Check DEMOLISH (E) TYPE I (5) STORY OFFICE BLDG W/ 1-STORY BASEMENT. METHOD OF DEMOLISH: HAND WRECKING DPI PER G10763 SEWER CAP AND PEDESTRIAN PROTECTION REQUIRED.**

Permit Description: **Bldg-Demolition**
Work Class:
Proposed Use: Commercial Office Misc. Bldg or Structure
Permit Number: 030191000000823
Status:
Valuation: $450,000.00
Contractor Company:
Contractor Name: BARRAZA & SONS HEAVY EQUIPMENTS

Date: **7/15/2003**
Permit Type:
Description: **Plan Check BASEMENT BACKFILL**

Permit Description: **Grading**
Work Class:
Proposed Use: Commercial Grading Non-Hill
Permit Number: 030301000001605
Status:
Valuation: $4,627.00
Contractor Company:
Contractor Name: BARRAZA & SONS HEAVY EQUIPMENTS

Date: **5/22/2003**
Permit Type:
Description: **No Plan Check SEWER CAP**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030421000016502
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PHOENIX ENGINEERING & RENTAL

ADJOINING PROPERTY FINDINGS

W OLYMPIC BLVD

1532 W OLYMPIC BLVD

Date:	**10/31/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170429000026933
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TITANIUM PLUMBING

Date:	**3/6/2001**
Permit Type:	
Description:	**No Plan Check WALK-IN COOLER.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	010441000002118
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	O R REFRIGERATION

ADJOINING PROPERTY FINDINGS

1534 W OLYMPIC BLVD

Date:	**11/10/2015**
Permit Type:	
Description:	**No Plan Check COMPLETE WORK STARTED THROUGH #03016-10**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Apartment Apartment
Permit Number:	150161000024721
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	

Date:	**7/15/2003**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO #02041-10000-16839 FOR SMOKE DETECTORS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Apartment
Permit Number:	020411000116839
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	A D IMPROVEMENTS

ADJOINING PROPERTY FINDINGS

Date: **7/15/2003**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO #02044-10000-08929 FOR RESIDENTIAL KITCHEN VENT HOODS.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 020441000108929
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

Date: **7/15/2003**
Permit Type:
Description: **No Plan Check REPAIR STAIRS WITH LESS THAN 10% DAMAGE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 030161000013709
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

Date: **5/5/2003**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 02042-10000-22073 FOR EQ SHUT OFF VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 020421000222073
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

ADJOINING PROPERTY FINDINGS

Date: **12/4/2002**
Permit Type:
Description: **No Plan Check NEW EXTERIOR STUCCO AND CHANGE OUT (40) WINDOWS -SAME SIZE & TYPE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 020161000022853
Status:
Valuation: $6,000.00
Contractor Company:
Contractor Name:

Date: **9/17/2002**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO APPLICATION #02042-10000-22073 TO ADD (4) WATER HEATER & (8) OUTLETS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 020421000122073
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

Date: **9/17/2002**
Permit Type:
Description: **No Plan Check INSTALL (4) WALL HEATER & VENTS.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Apartment
Permit Number: 020441000008929
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

ADJOINING PROPERTY FINDINGS

Date: **8/20/2002**
Permit Type:
Description: **No Plan Check APPLY DRYWALL AND INSULATION TO WALLS. REPLACE KITCHEN CABINETS & COUNTER TOPS AND TILE. PAINT INTERIOR WALLS.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Apartment Apartment
Permit Number: 020161000014976
Status:
Valuation: $40,000.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

Date: **8/20/2002**
Permit Type:
Description: **No Plan Check REWIRE 4-UNIT APARTMENT BUILDING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Apartment
Permit Number: 020411000016839
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

Date: **8/20/2002**
Permit Type:
Description: **No Plan Check REPLACE FIXTURES IN 4-UNIT APARTMENT BUILDING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Apartment
Permit Number: 020421000022073
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D IMPROVEMENTS

ADJOINING PROPERTY FINDINGS

1542 W OLYMPIC BLVD

Date:	**11/22/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170429000029101
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TITANIUM PLUMBING, SEWER AND ROOTER PROS, TITANIUM POWER INC

Date:	**5/8/2015**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	150412000014000
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JOVI ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **1/17/2008**
Permit Type:
Description: **Plan Check REPLACE AUTO DAMAGED SUPPORT STEEL PIPE COLUMN WITH SAME SIZE AND TYPE. "COMPLY WITH DEPARTMENT ORDER (# A-1657501) effective date 01/03/2008. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE".**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 080161000000787
Status:
Valuation: $1,200.00
Contractor Company:
Contractor Name: NISHI-KEN CONSTRUCTION CO

1543 W OLYMPIC BLVD

Date: **2/3/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 150461000000195
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: METROPOLITAN ELEVATOR COMPANY INC

ADJOINING PROPERTY FINDINGS

Date: **8/13/2014**
Permit Type:
Description: **No Plan Check REPLACE (1) HAND SINK & (1) 3-COMPARTME T SINK.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 140421000015329
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: K C PLUMBING CO

Date: **7/3/2012**
Permit Type:
Description: **Plan Check REPLACE JACK ASSEMBLY, ELEVATOR STATE #4 4863.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 120461000000794
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: METROPOLITAN ELEVATOR COMPANY INC

Date: **4/29/2009**
Permit Type:
Description: **No Plan Check REPLACE PUMP UNITS.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 090461000000570
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: METROPOLITAN ELEVATOR COMPANY INC

ADJOINING PROPERTY FINDINGS

Date: **5/3/2007**
Permit Type:
Description: **Plan Check T.I. TO DIVIDE 2 OFFICES INTO 4.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 070161000007897
Status:
Valuation: $1,500.00
Contractor Company:
Contractor Name:

Date: **10/24/2003**
Permit Type:
Description: **No Plan Check NEW TANK UNIT. STATE#40970**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 030461000001096
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXCEL ELEVATOR SERVICES

Date: **8/30/2002**
Permit Type:
Description: **Plan Check new 10.75 inch cylinder and new 7.5 inch plunger, max set pressure of relief valve 546 psi**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 020461000000950
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXCEL ELEVATOR SERVICES

ADJOINING PROPERTY FINDINGS

Date: **3/25/2002**
Permit Type:
Description: **No Plan Check NEW ELEVATOR CONTROLLER. ELEVATORS #44863, 40970, 40971.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 020461000000331
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EXCEL ELEVATOR SERVICES

Date: **2/16/1999**
Permit Type:
Description: **Plan Check Replace Counter, Install New Bathroom for existing restaurant**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Restaurant
Permit Number: 990167000002578
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: JAE YOUNG KOOK

Date: **11/19/1998**
Permit Type:
Description: **No Plan Check Install three 20-amp circuits; & one 40-amp circuit**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980417000025816
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JAE YOUNG KOOK

ADJOINING PROPERTY FINDINGS

Date:	**11/19/1998**
Permit Type:	
Description:	**No Plan Check New install: 1 lav, 1 hand sink, 1 toilet, & 1 electric water heater. Replace: 1 kitchen sink, & 1 bar sink.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	980427000015279
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JAE YOUNG KOOK

1552 W OLYMPIC BLVD

Date:	**8/22/2016**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	160421000017151
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RODRIGUEZ K R INC

ADJOINING PROPERTY FINDINGS

Date: **5/18/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000015198
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JOVI ELECTRIC

Date: **6/22/2000**
Permit Type:
Description: **No Plan Check T.I. WORK**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000421000009528
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LUCKY J C PLUMBING

Date: **6/20/2000**
Permit Type:
Description: **No Plan Check INSTALL 47 LIGHTS AND 7 E-LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000012243
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: S K ELECTRICAL CO

ADJOINING PROPERTY FINDINGS

Date: **6/24/1998**
Permit Type:
Description: **Plan Check CONSTRUCT 14'x48' DOUBLE FACE OFF-SITE SIGN L.A. STANDARD PLAN 186.**

Permit Description: **Sign**
Work Class:
Proposed Use: Offsite Signs
Permit Number: 980481000000560
Status:
Valuation: $45,000.00
Contractor Company:
Contractor Name: WEST COAST SIGN SERVICES INC

Date: **4/8/1997**
Permit Type:
Description: **No Plan Check WITNESS TEST**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 970441000101410
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GAMA CENTRAL HEATING & AIR CONDITIONING

Date: **3/19/1997**
Permit Type:
Description: **No Plan Check REPLACE COMPONANTS WITH SAME SIZE AND CAPACITY.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 970441000001410
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GAMA CENTRAL HEATING & AIR CONDITIONING

ADJOINING PROPERTY FINDINGS

Date: **3/3/1997**
Permit Type:
Description: **No Plan Check REPLACE LIGHTING AND RECEPTACLES**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970413000002227
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PARS ELECTRIC INC

Date: **1/15/1997**
Permit Type:
Description: **Plan Check REPLACE FIRE DAMAGED ROOF**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 960161000007562
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name:

1600 W OLYMPIC BLVD

Date: **8/9/2018**
Permit Type:
Description: **Plan Check REMOVE; REPLACE (2) (E) ILLUMINATED WAL**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 180481000002057
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: PROMOTION PLUS SIGN CO INC

ADJOINING PROPERTY FINDINGS

Date: **9/2/2014**
Permit Type:
Description: **Plan Check PROPOSED 2 - NEW ILLUMINATED LOGO WALL IGNS (33"DIA) ON THE EXISTING FUEL STATION CANOPY**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 140482000002208
Status:
Valuation: $2,000.00
Contractor Company:
Contractor Name: PROMOTION PLUS SIGN CO INC

Date: **10/9/2009**
Permit Type:
Description: **No Plan Check INSTALL (20) CANOPY LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000019281
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NUNEZ LUIS

Date: **9/4/2009**
Permit Type:
Description: **Plan Check ENLARGED EXISTING CANOPY WITH 468 S.F. AND INCREASE THE HEIGHT TO 19.5' HIGH, TOTAL OF CANOPY AREA 1,664 S.F.**

Permit Description: **Bldg-Addition**
Work Class:
Proposed Use: Commercial Gas Service Station
Permit Number: 090141000001651
Status:
Valuation: $60,000.00
Contractor Company:
Contractor Name: CORONA CONSTRUCTION COMPANY

ADJOINING PROPERTY FINDINGS

Date: **4/30/2009**
Permit Type:
Description: **Plan Check INSTALL SHEET METAL ENCLOSURE (7'x8') AND CONCRETE PAD**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 090201000000722
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: CORONA CONSTRUCTION COMPANY

Date: **12/6/2006**
Permit Type:
Description: **Plan Check REPLACE EXISTING CANOPY**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 060162000024339
Status:
Valuation: $4,000.00
Contractor Company:
Contractor Name: PROMOTION PLUS SIGN CO INC

Date: **12/6/2006**
Permit Type:
Description: **Plan Check REPLACE (1) ILLUMINATED LOGO SIGN AND (2) ILLUMINATED CHANNEL LETTERS SIGNS**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 060482000002008
Status:
Valuation: $4,000.00
Contractor Company:
Contractor Name: PROMOTION PLUS SIGN CO INC

Date: **4/22/2002**
Permit Type:
Description: **No Plan Check SEWER CAP TO CLOSE OFF EXISTING LUBE CENTER CLARIFIER**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 020421000010057
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: F R CONSTRUCTION

1601 W OLYMPIC BLVD

Date: **12/3/1999**
Permit Type:
Description: **No Plan Check TI**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000023845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VASQUEZ ALFONSO HUERTA

Date: **12/3/1999**
Permit Type:
Description: **No Plan Check INSTALLING PLUMBING FIXTURES**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 990421000016722
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VASQUEZ ALFONSO HUERTA

ADJOINING PROPERTY FINDINGS

1603 W OLYMPIC BLVD

Date:	**3/18/2003**
Permit Type:	
Description:	**No Plan Check RELOCATE BEVERAGE LINE**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	030422000008618
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CORREA PLUMBING

1605 W OLYMPIC BLVD

Date:	**7/19/2019**
Permit Type:	
Description:	**Plan Check NEW 3 ILLUMINATED WALL SIGNS (H 4' 11"**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	190481000001668
Status:	
Valuation:	$7,000.00
Contractor Company:	
Contractor Name:	SWAIN SIGN INC

ADJOINING PROPERTY FINDINGS

Date: **7/16/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 190413000027271
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GUADAGNO JOSEPH PAUL

Date: **6/4/2019**
Permit Type:
Description: **Plan Check T-MOBILE IS PROPOSING TO REMOVE AND REP**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 190161000011312
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: WALKER MICHAEL, ERICSSON INC, E U S INC, LAC ROOFING INC

Date: **1/18/2019**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 190411000002321
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NUWAVE INTERNATIONAL INDUSTRIES INC

ADJOINING PROPERTY FINDINGS

Date: **11/1/2018**
Permit Type:
Description: **Plan Check MODIFY (E) ROOFTOP WTF REMOVE AND REPLA**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Public Utilities
Permit Number: 180161000026761
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: NUWAVE INTERNATIONAL INDUSTRIES INC

Date: **7/5/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 180411000025022
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BRENNAN ELECTRICAL INC

Date: **4/18/2018**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 180412000014268
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GUADAGNO JOSEPH PAUL

ADJOINING PROPERTY FINDINGS

Date: **4/24/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 170411000013341
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JACK'S ELECTRIC

Date: **11/8/2016**
Permit Type:
Description: **Plan Check UPDATE 9TH FLOOR RESTROOMS TO BE FULLY**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 160161000020546
Status:
Valuation: $90,000.00
Contractor Company:
Contractor Name: CONSTRUCSHUN SOLUTIONS

Date: **10/5/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000035255
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SMART SYSTEMS TECHNOLOGIES INC

ADJOINING PROPERTY FINDINGS

Date: **4/8/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 160411000012391
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JACK'S ELECTRIC

Date: **2/17/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160469000000200
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: THYSSEN ELEVATOR COMPANY

Date: **10/9/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 150411000033703
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D S J ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **10/7/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 150417000033189
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A & L ELECTRIC INC

Date: **4/9/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150413000010569
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: 1 - STOP ELECTRICAL SERVICE

Date: **2/26/2015**
Permit Type:
Description: **Plan Check T-MOBILE PROPOSES TO INSTALL (3) NEW 6 T. ANTENNAS. T-MOBILE ALSO PROPOSES TO INSTALL (3) NEW RRU'S.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Public Utilities
Permit Number: 140161000024730
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: DIVERSIFIED COMMUNICATIONS SERVICES INC

ADJOINING PROPERTY FINDINGS

Date: **5/20/2014**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT - INSTALL 2 CIRCUITS FOR OUTLETS IN BATHROOM**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140412000013239
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ARNOLD'S REMODELING

Date: **5/20/2014**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT - 2 LAVS, 2 TOILETS**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 140422000009256
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ARNOLD'S REMODELING

Date: **12/3/2013**
Permit Type:
Description: **No Plan Check INSTALL CIRCUIT AND OUTLET**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130412000033313
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: H H S CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **1/15/2013**
Permit Type:
Description: **No Plan Check (1) 120V CIRCUIT FOR FUEL FAN GENERATOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000001051
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GAMEZ ELECTRIC

Date: **12/26/2012**
Permit Type:
Description: **No Plan Check Re-roof with Class A or B material weigh ing less than 6 pound per sq. ft. Valuation to be verified by inspector.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 120162000025732
Status:
Valuation: $38,000.00
Contractor Company:
Contractor Name: TWINS ROOFING INCORPORATED

Date: **5/31/2012**
Permit Type:
Description: **No Plan Check Childrens festival 6/2/2012 from 12noon to 5pm**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 120419000012511
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLER DON

ADJOINING PROPERTY FINDINGS

Date:	**5/30/2012**
Permit Type:	
Description:	**Plan Check FOUR (4) NEW ILLUMINATED CHANNEL LETTER WALL SIGNS: (1) 3'-0" x 27'-4"; (1) 2'-0" x 16'-6"; (1) 3'-0" x 25'-3"; (1) 1'-6" AND 1'-6" x 10'-2" read as "CURACAO" AND LOGO.**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	120481000001130
Status:	
Valuation:	$19,348.00
Contractor Company:	
Contractor Name:	SIGN METHODS INC

Date:	**12/29/2011**
Permit Type:	
Description:	**No Plan Check SPECIAL EVENT 12/31/12-1/1/12 NEW YEARS FESTIVAL.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Special Equipment
Permit Number:	110411000027601
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MILLER DON

ADJOINING PROPERTY FINDINGS

Date: **11/8/2011**
Permit Type:
Description: **Plan Check REPLACE (E) ESCALATOR/STAIR AND ENLARGE (E) OPENING @ FIRST FLR LEADING TO BASEMENT TO (E) RETAIL.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 110162000018813
Status:
Valuation: $100,000.00
Contractor Company:
Contractor Name:

Date: **6/1/2011**
Permit Type:
Description: **No Plan Check Festival in rear parking lot Saturday 6/4 starting @ noon**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 110419000011191
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLER DON

Date: **12/22/2010**
Permit Type:
Description: **No Plan Check SPECIAL EVENT FOR NEW YEAR'S (12/31/10)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 100411000025436
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLER DON

ADJOINING PROPERTY FINDINGS

Date: **6/9/2010**
Permit Type:
Description: **No Plan Check SPECIAL EVENT IN REAR PARKING LOT 6/13/10.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 100412000010923
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLER DON

Date: **5/19/2010**
Permit Type:
Description: **No Plan Check MECHANICAL RIDES JUNE 13, 2010.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 100411000009409
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SWARTWOOD STEVEN

Date: **3/12/2010**
Permit Type:
Description: **No Plan Check REPLACE 2 URINALS**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 100429000004148
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RETROFIT EXPRESS INC

ADJOINING PROPERTY FINDINGS

Date: **6/11/2009**
Permit Type:
Description: **No Plan Check Installing 1 generator for special event in rear parking Lot off of Union Street.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 090419000010758
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J C ' S ELECTRICAL SERVICES

Date: **5/27/2009**
Permit Type:
Description: **No Plan Check Replace door edge 5100139405**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 090469000000708
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **3/4/2009**
Permit Type:
Description: **No Plan Check T.I. ADD FIRE ALARM DEVICES ON THE 9TH FLR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000003763
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SMART SYSTEMS TECHNOLOGIES INC

ADJOINING PROPERTY FINDINGS

Date: **11/13/2006**
Permit Type:
Description: **No Plan Check CONNECT TRAVELING CABLE & CIRCUITRY TO CONTROLLER FOR VCARD READER.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 060469100001262
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **9/27/2006**
Permit Type:
Description: **No Plan Check ADD DEVICES TO EXISTING FA SAFETY SYSTEM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000024232
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SIMPLEX GRINNELL L P

Date: **11/16/2004**
Permit Type:
Description: **No Plan Check MODERNIZATION FOR ELEV. #60083, #60084, #60085, AND #60086.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 040461000001115
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date:	**9/23/2004**
Permit Type:	
Description:	**Plan Check Used car sales using 9th floor office and 4 of excess parking spaces at the P-2 level. (No construction to be done)**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	040202000003443
Status:	
Valuation:	$301.00
Contractor Company:	
Contractor Name:	

Date:	**6/15/2004**
Permit Type:	
Description:	**No Plan Check CELLSITE. SUPPLEMENTAL PERMIT TO 04041-10000-02216 FOR CHANGE OF CONTRACTOR AND ADDITIONAL CIRCUITS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040411000102216
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	THOMPSON J ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**1/29/2004**
Permit Type:	
Description:	**Plan Check INSTALL 3 SECTORS OF ANTENNAS (4 ANTENNAS PER SECTOR W/ 12 TOTAL) BEHIND FRP. SCREEN (11 FT. HIGH), & 4 BTS UNITS ON PLATFORM UNIT ABOVE EXIST'G ROOF FOR "CINGULAR WIRELESS"**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Public Utilities
Permit Number:	030161000019277
Status:	
Valuation:	$60,000.00
Contractor Company:	
Contractor Name:	BROOKSTONE TELECOM

Date:	**1/29/2004**
Permit Type:	
Description:	**No Plan Check CELL SITE**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	040411000002216
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BROOKSTONE TELECOM

ADJOINING PROPERTY FINDINGS

Date: **10/9/2003**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT FOR CHANGE OF CONTRACTOR FROM CENTRAL CONSTRUCTION TO HEA YOUN RO CONSTRUCTION. ORIGINAL PERMIT #03016-10000-14427.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 030161000114427
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RO HAE YOUN

Date: **10/9/2003**
Permit Type:
Description: **No Plan Check relocate and reinstall existing shelfs and show case**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 030419000023379
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: M & M ELECTRIC

Date: **9/3/2003**
Permit Type:
Description: **No Plan Check RELOCATE 40 FIRE SPRINKLER HEADS (1 TO 1)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 030432000001950
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TRADE FIRE PROTECTION GROUP

ADJOINING PROPERTY FINDINGS

Date: **8/25/2003**
Permit Type:
Description: **Plan Check T.I. - REMODEL EXISTING ELECTRONIC RETAIL STORE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 030161000014427
Status:
Valuation: $13,000.00
Contractor Company:
Contractor Name: CENTRAL CONSTRUCTION

Date: **3/26/2003**
Permit Type:
Description: **No Plan Check EXTEND ELECTRICAL OUTLET**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 030413000006535
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: REYES FREDDY ELECTRICAL CONTRACTOR

Date: **3/25/2003**
Permit Type:
Description: **No Plan Check FILM DATE(S): 3/20/03 5AM-10PM**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 030411000006289
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **2/18/2003**
Permit Type:
Description: **No Plan Check RELOCATE 1 FLOOR SINK.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030422000004920
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CORREA PLUMBING

Date: **11/5/2002**
Permit Type:
Description: **No Plan Check INST'L COKE MACHINE POWER**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 020411000024648
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SOLAR ELECTRIC CONSTRUCTION

Date: **9/10/2002**
Permit Type:
Description: **No Plan Check INSTALL 2HP COMPRESSOR FOR WALK IN COOLER.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 020443000008736
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUPER COOL REFRIGERATION

ADJOINING PROPERTY FINDINGS

Date: **4/16/2002**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT FOR 01044-20000-06852. 3 EXTRA TRIPS.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 010441000106852
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ENVIRONMENTAL COMFORT SYSTEMS

Date: **4/9/2002**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 01042*30000*11981, FOR EXTRA TRIP, PER CORRECTION NOTICE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 010421000111981
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: P D PLUMBING

Date: **4/9/2002**
Permit Type:
Description: **No Plan Check TELEPHONE WORK (CAMPERO).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 020411000007300
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EASTERN ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**4/4/2002**
Permit Type:	
Description:	**No Plan Check Additions of Door contacts, preamps and hold up button to existing security system**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	020419000006970
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ALL-PRO TECH SECURITY

Date:	**3/12/2002**
Permit Type:	
Description:	**Plan Check PROPOSED (3) 5'-10" X 8' ILLUMINATED CABINET SIGNS: "POLLO CAMPERO"**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	020481000000372
Status:	
Valuation:	$4,500.00
Contractor Company:	
Contractor Name:	EXPRESS SIGN & NEON

ADJOINING PROPERTY FINDINGS

Date: **3/8/2002**
Permit Type:
Description: **Plan Check INSTALL 12 A.S. IN GREASE DUCTWORK (HOOD IS PROTECTED BY DRY-CHEMICAL SYSTEM). GREASE DUCTWORK HAS PRECIPITATOR AND DISCHARGES TO THE SIDE OF THE EXIS. HIGHRISE BUILDING.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 020432000000572
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TRADE FIRE PROTECTION GROUP

Date: **3/1/2002**
Permit Type:
Description: **Plan Check ELECT PLAN CHECK AND PUBLIC SAFETY PERMIT FOR 17 F.A. DEVICES, 1 FAP PNL, AND 1 HR WITNESS TEST. 1ST FLR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 020412000004322
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SIMPLEX GRINNELL L P

ADJOINING PROPERTY FINDINGS

Date: **2/6/2002**
Permit Type:
Description: **Plan Check RESTAURANT WITH VENTLESS HOODS AND AIR CONDITIONING.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 010442000006852
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ENVIRONMENTAL COMFORT SYSTEMS

Date: **1/23/2002**
Permit Type:
Description: **Plan Check INSTALL NEW PLUMBING IN A COMMERCIAL KITCHEN UNDER TENANT IMPROVEMENT.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 010423000011981
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: P D PLUMBING

Date: **1/9/2002**
Permit Type:
Description: **No Plan Check T.I. WORK**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 020411000000579
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EASTERN ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **1/7/2002**
Permit Type:
Description: **Plan Check Convert 56' x 59' from retail to restauraunt at southwest corner of lot.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail Restaurant
Permit Number: 010161000014210
Status:
Valuation: $92,000.00
Contractor Company:
Contractor Name: CAL-CITY CONSTRUCTION

Date: **11/20/2001**
Permit Type:
Description: **Plan Check TENENT IMPROVEMENT IN A HIGHRISE BLDG.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 010432000003048
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TRADE FIRE PROTECTION GROUP

Date: **9/10/2001**
Permit Type:
Description: **No Plan Check FIRE ALARM**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 010411000018915
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J T ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **6/22/2001**
Permit Type:
Description: **No Plan Check REPLACE HOIST ROPES(42-13105); elevator #'s 60086 & 60084**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 010467000000635
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLAR ELEVATOR SERVICE CO

Date: **3/16/2001**
Permit Type:
Description: **No Plan Check MOVIE SHOOT 3/15-16/01**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 010411000005375
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/1/2000**
Permit Type:
Description: **No Plan Check FIRE LIFE SAFETY, ADDING 74 DEVICES TO EXISTING DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 000411000010886
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D C ASSOCIATES

ADJOINING PROPERTY FINDINGS

Date: **5/31/2000**
Permit Type:
Description: **No Plan Check REPLACE HOIST CABLES. 2 ELEV. (42-13105)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 000461000000425
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLAR ELEVATOR SERVICE CO

Date: **1/14/2000**
Permit Type:
Description: **No Plan Check INSTALL 6 LIGHT CIRCUITS**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000000855
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J T ELECTRIC

Date: **1/12/2000**
Permit Type:
Description: **Plan Check UPGRADE ELEVATOR LOBBIES PER HIGH-RISE RETROFIT ORD. ADDING SMOKE HATCH TO (E) STAIRWELL ('1625' ONLY)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 990161000022559
Status:
Valuation: $40,000.00
Contractor Company:
Contractor Name: INTERSCAPE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **10/29/1999**
Permit Type:
Description: **No Plan Check GENERATOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000021540
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLER DON

Date: **9/23/1999**
Permit Type:
Description: **No Plan Check SEPT 26, 1999**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 990411000018845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DODGE D C ELECTRIC

Date: **5/10/1999**
Permit Type:
Description: **Plan Check (3) wall signs to read "LA CURACAO"**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 990482000000765
Status:
Valuation: $7,100.00
Contractor Company:
Contractor Name: BANG FRANK YUI DON

ADJOINING PROPERTY FINDINGS

Date: **4/8/1999**
Permit Type:
Description: **No Plan Check INSTALL (7) RECESS LIGHT, AND (6) UNDERGROUND LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990412000006350
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BENDAVID AVI

Date: **4/1/1999**
Permit Type:
Description: **Plan Check INSTALL NEW 2 DUMBWAITER.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 990461000000241
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TARGET ELEVATOR

Date: **3/29/1999**
Permit Type:
Description: **Plan Check REMOD STOREFRONT OF RETAIL (steel framing only. No fiberglass sculptures included in this scope of work)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 990161000004573
Status:
Valuation: $70,000.00
Contractor Company:
Contractor Name: S E S INVESTMENT INC

ADJOINING PROPERTY FINDINGS

Date: **3/18/1999**
Permit Type:
Description: **Plan Check CONSTRUCT EXTERIOR DECORATIVE STEP WALL AT EAST & SOUTH SIDE OF EXTERIOR WALLS OF BUILDING- 36"MAX HEIGTH & 100' LONG.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 990161000004743
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: S E S INVESTMENT INC

Date: **3/12/1999**
Permit Type:
Description: **Plan Check 13' HIGH FREE STANDING SHELVING APPROX 65' LONG**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 980161000022567
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: INTERSCAPE CONSTRUCTION

Date: **3/11/1999**
Permit Type:
Description: **Plan Check REMOVE EXISTING 24-INCH HIGH PLANTER WALL (120' LONG) ABOVE BASEMENT AREA.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office Retail
Permit Number: 990161000004066
Status:
Valuation: $1,500.00
Contractor Company:
Contractor Name: S E S INVESTMENT INC

ADJOINING PROPERTY FINDINGS

Date: **3/1/1999**
Permit Type:
Description: **Plan Check BACKFILL OF RETAINING WALL MAX 30 CY/ 90% COMPACTION REQ'D**

Permit Description: **Grading**
Work Class:
Proposed Use: Commercial Grading Non-Hill
Permit Number: 990301000000446
Status:
Valuation: $30.00
Contractor Company:
Contractor Name: INTERSCAPE CONSTRUCTION

Date: **2/26/1999**
Permit Type:
Description: **No Plan Check INSP. HUERTA ORDER#23063**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000003640
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J C AIR INC

Date: **12/30/1998**
Permit Type:
Description: **Plan Check NEW HYDRO-ELECTRIC ELEVATORS: ONE PASSENGER & ONE FREIGHT**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 980461000000933
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TARGET ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **11/19/1998**
Permit Type:
Description: **No Plan Check 4 card reader installation (5200007093) gearless passenger elevators**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 980465000000820
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLAR ELEVATOR SERVICE CO

Date: **11/10/1998**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980412000025077
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BRITTON GREG ELECTRIC

Date: **11/2/1998**
Permit Type:
Description: **Plan Check LASER LIGHTING PLATFORM IN RETAIL DEPARTMENT STORE SUSP. FROM. STR. FLOOR ABOVE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 980161000021561
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: INTERSCAPE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **10/29/1998**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL, BASEMENT T.I**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000118760
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BRITTON GREG ELECTRIC

Date: **10/28/1998**
Permit Type:
Description: **Plan Check SUPPLEMENTAL PERMIT TO 98016-10000-22523 TO ADD STORAGE RACKS 80 LBS/SHELF MAX PER 4' SECTION AT 1ST LEVEL TV WALL (88'-0" IN LENGTH AND MAX 8'-0" HIGH)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 980161000122523
Status:
Valuation: $3,500.00
Contractor Company:
Contractor Name: PACIFIC STORE DESIGN

ADJOINING PROPERTY FINDINGS

Date: **10/23/1998**
Permit Type:
Description: **Plan Check STORAGE RACKS: 80 LBS/SHELF MAX PER 4' SECTION. MAX HEIGHT=8'-0" LENGTH=300' AT FIRST FLOOR & LENGTH=96'-0" AT BASEMENT**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 980161000022523
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: PACIFIC STORE DESIGN

Date: **10/20/1998**
Permit Type:
Description: **No Plan Check VOICE & DATA, GR. FLR. & BASEMENT**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000023395
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: NEXT COMMUNICATION

Date: **10/20/1998**
Permit Type:
Description: **No Plan Check SPECIAL EVENT 1 - 35 KW GENERATOR 10-25-98**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 980412000023468
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: POWER PLUS TEMPORARY UTILITY SERVICES

ADJOINING PROPERTY FINDINGS

Date: **10/6/1998**
Permit Type:
Description: **Plan Check TI - 1ST FLOOR.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 980431000002496
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: WORLD FIRE PROTECTION INC

Date: **10/6/1998**
Permit Type:
Description: **No Plan Check INSTALL FOUR JANUS UNITS (4 GEARLESS PASSENGER ELEVATORS)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 980465000000686
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLAR ELEVATOR SERVICE CO

Date: **9/24/1998**
Permit Type:
Description: **No Plan Check SPECIAL EVENT. 2 GENERATORS & 100 AMP. DIST. PANEL**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 980412000021350
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: POWER PLUS TEMPORARY UTILITY SERVICES

ADJOINING PROPERTY FINDINGS

Date: **9/24/1998**
Permit Type:
Description: **Plan Check DEPARTMENT STORE EXPANSION "LA CURACAO"**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980413000018760
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BRITTON GREG ELECTRIC

Date: **9/22/1998**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT FIRE ALARM PLAN CHECK AND ONE HOUR WITNESS TEST FOR THE GROUND FLOOR AND BASEMENT**

Permit Description: **Electrical**
Work Class:
Proposed Use: Public Safety Only
Permit Number: 980411000020901
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D C ASSOCIATES

Date: **9/22/1998**
Permit Type:
Description: **Plan Check TI LA CURACAO ON GROUND FLOOR PRV NOT REQUIRED, PRESSURE LESS THAN 80 PSI INTO BUILDING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980422000012146
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ALL AREA PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **9/15/1998**
Permit Type:
Description: **No Plan Check CARNIVAL, SEPT 17-28, 1998**

Permit Description: **Electrical**
Work Class:
Proposed Use: Special Equipment
Permit Number: 980411000020297
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D AND S ELECTRIC

Date: **9/14/1998**
Permit Type:
Description: **No Plan Check 101 DIFFUSSERS**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 980441000007874
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CONTROL AIR CONDITIONING CORPORATION

Date: **9/11/1998**
Permit Type:
Description: **Plan Check CHANGE USE: (55,650 sf) PORTION OF OFFICE SPACE TO RETAIL SPACE. TENANT IMPROVEMENT: PARTITIONS, CEILING, STAIRWAY / ELEVATOR SHAFTS.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 980161000017487
Status:
Valuation: $75,000.00
Contractor Company:
Contractor Name: INTERSCAPE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**8/10/1998**
Permit Type:	
Description:	**Plan Check DEMOLITION & EARLY START PERMIT AT GROUND FLOOR AND BASEMENT LEVEL.MODIFICATION TO DELAY DAD UPGRADES UNTIL T.I. PERMIT IS OBTAINED.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Retail
Permit Number:	980161000015686
Status:	
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	UNIVERSAL CONCRETE BREAKERS INC

Date:	**7/22/1998**
Permit Type:	
Description:	**Plan Check NEW CHANNEL WALL SIGN 6' X 57' TO BE INSTALLED ON ROOF TOP EQUIPMENT SCREEN WALL ON EAST SIDE OF EXISTING 8-STORY BUILDING.**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	980481000001144
Status:	
Valuation:	$8,500.00
Contractor Company:	
Contractor Name:	SUPERIOR ELECTRICAL ADVERTISING

ADJOINING PROPERTY FINDINGS

Date: **6/11/1998**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO (LA03T-3787)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 980431000001410
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: WORLD FIRE PROTECTION INC

Date: **12/15/1997**
Permit Type:
Description: **No Plan Check Install 8 400W 277 volt floods on parking level P-4. Approved by FY.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000021016
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J T ELECTRIC

Date: **11/14/1997**
Permit Type:
Description: **No Plan Check Provide receptacles around perimeter of building for Christmas lights (roof and street level). Approved by NM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000019189
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J T ELECTRIC

ADJOINING PROPERTY FINDINGS

1625 W OLYMPIC BLVD

Date: **7/20/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170411000024546
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ELECTRICAL SECURE INNOVATIONS

Date: **12/19/2016**
Permit Type:
Description: **Plan Check Supplemental permit to 16016-10000-2054**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 160161000320546
Status:
Valuation: $2,000.00
Contractor Company:
Contractor Name: CONSTRUCSHUN SOLUTIONS

Date: **12/2/2016**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000041570
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CONSTRUCSHUN SOLUTIONS

ADJOINING PROPERTY FINDINGS

Date: **11/28/2016**
Permit Type:
Description: **Plan Check SUPPLEMENTAL-16016-10000-20546 PERMIT T**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 160161000120546
Status:
Valuation: $501.00
Contractor Company:
Contractor Name: CONSTRUCSHUN SOLUTIONS

Date: **11/28/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 160421000025604
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CONSTRUCSHUN SOLUTIONS

Date: **11/1/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160413000038746
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **10/20/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000135255
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SMART SYSTEMS TECHNOLOGIES INC

Date: **8/29/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160412000115241
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

Date: **8/5/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 160422000016135
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **8/5/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160442000008966
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

Date: **7/28/2016**
Permit Type:
Description: **Plan Check SUPPLEMENTAL TO 1616-10000-01447 ADD FU**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 160161000101447
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

Date: **6/3/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 160439000002570
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OMEGA FIRE PROTECTION INC

ADJOINING PROPERTY FINDINGS

Date: **5/25/2016**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160412000015241
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

Date: **3/30/2016**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT TO (E) OFFICE (3,28**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 160161000001447
Status:
Valuation: $110,000.00
Contractor Company:
Contractor Name: BUTEL CONSTRUCTION INC

Date: **2/12/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160469000000176
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **3/25/2014**
Permit Type:
Description: **No Plan Check INSTALL ADDITIONAL FIRE ALARM DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000007957
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SMART SYSTEMS TECHNOLOGIES INC

Date: **3/20/2014**
Permit Type:
Description: **Plan Check REMOVING EXISTING PENDANTS AND REPLACIN WITH NEW UPRIGHTS.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 140431000000987
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C J SUPPRESSION INC

ADJOINING PROPERTY FINDINGS

Date:	**3/20/2014**
Permit Type:	
Description:	**Plan Check T.I TO REFLECT NEW CEILINGS AND CHANGES IN PARTITIONS. ADDED SPRINKLERS UNDER NEW CEILING IN CORRIDOR, RE-CONFIGURED SPRINKLERS IN RESTROOM**
Permit Description:	**Fire Sprinkler**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140431000100546
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	C J SUPPRESSION INC

Date:	**3/18/2014**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT #14042-10000-033 6 TO RELOCATE (3) TOILETS & (2) URINALS FOR ADA. RERUN (E) WATER LINES. CHANGE FROM GAL TO COPPER 6TH FLOOR. ADD (3) SINKS.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140421000103306
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MASON V R INC

ADJOINING PROPERTY FINDINGS

Date: **3/4/2014**
Permit Type:
Description: **No Plan Check INSTALL OUTLETS FROM (E) CIRCUITS**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140412000005522
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BRANOVER CONTRACTORS INC

Date: **2/26/2014**
Permit Type:
Description: **No Plan Check T.I IMPROVEMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000005300
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MASON V R INC

Date: **2/26/2014**
Permit Type:
Description: **No Plan Check RELOCATING FIXTURES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 140421000003306
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MASON V R INC

ADJOINING PROPERTY FINDINGS

Date: **2/26/2014**
Permit Type:
Description: **No Plan Check REPLACE REGISTERS. ADD 1-TON CONTAINED IN SERVER ROOM.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 140441000001601
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MASON V R INC

Date: **2/19/2014**
Permit Type:
Description: **No Plan Check ADD 15-AMP CIRCUIT AND (1) 120V TWIST L CK OUTLET TO EXISTING PANEL IN TELCO ROOM**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140417000004535
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: H H S CONSTRUCTION INC

Date: **2/18/2014**
Permit Type:
Description: **Plan Check ADD 38 AND RELOCATE 82 FIRE SPRINKLERS N COMMERCIAL OFFICE BUILDING.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 140431000000546
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C J SUPPRESSION INC

ADJOINING PROPERTY FINDINGS

Date: **2/7/2014**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT FOR PORTION OF VACAN 6TH FLOOR TO INCLUDE NEW BUILD-OUT OF SUITE 600, NEW RESTROOMS (ADA COMPLIANT), NEW PARTITIONS AND FINISHES.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 130161000023880
Status:
Valuation: $320,000.00
Contractor Company:
Contractor Name: CONSTRUCTION SOLUTIONS

Date: **12/11/2013**
Permit Type:
Description: **No Plan Check NEW ATM 20 AMP DEDICATED OUTLET**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000034460
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OWENS ELECTRIC

Date: **11/18/2013**
Permit Type:
Description: **Plan Check REPLACE (E) SINGLE ATM UNIT W/ DOUBLE AT M UNIT**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 130163000015250
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name: CONSTRUCTION INSTALLATION MAINTENANCE GROUP INC

ADJOINING PROPERTY FINDINGS

Date: **11/2/2010**
Permit Type:
Description: **Plan Check T/I AT BANK OF AMERICA (GROUND FLOOR)**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 100431000002384
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: LINK-NILSEN CORPORATION

Date: **9/15/2010**
Permit Type:
Description: **Plan Check INSTALL BULLET RESISTANT GLASS WALLS ON TOP OF (E) TELLER LINE IN BANK**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 100161000008985
Status:
Valuation: $19,350.00
Contractor Company:
Contractor Name: ARMSTRONG JOHN CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **5/20/2009**
Permit Type:
Description: **No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090421000402071
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CLARK RONALD CONSTRUCTION

Date: **5/8/2009**
Permit Type:
Description: **No Plan Check T.I. ADD DEVICES TO THE 9TH FLOOR CORRIDOE & RESTROOMS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000008471
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SMART SYSTEMS TECHNOLOGIES INC

ADJOINING PROPERTY FINDINGS

Date:	**4/15/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090421000302071
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

Date:	**4/8/2009**
Permit Type:	
Description:	**Plan Check Supplemental permit to collect additional fees for heads that are to be relocated. Orginal permit is good for up to 25 sprinklers. This permit is to collect the difference.**
Permit Description:	**Fire Sprinkler**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090431000200575
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCENT FIRE PROTECTION

ADJOINING PROPERTY FINDINGS

Date:	**4/7/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090411000102230
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

Date:	**4/3/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090411000203763
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SMART SYSTEMS TECHNOLOGIES INC

ADJOINING PROPERTY FINDINGS

Date: **4/1/2009**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #09041-10000-03763 FOR CHANGE OF ADDRESS FROM 1605 W. OLYMPIC BLVD. 9TH FLR. TO 1625 W. OLYMPIC BLVD. 9TH FLR. #900**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000103763
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SMART SYSTEMS TECHNOLOGIES INC

Date: **4/1/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENT PERMIT FOR EXTRA TRIP.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 090431000100575
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCENT FIRE PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **3/13/2009**
Permit Type:
Description: **Plan Check T.I. for an existing comercial building for the 9th floor. Adding. Relocating existing sprinklers and adding 15 new sprinkler heads.**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 090431000000575
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCENT FIRE PROTECTION

Date: **3/9/2009**
Permit Type:
Description: **No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090421000202071
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CLARK RONALD CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**3/5/2009**
Permit Type:	
Description:	**No Plan Check 24 DATA AND 31 VOICE CABLING.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090413000003851
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	POPPE DANIEL A ELECTRICAL CONTRACTING

Date:	**2/27/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090421000102071
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**2/19/2009**
Permit Type:	
Description:	**No Plan Check CHANGE DRAIN AND VENT. INSTALL BACK FLOW PREVENTER DEVICE. (REFERENCE TO PERMIT # 09044-10000-01188 FOR 2ND TRADE).**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090421000002671
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

Date:	**2/19/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090441000101188
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**2/11/2009**
Permit Type:	
Description:	**No Plan Check DUCT CHANGE. REFERENCE W/ PERMIT #09042-10000-02071 FOR 2ND TRADE.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090441000001188
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

Date:	**2/6/2009**
Permit Type:	
Description:	**No Plan Check TENANT IMPROVEMENT. INSTALL SWITCHES, OUTLETS & LIGHTS FIXTURES. 1 OF 2 (09042-10000-02071).**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090411000002230
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**2/6/2009**
Permit Type:	
Description:	**No Plan Check TENANT IMPROVEMENT. INSTALL PLUMBING FIXTURES & (1) DRINKING FOUNTAIN. 2 OF 2 (09041-10000-02230).**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090421000002071
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

Date:	**1/21/2009**
Permit Type:	
Description:	**Plan Check CHANGE OF USE FROM OFFICE TO TRADE EDUCATION; RENOVATION OF EXISTING OFFICE- TI TO INCLUDE: NEW OFFICE, CLASSROOMS(ADULT EDUCATION)& 2 SINGLE ACCOMMODATION RESTROOMS ON 1/3 OF THE 9TH FLOOR. (THE REMAINING WILL CONTINUE TO OPERATE AS OFFICES.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office School
Permit Number:	080161000019329
Status:	
Valuation:	$220,000.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**2/21/2008**
Permit Type:	
Description:	**Plan Check 3 illum chan ltr wall signs 2 @ 18' x 40", 1@90 3/8"'x 16.74" ; all reads "Bank of America", 12 watts per sf max lighting power allowed.**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	070481000001571
Status:	
Valuation:	$3,200.00
Contractor Company:	
Contractor Name:	COAST SIGN INCORPORATED

Date:	**1/23/2008**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL TO PERMIT 07016-10000-10386 FOR A CHANGE OF CONTRACTOR FROM METRO COMMERCIAL BUILDERS TO RON CLARK CONSTRUCTION.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	070161000110386
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CLARK RONALD CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **10/15/2007**
Permit Type:
Description: **No Plan Check INSTALL (2) NEW MAGNETIC DOOR HOLDERS TO (E) F/A SYSTEM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000024981
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GENTECH CONTROLS

Date: **9/17/2007**
Permit Type:
Description: **Plan Check New rated doors & partition to elevator lobby on parking level (P4).**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 070161000010386
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: METRO COMMERCIAL BUILDERS INC

Date: **11/13/2006**
Permit Type:
Description: **No Plan Check CONNECT TRAVELING CABLE & CIRCUITRY TO CONTROLLER FOR VCARD READER.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 060469100001261
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **12/1/2004**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 04046-91000-01113 FOR (3) ELEVATOR MODERNIZATION. (ELEVATOR STATE #50882, 50883 & 50884)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 040461000101113
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **11/16/2004**
Permit Type:
Description: **No Plan Check MODERNIZATION. (0010-85133). (elevator state #50881)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 040469100001113
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **3/15/2004**
Permit Type:
Description: **No Plan Check ADD (2) 15CD STROBES, (1) CD HORN STROBE & (1) RELAY BASE SMOKE DETECTOR FOR EXHAUST SHUT DOWN. (10TH FLOOR)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000006129
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SIMPLEX GRINNELL L P

ADJOINING PROPERTY FINDINGS

Date:	**1/18/2002**
Permit Type:	
Description:	**No Plan Check CEDES EDGES ON (4) ELEVATORS (ELEVATOR STATE #50881, 50882, 50883 & 50884)**
Permit Description:	**Elevator**
Work Class:	
Proposed Use:	Commercial
Permit Number:	020461000000070
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MILLAR ELEVATOR SERVICE CO

Date:	**9/12/2001**
Permit Type:	
Description:	**No Plan Check INSTALL TRAVELING CABLES FOR CARD READER AND WIRE INTERFACE CAR # 1, 2 (# 520-34413).**
Permit Description:	**Elevator**
Work Class:	
Proposed Use:	Commercial
Permit Number:	010461000000926
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MILLAR ELEVATOR SERVICE CO

ADJOINING PROPERTY FINDINGS

Date:	**3/16/2000**
Permit Type:	
Description:	**Plan Check REMOVE (E) HIGH RISE SIGN AND REPLACE WITH 36' x 14'9" ILLUM. HIGH RISE SIGN. SIGN SHALL READ "BANK OF AMERICA" AND LOGO.**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	000481000000185
Status:	
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	ACME-WILEY CORPORATION OF CALIFORNIA

Date:	**1/14/2000**
Permit Type:	
Description:	**Plan Check REMOVE EXISTING CHANNEL LETTERS & REPLACE WITH (2) SETS ILLUM. CHANNEL LETTERS, 18'-6-3/8" X 2'-2-1/2", 49.37 S.F. AND (1) ILLUMINATED, SINGLE FACE CABINET WALL SIGN, 6'-8" X 1'-0", 6.75 S.F. SIGN TO READ "BANK OF ANERICA"**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	000481000000099
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	ACME-WILEY CORPORATION OF CALIFORNIA

ADJOINING PROPERTY FINDINGS

Date: **11/19/1998**
Permit Type:
Description: **No Plan Check 2 card reader installation (5200007093) geared passenger elevators**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 980465000000821
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MILLAR ELEVATORS

Date: **8/24/1998**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 980441000103134
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ARMSTRONG CONSTRUCTION

Date: **6/18/1998**
Permit Type:
Description: **Plan Check REMOVE 9 EXISTING "WELLS FARGO" WALL SIGNS AND REPLACE WITH 5 WALL SIGNS FOR "BANK OF AMERICA"**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 980482000001121
Status:
Valuation: $22,000.00
Contractor Company:
Contractor Name: ELECTRONIC SIGN CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **5/12/1998**
Permit Type:
Description: **Plan Check Extend Fire Alarm into Tenant / FIRST FLOOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000008801
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SIMPLEX TIME RECORDER CO

Date: **4/21/1998**
Permit Type:
Description: **No Plan Check RE-OPEN BANK PERMIT APPROVED BY ENG EM**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000007171
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: COMPETITION ELECTRIC

Date: **4/20/1998**
Permit Type:
Description: **Plan Check NEW WALLS & DOORS T.I. ON GROUND LEVEL(2ND FLOOR) OF EXISTING BANK (6900 SQ FT). RTI FOR ERIC**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 980161000003371
Status:
Valuation: $172,500.00
Contractor Company:
Contractor Name: ARM-N-SON INCORPORATED

ADJOINING PROPERTY FINDINGS

Date: **4/20/1998**
Permit Type:
Description: **No Plan Check NEW ATM EQUIPMENT INCLUDING LIGHTS & SWITCHES**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980411000007081
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ARMSTRONG CONSTRUCTION

Date: **4/20/1998**
Permit Type:
Description: **No Plan Check T.I., HANDICAP TOILET PERMIT APPROVED BY ENG LESLIE A**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 980421000005008
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ARMSTRONG CONSTRUCTION

Date: **4/20/1998**
Permit Type:
Description: **No Plan Check PROVIDE 1 WINDOW A/C UNIT FOR ATM ROOM PERMIT APPROVED BY ENG MIKE SH**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 980441000003134
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ARMSTRONG CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **11/13/1996**
Permit Type:
Description: **1 FIRE ALARM DEVICE**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 960411000002345
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D C ASSOCIATES

1630 W OLYMPIC BLVD

Date: **7/7/2017**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170411000022848
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ON TARGET ELECTRIC INC

Date: **1/6/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160461000000016
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: G M S ELEVATOR SERVICES

ADJOINING PROPERTY FINDINGS

Date: **12/12/2012**
Permit Type:
Description: **No Plan Check INSTALLATION NEW PUMP UNIT. TO COMPLY W/ DEPT. ORDER DATED 06-25-07. PERMIT WILL EXPIRE 30 DAYS FROM ISSUANCE DATE.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 120461000001493
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: G M S ELEVATOR SERVICES

Date: **6/7/2002**
Permit Type:
Description: **No Plan Check APPLIANCE HOOK-UP.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 020421000015667
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHRIS PLUMBING SERVICE

Date: **6/7/2002**
Permit Type:
Description: **No Plan Check REPLACE BOILER VENT.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 020441000005579
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHRIS PLUMBING SERVICE

ADJOINING PROPERTY FINDINGS

Date: **6/7/2002**
Permit Type:
Description: **No Plan Check REPLACE 3(H) BOILER.**

Permit Description: **Pressure Vessel**
Work Class:
Proposed Use: Commercial
Permit Number: 020451000000274
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHRIS PLUMBING SERVICE

Date: **4/5/2002**
Permit Type:
Description: **No Plan Check GAS LINE**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 020421000008199
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: YOUSEN PLUMBING CO

Date: **4/3/2002**
Permit Type:
Description: **No Plan Check ELECTRICAL WORK/POWER EQUIP**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 020411000006859
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CRUZ & CRUZ ELECTRICAL

ADJOINING PROPERTY FINDINGS

Date: **2/5/2002**
Permit Type:
Description: **Plan Check INSTALL ONE WHEELCHAIR LIFT.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 020461000000117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SHIELD T L & ASSOCIATES

Date: **7/30/2001**
Permit Type:
Description: **Plan Check CHANGE OF USE FROM OFFICE TO OFFICE / RETAIL ON 1ST FLOOR AND OFFICE TO GARMENT MANUFACTURING ON 2ND FLR. WORK INCLUDES NON-BEARING PARTITIONS, STELL CON AND FDN AND 2ND FLOOR SLAB OPENING TO ALLOW FOR CONVEYOR ACCESS AND PKG AREA RESTRIPING FOR 3 H/C (PKG REQ'D=63, PKG PRVD=64)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office Manufacturing
Permit Number: 010161000004885
Status:
Valuation: $70,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1707 W OLYMPIC BLVD

Date:	**8/22/2003**
Permit Type:	
Description:	**Plan Check CHANGE OF USE. CONVERT GROUND FLOOR UNIT OF DUPLEX TO OFFICE (2,238 S.F.). (COMPLY TO ORDER TO COMPLY #188226)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Duplex Single Family Residence
Permit Number:	030161000007618
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	

1710 W OLYMPIC BLVD

Date:	**11/4/1998**
Permit Type:	
Description:	**Plan Check CHANGE OF CONTRACTOR TO OWNER-BUILDER ON PERMIT #97020-10000-03158 OK J MARTINEZ**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Misc. Bldg or Structure
Permit Number:	970201000203158
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **6/30/1998**
Permit Type:
Description: **Plan Check KOREAN CHURCH. THE 12 PANELS ARE IN THE DAYCARE CENTER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000013122
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HAN LIM CONSTRUCTION

Date: **4/8/1998**
Permit Type:
Description: **Plan Check NEW 8 FT BLOCKWALL PER ENGINEER'S DESIGN. 250 linear feet of block wall on the west side of the lot. 155 linear feet of block wall on the north side of the lot. 250 liner feet of wrought iron on the east side of the lot.**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Apartment Misc. Bldg or Structure
Permit Number: 970201000003158
Status:
Valuation: $15,000.00
Contractor Company:
Contractor Name: HAN LIM CONSTRUCTION

Date: **11/20/1997**
Permit Type:
Description: **Plan Check plan checked &permitted INSTALLING NEW HVAC SYSTEM IN TENT**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 970441000008391
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JOHN'S AIR

ADJOINING PROPERTY FINDINGS

1721 W OLYMPIC BLVD

Date:	**7/28/2005**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO 05044-10000-04489 FOR WALK-IN COOLER COMPRESSOR.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050441000104489
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TOTAL CONSTRUCTION

Date:	**7/8/2005**
Permit Type:	
Description:	**Plan Check 5'x 13' ILLUMINATED WALL SIGN, READS : "RODEO MEXICAN GRILL"**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	050481000001001
Status:	
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	MEGABRIGHT SIGNS

ADJOINING PROPERTY FINDINGS

Date:	**6/27/2005**
Permit Type:	
Description:	**Plan Check ENCLOSE 14' X 22' 6" SECTION AT SOUTH WEST CORNER (NO ROOF) AND INSTALL NEW ROLL UP DOORS. ADD 6' PARAPET- NORTH SIDE AND FRONT OF BUILDING (120' 0") ADD 5' X 8' 6" RECYCLING AREA AND 8' X 5' TRASH ENCLOSURE. (SEE COMMENTS)**
Permit Description:	**Bldg-Addition**
Work Class:	
Proposed Use:	Commercial Restaurant
Permit Number:	050141000004011
Status:	
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	

Date:	**5/10/2005**
Permit Type:	
Description:	**No Plan Check CIRCUITS FOR NEW KITCHEN HOODS FOR EXISTING RESTAURANT.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050411000010787
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TOTAL CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **5/10/2005**
Permit Type:
Description: **Plan Check PLAN CHECK & PERMIT FOR LOW PRESSURE GAS SYSTEM.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 050421000011493
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TOTAL CONSTRUCTION

Date: **5/10/2005**
Permit Type:
Description: **Plan Check PLAN CHECK & PERMIT FOR TWO HOODS, MTYPE1.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050441000004489
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TOTAL CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**3/30/2005**
Permit Type:	
Description:	**Plan Check TI INTERIOR NON-STRUCTURAL MINOR REMODELING (N) SHAFT 6 DUCT FOR EXHAUST OF NEW HOOD INSTALLATION, CREATE NEW OUTDOOR DINING UNDER ROOFED AREA (9' X22'), NEW WALK-IN COOLER AND INTERIOR NON-BEARING PARTITIONS. NO STRUCTRAL WORK.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Restaurant
Permit Number:	050161000001980
Status:	
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	JASSO'S CONSTRUCTION

Date:	**3/25/2005**
Permit Type:	
Description:	**No Plan Check NEW 200AMP SUB-PANEL W/ (20) 20AMPS BREAKERS, LIGHTS & REWIRING ALL BLDG. 3 OF 3 W/ # 05044-10000-02852.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050411000006708
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JASSO'S CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **3/25/2005**
Permit Type:
Description: **No Plan Check NEW HAND SINK, (2) 3-COMP SINK CHANGE OUT, (4) NEW GAS OUTLETS, (2) TOILETS CHANGE OUT, HAND SINKS CHANGE OUT, (2) NEW FLOOR DRAINS & REMOVE & REPLACE URINAL. 1 OF 3 W/ # 05041-10000-06708.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 050421000007347
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JASSO'S CONSTRUCTION

Date: **3/25/2005**
Permit Type:
Description: **No Plan Check VELOCITY TEST. 2 OF 3 W/ # 05042-10000-07347.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050441000002852
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: JASSO'S CONSTRUCTION

ADJOINING PROPERTY FINDINGS

1730 W OLYMPIC BLVD

Date:	**2/26/2016**
Permit Type:	
Description:	**Plan Check T.I FOR 3 three office rooms.(300 sq ft**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	160163000003928
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	

Date:	**12/17/2009**
Permit Type:	
Description:	**No Plan Check SUPPL. PERMIT TO PERMIT #09041-10000-19831 FOR (30) 20AMP CIRCUITS. (NO LIGHTING)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	090411000219831
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	TETZLAFF ROBERT ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **11/18/2009**
Permit Type:
Description: **No Plan Check Installation of low Voltage alarm system**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090419000022099
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D T SECURITY SERVICES INC

Date: **11/4/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL TO PERMIT #09041-10000-19831 TO CONDENSE WIRING INTO (1) SUB-PANEL & ADD (12) SWITCHES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000119831
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TETZLAFF ROBERT ELECTRIC

Date: **11/4/2009**
Permit Type:
Description: **No Plan Check INSTALL VOICE AND DATA CABLES**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090412000021110
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D E K COMMUNICATIONS INC

ADJOINING PROPERTY FINDINGS

Date: **11/3/2009**
Permit Type:
Description: **No Plan Check T.I. (2ND FLR. NORTH EAST)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000020914
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: G S FIRE TECHNOLOGY INC

Date: **10/19/2009**
Permit Type:
Description: **No Plan Check INSTALL (28) OUTLETS @ 4 CUBICLE SECTION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000019831
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: TETZLAFF ROBERT ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**10/8/2009**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT OF APPROXIMATELY 4,721 SQ.FT. OF OFFICE SPACE, DEMOLITION OF EXISTING WALLS; ADD NON-BEARING WALLS TO CREATE PRIVATE OFFICES, INCLUSIVE OF A CONFERENCE ROOM. NEW DEMISING WALL TO DIVIDE ONE TENANT SPACE INTO TWO. EXISTING CEILING TO REMAIN.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	090161000015062
Status:	
Valuation:	$140,000.00
Contractor Company:	
Contractor Name:	

Date:	**3/16/2009**
Permit Type:	
Description:	**No Plan Check SUPPLEMENTAL PERMIT TO PERMIT # 08041-30000-22577 TO ADD 24 CIRCUITS, NO LIGHTING.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080411000322577
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	IMAGINATION ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **2/19/2009**
Permit Type:
Description: **Plan Check INSTALL TWO ILLUMINATED CHANNEL LETTERS WALL SIGNS.**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 090481000000090
Status:
Valuation: $12,000.00
Contractor Company:
Contractor Name: TURBO SIGN INC

Date: **2/9/2009**
Permit Type:
Description: **No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 080421000820487
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CENTRAL PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**2/4/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080421000620487
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CENTRAL PLUMBING

Date:	**2/4/2009**
Permit Type:	
Description:	**No Plan Check SUPPL. PERMIT TO PERMIT #08042-10000-20487 FOR REPLACEMENT OF FIXTURES AND (1) ELECT. WATER HEATER.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080421000720487
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CENTRAL PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**2/2/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080421000520487
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CENTRAL PLUMBING

Date:	**1/30/2009**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080421000420487
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CENTRAL PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **1/26/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 08042-10000-20487 FOR ADDITION OF (3) MANHOLES FOR BACK-FLOW VALVES.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 080421000320487
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CENTRAL PLUMBING

Date: **12/22/2008**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT ON 1ST FLOOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080411000027406
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: G S FIRE TECHNOLOGY INC

Date: **12/22/2008**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 08041-10000-27406 FOR VOICE/DATA & CCTU.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080411000127406
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: G S FIRE TECHNOLOGY INC

ADJOINING PROPERTY FINDINGS

Date:	**12/18/2008**
Permit Type:	
Description:	**Plan Check SUPPLIMENTAL PERMIT TO ADD WALL DETAIL FOR THE MRI AND X RAY ROOMS.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office Office
Permit Number:	080161000113850
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	

Date:	**12/8/2008**
Permit Type:	
Description:	**No Plan Check Supplemental permit to collect fees for (1) additional inspection. This permit does not authorize any additional work or extend the expiration date of the original permit.**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	080421000220487
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CENTRAL PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **11/25/2008**
Permit Type:
Description: **Plan Check TI - Patient care area - X-Ray / MRI / exam romos - Permit is for new panels, new ckts, new equipment, new lighting fixtures. P/C is for Power and Energy.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080413000022577
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: IMAGINATION ELECTRIC

Date: **11/19/2008**
Permit Type:
Description: **Plan Check Revised water system. Added fixtures on first floor**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 080421000120487
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CENTRAL PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **11/5/2008**
Permit Type:
Description: **Plan Check PLAN CHECK FOR WATER ONLY. EXISTING 2" WATER METER. NO BACK FLOWEQUIRED.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 080421000020487
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CENTRAL PLUMBING

Date: **11/3/2008**
Permit Type:
Description: **No Plan Check Relocation grill and T-start**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 080449000010852
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACE COOLING & HEATING CORPORATION

C.O. Issued Date: **5/6/2009**
Date: **10/23/2008**
Permit Type:
Description: **Plan Check CHANGE OF USE FROM BANK TO MEDICAL CLINIC; TI INTERIOR REMODELING,.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office Office
Permit Number: 080161000013850
Status:
Valuation: $175,000.00
Contractor Company:
Contractor Name: BOSSCON INC

ADJOINING PROPERTY FINDINGS

Date: **4/29/2008**
Permit Type:
Description: **No Plan Check MODERNIZATION CONTROLS & FIXTURES.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 080461000000679
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTHCOAST ELEVATOR & ESCALATOR CO INC

Date: **10/26/2007**
Permit Type:
Description: **Plan Check plan check for the water and sewer in an exising 6 story building where new bathrooms have been added on the 3rd and 4th floors (for correction call applicant on record richard)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 070421000116857
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T E CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **9/25/2007**
Permit Type:
Description: **No Plan Check Supplemental permit to collect fees for (1) Additional Inspection(s) per inspector. This permit does not authorize any additional work or extend the expiration date of the original permit.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000218978
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T E CONSTRUCTION CO

Date: **9/18/2007**
Permit Type:
Description: **Plan Check Supplemental permit to revise floor plans at 3rd and 4th floors, revise classroom size to 1630 sq.ft. @ 4th floor (A3- occupancy).**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 070162000110508
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: PHILMONT MANAGEMENT INC

ADJOINING PROPERTY FINDINGS

Date: **9/17/2007**
Permit Type:
Description: **No Plan Check T.I. FIRE ALARM ON THE 3RD AND 4TH FLRS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000022656
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: G S FIRE TECHNOLOGY INC

Date: **9/17/2007**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT TO 07041-10000-18978 FOR VOICE & DATA.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000118978
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T E CONSTRUCTION CO

Date: **8/3/2007**
Permit Type:
Description: **No Plan Check T.I. ON THE 3RD AND 4TH FLRS. (NO LIGHTING)**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000018978
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T E CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

Date: **8/3/2007**
Permit Type:
Description: **No Plan Check T.I. ON THE 3RD AND 4TH FLRS. TO INCLUDE 1 1/2" WATER SERVICE. (2 OF 2 W/ PERMIT #07044-10000-08170)**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 070421000016857
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T E CONSTRUCTION CO

Date: **8/3/2007**
Permit Type:
Description: **No Plan Check T.I. ON THE 3RD AND 4TH FLRS. (1 OF 2 W/ PERMIT #07042-10000-16857)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000008170
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: T E CONSTRUCTION CO

ADJOINING PROPERTY FINDINGS

C.O. Issued Date: **5/21/2008**
Date: **8/1/2007**
Permit Type:
Description: **Plan Check TI AND CHG OF USE FROM OFFICE TO MEDICAL OFFICE /TRADE SCHOOL 3RD AND 4TH FLOORS.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office Office
Permit Number: 070162000010508
Status:
Valuation: $500,000.00
Contractor Company:
Contractor Name: PHILMONT MANAGEMENT INC

Date: **6/17/2003**
Permit Type:
Description: **No Plan Check INSTALLED AIR COMPRESSOR FOR HVAC**

Permit Description: **Pressure Vessel**
Work Class:
Proposed Use: Commercial
Permit Number: 030451000000283
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **9/6/2001**
Permit Type:
Description: **No Plan Check NEW CIRCUITS FOR FURNITURE FEEDS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 010411000018674
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **4/11/2001**
Permit Type:
Description: **No Plan Check ADDITIONAL CIRCUITS TO FEED MODULAR FUNITURE. (5TH FLOOR).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 010411000004196
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **3/13/2001**
Permit Type:
Description: **No Plan Check low voltage telephone cable**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 010413000004900
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

Date: **6/29/2000**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA, C76889-90 (CITY NATIONAL BANK).**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 000461000000523
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **8/9/1999**
Permit Type:
Description: **No Plan Check INSTALL LOW VOLTGE TELEPHONE WIRE**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990413000015411
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME CABLE NETWORK

Date: **8/3/1999**
Permit Type:
Description: **No Plan Check DUCTWORK ALTERATION**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 990442000006843
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: K & S AIR CONDITIONING

Date: **7/26/1999**
Permit Type:
Description: **No Plan Check RELOCATE LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000014384
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

Date:	**7/15/1999**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT - NEW INTERIOR PARTIITONS AND FINISHES (RENOVATION) 11288 SF**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	990161000011718
Status:	
Valuation:	$240,000.00
Contractor Company:	
Contractor Name:	WARNER CONSTRUCTORS

Date:	**1/2/1998**
Permit Type:	
Description:	**No Plan Check INSTALL L.A. CITY APPROVED HOISTWAY DOOR INTER-LOCKS ON THE HOISTWAY DOORS OF ALL SIX (6) LANDINGS ON TWO (2) ELEVATORS. ST#45571-45572**
Permit Description:	**Elevator**
Work Class:	
Proposed Use:	Commercial
Permit Number:	980461000000001
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date:	**11/3/1997**
Permit Type:	
Description:	**No Plan Check INSTALL THE OTIS LAMBDA II INFRA-RED DOOR PROTECTION SYSTEM IN THE #1 & #2 ELEVATORS. ST#45571-45572**
Permit Description:	**Elevator**
Work Class:	
Proposed Use:	Commercial
Permit Number:	970461000000631
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	OTIS ELEVATOR

Date:	**7/28/1997**
Permit Type:	
Description:	**No Plan Check OBTAIN ELECTRICAL PERMIT RECEPTACLES PER INSPECTOR HUERTA ON 4TH FLOOR - PHASE I - CNB. WORKSHEET APPROVED BY MANNY A.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	970411000011337
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ANGELES ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **7/28/1997**
Permit Type:
Description: **No Plan Check OBTAIN ELECTRICAL PERMIT RECEPTACLES AND LIGHTS PER INSPECTOR HUERTA ON PHASE II - 4TH FLOOR CNB.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000011340
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANGELES ELECTRIC

Date: **5/22/1997**
Permit Type:
Description: **No Plan Check ALTER EXISTING DUCT SYSTEM -CHANGE GRILL REGISTERS**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 970443000003052
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AR AIR CONDITIONING

ADJOINING PROPERTY FINDINGS

Date: **5/20/1997**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT T-7884 INSTALLING BATT. PACK EXIT SIGNS & EM. FIX BATT PACKS ON PHASE ONE AND TWO @ 4TH FLR. APPL APPROVED BY ENGR MIKE LEE**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000103984
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANGELES ELECTRIC

Date: **4/30/1997**
Permit Type:
Description: **Plan Check REMODEL OFFICE 4TH FLOOR. Variance to separate the fire alarm plans has been approved on 04-02-97.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000003984
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANGELES ELECTRIC

ADJOINING PROPERTY FINDINGS

Date:	**4/17/1997**
Permit Type:	
Description:	**No Plan Check INSTALLING REC. W/I.G. W/10 BRANCH CKT-20A-120V. 1ST FLR CNB**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	970411000004815
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ANGELES ELECTRIC

Date:	**4/14/1997**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT AT 4TH FLOOR EXISTING OFFICE NEW WALLS (EXISTING CEILINGS)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	970162000007496
Status:	
Valuation:	$102,000.00
Contractor Company:	
Contractor Name:	WATERS L E CONSTRUCTION

ADJOINING PROPERTY FINDINGS

1800 W OLYMPIC BLVD

Date: **8/10/2017**
Permit Type:
Description: **Plan Check REPAIR BUILDING ENTRANCE WALK WAY AT EX**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 160161000029431
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: SOS - RETAIL CONSTRUCTION SERVICES LLC

Date: **11/3/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000039103
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DH CONSTRUCTION

Date: **11/3/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 160421000024042
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: DH CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **10/28/2016**
Permit Type:
Description: **Plan Check TI - INTERIOR NON-STRUCTURAL REMODEL AT**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Retail
Permit Number: 160161000011138
Status:
Valuation: $40,000.00
Contractor Company:
Contractor Name: DOPPS CONSTRUCTION INC

Date: **10/20/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160442000012120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: GREENHILL AIR INC

Date: **10/18/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160412000036869
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RUSH ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **9/15/2016**
Permit Type:
Description: **Plan Check New illuminated wall sign (42.5 ft X 3**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 160481000002087
Status:
Valuation: $8,000.00
Contractor Company:
Contractor Name: SWAIN SIGN INC

Date: **8/16/2011**
Permit Type:
Description: **No Plan Check Install 20 amp circuit for DVD machine**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110419000017262
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ALL CITY ELECTRIC

Date: **10/22/2009**
Permit Type:
Description: **No Plan Check 2 Orginal hand sinks**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090429000018922
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PLUMBING CONNECTION THE

ADJOINING PROPERTY FINDINGS

Date: **10/20/2009**
Permit Type:
Description: **No Plan Check Replace water heater**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090429000018707
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PLUMBING CONNECTION THE

Date: **10/5/2009**
Permit Type:
Description: **No Plan Check Floor Drain & Trap Primer**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090429000017695
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PLUMBING CONNECTION THE

Date: **7/23/2009**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT FOR CHANGE OF ADDRESS FROM 1818 W. OLYMPIC BLVD.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090422000111901
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MAINTCO CORP

ADJOINING PROPERTY FINDINGS

Date: **3/23/2009**
Permit Type:
Description: **No Plan Check Adding (4) dedicated circuits.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090417000005043
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: P R CONSTRUCTION INC

Date: **3/23/2009**
Permit Type:
Description: **No Plan Check Relocate employee handwash sink.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090427000004495
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: P R CONSTRUCTION INC

Date: **6/27/2008**
Permit Type:
Description: **No Plan Check INSTALL LOW VOLTAGE CABELING FOR ACCESS CONTROL SYSTEM & CAMERAS FOR "HERBALIFE" . FLRS. 4-5**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080412000014561
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A D T SECURITY SERVICES INC

ADJOINING PROPERTY FINDINGS

Date: **7/21/2005**
Permit Type:
Description: **Plan Check REMOVE & REPLACE BLDG FACIA ON KIOSK BLDG.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Gas Service Station
Permit Number: 050161000008829
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: SOUTHERN LIGHTING & GRAPHICS

Date: **7/21/2005**
Permit Type:
Description: **Plan Check REMOVE & REPLACE CANOPY FACIA.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Gas Service Station
Permit Number: 050161000008831
Status:
Valuation: $25,000.00
Contractor Company:
Contractor Name: SOUTHERN LIGHTING & GRAPHICS

Date: **7/21/2005**
Permit Type:
Description: **Plan Check REMOVE / REPLACE 11' X 2' 22 S.F. ILLUM. WALL SIGN ON KIOSK.**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 050481000000668
Status:
Valuation: $2,500.00
Contractor Company:
Contractor Name: SOUTHERN LIGHTING & GRAPHICS

ADJOINING PROPERTY FINDINGS

Date:	**7/21/2005**
Permit Type:	
Description:	**Plan Check INSTALL TWO (2) 2'-9" DIAMETER (5.94 SQ.FT EACH) ILLUM. LOGO SIGN ON CANOPY.**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	050481000000671
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	SOUTHERN LIGHTING & GRAPHICS

1818 W OLYMPIC BLVD

Date:	**2/14/2013**
Permit Type:	
Description:	**Plan Check 2 WALL SIGNS INT. ILLUM CHANNEL LETTERS: (3' X 14') FACING OLYMPIC BLVD. & (2'-4" X 22') FACING BURLINGTON AVE.**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	130481000000334
Status:	
Valuation:	$5,500.00
Contractor Company:	
Contractor Name:	MASTER DESIGN

ADJOINING PROPERTY FINDINGS

Date: **7/15/2009**
Permit Type:
Description: **No Plan Check INSTALL HAND SINK.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 090422000011901
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MAINTCO CORP

Date: **2/27/1998**
Permit Type:
Description: **No Plan Check ADD 20 AMP CIRCUIT FOR COLD COFFEE MACHINE 7-11 STORE**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 980412000003384
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ALLIED INTERSTATE DEVELOPMENT CORPORATION

Date: **12/2/1997**
Permit Type:
Description: **Plan Check INSTALL ATM WALL SIGN USE EXISTING POWER SOURCE . <EXTERIOR SIGN 4FT X 2.5 FT >**

Permit Description: **Sign**
Work Class:
Proposed Use: Onsite Signs
Permit Number: 970481000001800
Status:
Valuation: $768.75
Contractor Company:
Contractor Name: W C C S

ADJOINING PROPERTY FINDINGS

Date:	**9/4/1997**
Permit Type:	
Description:	**No Plan Check INSTALL 6 NEW RECEPTACLES USING EXISTING CIRCUITS PERMIT APPROVED BY ENG NM**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	970411000013735
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	D E ELECTRIC

1830 W OLYMPIC BLVD

Date:	**7/9/2019**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Plumbing**
Work Class:	
Proposed Use:	Commercial
Permit Number:	190429000016261
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	EVOLUTION ENERGY SOLUTIONS L L C, EVOLUTION PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **8/28/2014**
Permit Type:
Description: **No Plan Check MODERNIZATION**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 140461000001233
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: D & G ELEVATOR COMPANY INC

Date: **1/2/2014**
Permit Type:
Description: **No Plan Check INSTALL (1) 120V CIRCUIT FOR 15AMP RECE TACLE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000000032
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: J M COMMUNICATIONS INC

Date: **12/18/2006**
Permit Type:
Description: **No Plan Check REPAIR CONDUIT ON ROOF. (RENEW PERMIT #97041-10000-12256).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000031106
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: KIM YOUNG RAI

ADJOINING PROPERTY FINDINGS

Date: **6/29/2006**
Permit Type:
Description: **No Plan Check REPAIR EXTERIOR WALL DAMAGED BY CAR ACCIDENT. DAMAGE REPAIR IS LESS THAN 10%.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 060161000012695
Status:
Valuation: $9,000.00
Contractor Company:
Contractor Name:

Date: **2/9/2001**
Permit Type:
Description: **No Plan Check EARTHQUAKE VALVE.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 010421000002176
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ROYAL S N PLUMBING

Date: **8/11/1997**
Permit Type:
Description: **No Plan Check 3 NEW ROOF TOP 10-TON UNITS AND 1 5-TON CONDENSER UNIT #123 PERMIT APPROVED BY ENG EA**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000012256
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A & M SERVICE CENTER

ADJOINING PROPERTY FINDINGS

Date: **8/11/1997**
Permit Type:
Description: **No Plan Check CHANGING 3 GAS ELECTRIC UNITS AND ONE CONDENSER ON ROOF PERMIT APPROVED BY ENG. BRM**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 970441000005125
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: A & M SERVICE CENTER

Date: **1/8/1997**
Permit Type:
Description: **No Plan Check ADD T-BAR CEILING TO WORK PERMITTED BY 96LA52628**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 960165000007125
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: PETRA MIDWAY CONSTRUCTION CO

Date: **11/18/1996**
Permit Type:
Description: **EXTEND TRACK LIGHTING STE# 123**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 960411000002662
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SHIN JEA CHUN

ADJOINING PROPERTY FINDINGS

1833 W OLYMPIC BLVD

Date:	**4/27/2000**
Permit Type:	
Description:	**Plan Check CHANGE OF USE FROM OFFICE TO RESTAURANT 990 SQ. FT. (P) RESTAURANT TO BECOME PART OF (E) ADJOINING RESTAURANT. INCREASE OCCUPANCY TO 96.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office Restaurant
Permit Number:	000161000003095
Status:	
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	KIM DOUGLAS YOUNG

W OLYMPIC BLVD # 417

1801 W OLYMPIC BLVD # 417

Date:	**3/15/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Pressure Vessel**
Work Class:	
Proposed Use:	Commercial
Permit Number:	180459000000065
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MESA ENERGY SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **10/25/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170419000038450
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **1/16/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170419000001363
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160441000012972
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **1/13/2017**
Permit Type:
Description: **Plan Check EXPAND EXISTING CONCRETE PAD TO PROVIDE**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 170161000000770
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **7/12/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000024379
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **4/29/2016**
Permit Type:
Description: **Plan Check NEW VERTICAL LIFT GATE, NEW FENCING AND**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 150201000003137
Status:
Valuation: $100,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **4/19/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160469000000542
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

Date: **11/6/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000037470
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **10/19/2015**
Permit Type:
Description: **Plan Check PC FOR POWER. ADDING ONE 1200A DISTRIBU**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000029311
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **9/18/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000030895
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **9/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000009506
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **9/9/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 150461000001335
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **8/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000027644
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

Date: **8/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000026535
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **7/28/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000015117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

ADJOINING PROPERTY FINDINGS

Date: **7/16/2015**
Permit Type:
Description: **Plan Check NON STRUCTURAL TI TO AN EXISTING OFFICE SUITE; FURR WALLS; EXISTING T BAR CEILING GRID TO REMAIN; REMODEL (E) RESTROOMS TO FULLY COMPLY WITH TITLE 24 REGULATIONS <<GROUND FLOOR >>**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000011005
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **7/15/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **7/10/2015**
Permit Type:
Description: **Plan Check Supplemental to 15016-10000-05259 to en lose openings (MINOR T.I.), change fire rating, to no rated, of wall separating server and office area and to include restroom upgrade.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000105259
Status:
Valuation: $501.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **7/9/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013958
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **6/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000006186
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**6/17/2015**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	150411000018881
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**6/11/2015**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT ON SUITE 417 (3,129 Q FT), NEW FULL HEIGHT NON BEARING INTERIOR PARTITIONS, DOOR AND GLASS SIDELIGHT. EXISTING CEILING TO REMIAN.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	150161000005259
Status:	
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/11/2015**
Permit Type:
Description: **Plan Check T.I. NEW RAISED ACCESS FLOORING IN OFFI E INTERIOR (WITH MODIFICATION FOR LARR #23025)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000010952
Status:
Valuation: $30,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **6/11/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000011751
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006960
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000133419
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150422000002774
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: O'MARA THOMAS W PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**12/19/2014**
Permit Type:	
Description:	**Plan Check TI to existing commercial office space. Existing lighting in open office area, plan check for energy in newly divided/enclosed spaces. All loads on new panel schedule indicated as receptacle and appliance loads less than 25 kVA.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140412000028026
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**12/11/2014**
Permit Type:	
Description:	**No Plan Check T.I. 2ND FLOOR COPY ROOM (2) FAN COILS, (3) COMB. FIRE SMK, (2) DUCT. DETECTORS.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140441000012410
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**12/3/2014**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: RELOCAT NG 2 DEVICES. SCOPE OF WORK: 527 SQ. FT.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140411000033419
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**11/25/2014**
Permit Type:	
Description:	**Plan Check T. I. TO EXISTING OFFICE : NEW INTERIO NON BEARING WALLS ; DOOR AND GLASS SIDE-LIGHTS MINOR CEILING PANELS ; ACCESSIBLE MENS & WOMENS RESTROOMS ; FINISHES .**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	140161000023176
Status:	
Valuation:	$70,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**8/20/2013**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (1) NEW DEVICE. (2ND FLOOR PROCUREMENT STORAGE)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	130411000022549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**8/14/2013**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weigh ing less than 6 pound per sq. ft. "Cool Roof" may be required per Title 24, Part 6, Section 149(b), labeled and certified by CRRC per Section 10-111. (20,000SQS)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	130161000016603
Status:	
Valuation:	$190,000.00
Contractor Company:	
Contractor Name:	BLIGH PACIFIC

ADJOINING PROPERTY FINDINGS

Date: **7/24/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (223) NEW DEVICES. FOR 2ND FLR SERVER & PRINTER ROOM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000019639
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/8/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (4) NEW DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000011927
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/6/2013**
Permit Type:
Description: **No Plan Check INSTALL NEW VAV BOX AND GRILLS ON 3RD FL R**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 130442000004612
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C E MECHANICAL INC

ADJOINING PROPERTY FINDINGS

Date: **11/20/2012**
Permit Type:
Description: **No Plan Check Replace door edge.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 120469000001389
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

C.O. Issued Date: **8/11/2012**
Date: **1/23/2012**
Permit Type:
Description: **Plan Check TWO CONCRETE PADS, ONE FOR GENERATOR, ON E FOR MANUAL TRANSFER SWITCH & ADD 5 ADA PARKING STALLS**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial
Permit Number: 110201000002197
Status:
Valuation: $200,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**1/12/2012**
Permit Type:	
Description:	**Plan Check Revision to previously approved plans. No change in lighting. No loads added to system, just relocated to different distribution boards. Electrical systems only.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000111900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**1/6/2012**
Permit Type:	
Description:	**Plan Check NEW CONCRETE FOUNDATION PAD (2'-10" x 3 '-4") AND ANCHORAGE FOR EQUIPMENT.**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	Commercial
Permit Number:	120201000000016
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **11/17/2011**
Permit Type:
Description: **No Plan Check Install hydrogen detectors & panel for battery storage room.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110419000024642
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BEAR CONTRACTORS INC

Date: **11/7/2011**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #11041-10000-17845 FOR (9) ADDITIONAL FA DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110411000117845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date:	**10/25/2011**
Permit Type:	
Description:	**Plan Check CLOSE OUT OPENING (26" x 26") AND CUT OUT NEW OPENING (26" x 26") ADJACENT FOR THE INSTALLATION OF DUCT WORK FOR (E) EXHAUST FAN AT ROOFTOP OF (E) OFFICE BUILDING.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	110161000020449
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	M D L CONSTRUCTION INC

Date:	**8/23/2011**
Permit Type:	
Description:	**No Plan Check FIRE SUPPRESSION.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110411000017845
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date:	**8/18/2011**
Permit Type:	
Description:	**Plan Check PLAN CHECK POWER FOR UPS SYSTEM REPLACEMENT AND UPGRADE. NO NEW LOAD ADDED. NON-LIFE SAFETY EQUIPMENT. Plan check for power and energy.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000011900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**8/5/2011**
Permit Type:	
Description:	**No Plan Check T.I. CITY NATIONAL BANK (2) AIR COND UNITS (1) GEN EXH FAN (3) CFSD.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110441000008869
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/4/2011**
Permit Type:
Description: **Plan Check ADD NON-BEARING PARTITIONS TO AN (E) MECHANICAL ROOM**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 110161000014861
Status:
Valuation: $9,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

Date: **3/23/2010**
Permit Type:
Description: **No Plan Check Replace hoist ropes on car #2. 5100152076**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 100469000000316
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **12/23/2009**
Permit Type:
Description: **Plan Check TI IN AN EXISTING BANK. PLAN CHECK IS FOR REPLACING EXISTING EQUIPMENT AND ADDING NEW EQUIPMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090413000016681
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **12/9/2009**
Permit Type:
Description: **Plan Check STRENGTHENING OF ROOF STRUCTURE TO SUPPORT REPLACEMENT HVAC UNIT. (5,000 lbs)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 090161000016466
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: SOUTH COAST INC

Date: **10/8/2009**
Permit Type:
Description: **Plan Check AC SYSTEM REPLACE FOR SERVER ROOM...**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 090443000008139
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **10/1/2009**
Permit Type:
Description: **No Plan Check FIRE ALARM MODIFICATION**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000018375
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date:	**6/11/2008**
Permit Type:	
Description:	**Plan Check BANNER 7' H X 14' W - TEMPORARY SIGN "GRAND OPENING JUNE 27-29" JUNE 11 TO JULY 10**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	080481000001013
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

Date:	**6/6/2008**
Permit Type:	
Description:	**No Plan Check (2) IN-DUCT SMOKE DETECTORS W/CONTROL RELAYS & AUXILIARY RELAY MODULES FOR SHUTDOWN OF SMOKE FIRE DAMPERS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	080411000012806
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **5/1/2008**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT # 07044-10000-07823 TO ADD 4 FIRE DAMPER AND 1 SMOKE TEST. (4THFLR)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000107823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **4/18/2008**
Permit Type:
Description: **No Plan Check T.I. 4TH FLOOR LOBBY.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 080441000003985
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **2/15/2008**
Permit Type:
Description: **No Plan Check LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080411000003517
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **1/22/2008**
Permit Type:
Description: **Plan Check SUPPLEMENTAL PERMIT FOR 06016-10000-10746: TO REPLACE ONE EXISTING 3' X 6'8" DOOR WITH 20 MINUTES FIRE-RATED 4'X6'8" DOOR WITH REQUIRED HARDWARE. REPLACE EXISTING CEILING AT THE ELEVATOR VESTIBULE AREA WITH T-BAR CEILING, AND TO EXTEND (E) FIRE-RATED PATITIONS TO UPPER DECK.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 060161000110746
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: EVANS & SON INC

Date: **11/21/2007**
Permit Type:
Description: **No Plan Check INSTALL (16) NEW LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000028185
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **7/26/2007**
Permit Type:
Description: **No Plan Check T.I. ON 4TH FLR- CITY NATIONAL BANK.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000007823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **7/3/2007**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE AND FM 200 FIRE SUPPRESSION SYSTEM CONVERSION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000016120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **5/23/2007**
Permit Type:
Description: **Plan Check T-24 and Emergency lighting for a remodeled portion of the 4th floor.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070413000012072
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**11/8/2006**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT- ADD NON BEARING WALLS TO CREATE OFFICE SPACES, EXTEND 1-HOUR CORRIDOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	060161000010746
Status:	
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

Date:	**8/30/2006**
Permit Type:	
Description:	**Plan Check Install 14 illuminated signs 1) 66"x24'4 1/8" "Sport Chalet" 2) 57"x21'0" "Sport Chalet" 3) 45 9/16" x 16' 9 9/16" "Sport Chalet" 4) 18"x5' 11 1/2" "Golf" 5) 18"x8'0 13/16" "Hiking" 6) 18"x8' 5 1/8" "Tennis" 7) 18"x9' 2 15/16" " Fishing" 8) 18"x7' 10 5/8" "Scuba" 9) 18"x10' 8 1/4" "Camping" 10) 18"x 7' 11" "Skiing" 11) 18"x 10' 1 3/16" "Cycling" 12) 18"x23' 7 1/2" "Parking in rear" 13) 66" x 24'4**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	060482000001455
Status:	
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

ADJOINING PROPERTY FINDINGS

Date: **3/30/2006**
Permit Type:
Description: **No Plan Check Support numerous existing raceways, light fixtures, cables in existing T-bar Ceiling. Inspection and approval to comply with Condemnation Order #RS01140.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060419000007762
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C S I ELECTRICAL CONTRACTORS INC

Date: **2/23/2006**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000004801
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **10/7/2005**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA 3D. ELEVATOR STATE # 51808.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000001149
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **6/29/2005**
Permit Type:
Description: **No Plan Check Phase 3 - Add panels and transformer and feed furniture cubicles with circuits**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 050419000015549
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

Date: **6/17/2005**
Permit Type:
Description: **No Plan Check modification on the air conditionin distribution**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050449000005942
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUMMER SYSTEMS

Date: **5/13/2005**
Permit Type:
Description: **No Plan Check REPLACE HOIST ROPES (STATE # 81808)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000000562
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date:	**4/26/2005**
Permit Type:	
Description:	**No Plan Check LIGHT FIXTURES, RECEPTACLES & SWITCHES.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050411000009549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MENNE ELECTRIC

Date:	**4/25/2005**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT ON GROUND FLOOR OF (E) OFFICE/BANK: (N) INTERIOR NON-BEARING WALLS AND CEILING GRID TO RECONFIGURE FRONT CHECK COURIER AND CREATE OFFICE AREAS. ENCLOSE 9' X 18'-8" PORTION OF FRONT ENTRANCE.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	050161000005204
Status:	
Valuation:	$85,500.00
Contractor Company:	
Contractor Name:	EVANS & SON

ADJOINING PROPERTY FINDINGS

Date: **2/16/2005**
Permit Type:
Description: **Plan Check CHANGE OF STRUCTURAL DETAIL, PER ENGINEER.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000102857
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/25/2004**
Permit Type:
Description: **Plan Check EXTEND TWO EGRESS CORRIDORS AT GROUND FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000002857
Status:
Valuation: $35,000.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/19/2004**
Permit Type:
Description: **No Plan Check ADD LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000026306
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **8/13/2003**
Permit Type:
Description: **No Plan Check REPLACE LAWN SPRINKLER SYS. AND HEADS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030421000025485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHONWALD LANDSCAPE DESIGNS INC

Date: **1/3/2001**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA. ELEVATOR STATE# 51808 & 51809. INVESTIGATION FEE COLLECTED.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 010461000000003
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check TENANT/OFFICE REMODEL.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000020289
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check 1 ADD, ALTER, REPAIR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000008485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

Date: **9/29/2000**
Permit Type:
Description: **Plan Check T.I. REMOVE & ADD NON-STRUCTURAL INTERIOR PARTITION FOR PRIVATE OFFICES 2830 SQ. FT. NO NEW CEILING GRID**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000018392
Status:
Valuation: $70,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **9/8/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000018507
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

ADJOINING PROPERTY FINDINGS

Date: **7/10/2000**
Permit Type:
Description: **No Plan Check INSTALL TEMP. EMT ON OUTSIDE SCAFFOLD. INSTALL 4 CIRCUITS &16 LIGHT FIXTURES TO ILLUMINATE OUTSIDE OF SCAFFOLD AREA (SIDEWALK-PARKING LOT).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000013653
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **5/23/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE TELEPHONE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000010258
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

Date: **5/15/2000**
Permit Type:
Description: **No Plan Check NEW BRANCH CIRCUITS. RELOCATE 15 LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000009547
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **4/19/2000**
Permit Type:
Description: **No Plan Check NEW PLUMBING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000422000005877
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANDERSEN COMMERCIAL PLUMBING

Date: **4/17/2000**
Permit Type:
Description: **No Plan Check INSTALL WISE I/G OUTLETS FOR OFFICE EQUIP. & LUNCH ROOM VENDING MACHINES 16-CIRCUITS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000007434
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **4/11/2000**
Permit Type:
Description: **No Plan Check T.I. @ 3RD FLOOR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000003077
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

ADJOINING PROPERTY FINDINGS

Date: **4/4/2000**
Permit Type:
Description: **Plan Check adding a sprinkler on top of the grease duct, off of the existing wet standpipe system, building not sprinklered, fire department required the sprinkler**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 000431000000897
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AXIS FIRE PROTECTION

Date: **4/3/2000**
Permit Type:
Description: **Plan Check T.I. AT (E) OFFICE SPACE. NON-BR PARTITION, CEILING, UPGRADE RESTRM. FOR FULL DAS COMPLIANCE AT 3RD FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000004384
Status:
Valuation: $128,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **3/30/2000**
Permit Type:
Description: **Plan Check new type I hood and make up air unit over existing cooking equipment**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000002724
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

ADJOINING PROPERTY FINDINGS

Date: **3/27/2000**
Permit Type:
Description: **No Plan Check INSTALL KITCHEN EXHAUST FAN & HOOD. 2 MOTORS AND 1 CIRCUIT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000005770
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **2/16/2000**
Permit Type:
Description: **No Plan Check INSTALL GREASE INTERCEPTOR**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000421000002540
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C H STONE PLUMBING CO INC

Date: **2/15/2000**
Permit Type:
Description: **Plan Check SAW CUT TWO NEW OPENINGS 14" x 14" ON ROOF, ONE NEW 2-HR SHAFT FOR HOOD DUCT, NEW COOKING HOOD.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Restaurant
Permit Number: 000161000002556
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

ADJOINING PROPERTY FINDINGS

Date: **1/11/2000**
Permit Type:
Description: **No Plan Check add 3 seperate circuits for 3 outlets**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000000510
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **12/28/1999**
Permit Type:
Description: **No Plan Check T.I. EXTEND EXH, DUCT,**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 990441000011238
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

Date: **11/30/1999**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT, CHANGE OF CONTRACTOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000222835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **11/23/1999**
Permit Type:
Description: **No Plan Check REDISTRIBUTE FEEDERS ON 1ST AND 4TH FLOORS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000023276
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HALCO ELECTRIC

Date: **11/17/1999**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT. ADDING NEW CIRCUITS, PANELBOARD & TRANSFORMER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990412000022835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

Date: **5/18/1999**
Permit Type:
Description: **No Plan Check WIRE 3 PHASE MOTER 480 VOLTS W/120V CONTROL FOR WATER TANK**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000009283
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

Date:	**10/10/1997**
Permit Type:	
Description:	**No Plan Check REROOF, 300 SQS, BUILT UP 4 PLY, 72# CAP, CLASS "B" MIN.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	970161000023562
Status:	
Valuation:	$7,300.00
Contractor Company:	
Contractor Name:	MICHAELS ROOFING COMPANY

Date:	**5/29/1997**
Permit Type:	
Description:	**No Plan Check DIESEL TANK REPLACEMENT/EXTERIOR TANK PERMIT APPROVED BY ENG;EA**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	970411000007584
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	FLETCHER ENVIRONMENTAL

ADJOINING PROPERTY FINDINGS

W OLYMPIC BLVD FL 2

1801 W OLYMPIC BLVD FL 2

Date:	**3/15/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Pressure Vessel**
Work Class:	
Proposed Use:	Commercial
Permit Number:	180459000000065
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MESA ENERGY SYSTEMS INC

Date:	**10/25/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170419000038450
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **1/16/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170419000001363
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160441000012972
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check EXPAND EXISTING CONCRETE PAD TO PROVIDE**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 170161000000770
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **7/12/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000024379
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **4/29/2016**
Permit Type:
Description: **Plan Check NEW VERTICAL LIFT GATE, NEW FENCING AND**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 150201000003137
Status:
Valuation: $100,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **4/19/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160469000000542
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **11/6/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000037470
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **10/19/2015**
Permit Type:
Description: **Plan Check PC FOR POWER. ADDING ONE 1200A DISTRIBU**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000029311
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **9/18/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000030895
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

ADJOINING PROPERTY FINDINGS

Date: **9/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000009506
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **9/9/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 150461000001335
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

Date: **8/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000027644
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **8/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000026535
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **7/28/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000015117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **7/16/2015**
Permit Type:
Description: **Plan Check NON STRUCTURAL TI TO AN EXISTING OFFICE SUITE; FURR WALLS; EXISTING T BAR CEILING GRID TO REMAIN; REMODEL (E) RESTROOMS TO FULLY COMPLY WITH TITLE 24 REGULATIONS <<GROUND FLOOR >>**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000011005
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **7/15/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **7/10/2015**
Permit Type:
Description: **Plan Check Supplemental to 15016-10000-05259 to en lose openings (MINOR T.I.), change fire rating, to no rated, of wall separating server and office area and to include restroom upgrade.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000105259
Status:
Valuation: $501.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **7/9/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013958
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000006186
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **6/17/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000018881
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **6/11/2015**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT ON SUITE 417 (3,129 Q FT), NEW FULL HEIGHT NON BEARING INTERIOR PARTITIONS, DOOR AND GLASS SIDELIGHT. EXISTING CEILING TO REMIAN.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000005259
Status:
Valuation: $120,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/11/2015**
Permit Type:
Description: **Plan Check T.I. NEW RAISED ACCESS FLOORING IN OFFI E INTERIOR (WITH MODIFICATION FOR LARR #23025)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000010952
Status:
Valuation: $30,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **6/11/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000011751
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006960
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000133419
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150422000002774
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: O'MARA THOMAS W PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**12/19/2014**
Permit Type:	
Description:	**Plan Check TI to existing commercial office space. Existing lighting in open office area, plan check for energy in newly divided/enclosed spaces. All loads on new panel schedule indicated as receptacle and appliance loads less than 25 kVA.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140412000028026
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**12/11/2014**
Permit Type:	
Description:	**No Plan Check T.I. 2ND FLOOR COPY ROOM (2) FAN COILS, (3) COMB. FIRE SMK, (2) DUCT. DETECTORS.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140441000012410
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**12/3/2014**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: RELOCAT NG 2 DEVICES. SCOPE OF WORK: 527 SQ. FT.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140411000033419
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**11/25/2014**
Permit Type:	
Description:	**Plan Check T. I. TO EXISTING OFFICE : NEW INTERIO NON BEARING WALLS ; DOOR AND GLASS SIDE-LIGHTS MINOR CEILING PANELS ; ACCESSIBLE MENS & WOMENS RESTROOMS ; FINISHES .**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	140161000023176
Status:	
Valuation:	$70,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**8/20/2013**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (1) NEW DEVICE. (2ND FLOOR PROCUREMENT STORAGE)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	130411000022549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**8/14/2013**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weigh ing less than 6 pound per sq. ft. "Cool Roof" may be required per Title 24, Part 6, Section 149(b), labeled and certified by CRRC per Section 10-111. (20,000SQS)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	130161000016603
Status:	
Valuation:	$190,000.00
Contractor Company:	
Contractor Name:	BLIGH PACIFIC

ADJOINING PROPERTY FINDINGS

Date: **7/24/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (223) NEW DEVICES. FOR 2ND FLR SERVER & PRINTER ROOM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000019639
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/8/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (4) NEW DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000011927
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/6/2013**
Permit Type:
Description: **No Plan Check INSTALL NEW VAV BOX AND GRILLS ON 3RD FL R**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 130442000004612
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C E MECHANICAL INC

ADJOINING PROPERTY FINDINGS

Date: **11/20/2012**
Permit Type:
Description: **No Plan Check Replace door edge.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 120469000001389
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

C.O. Issued Date: **8/11/2012**
Date: **1/23/2012**
Permit Type:
Description: **Plan Check TWO CONCRETE PADS, ONE FOR GENERATOR, ON E FOR MANUAL TRANSFER SWITCH & ADD 5 ADA PARKING STALLS**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial
Permit Number: 110201000002197
Status:
Valuation: $200,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**1/12/2012**
Permit Type:	
Description:	**Plan Check Revision to previously approved plans. No change in lighting. No loads added to system, just relocated to different distribution boards. Electrical systems only.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000111900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**1/6/2012**
Permit Type:	
Description:	**Plan Check NEW CONCRETE FOUNDATION PAD (2'-10" x 3 '-4") AND ANCHORAGE FOR EQUIPMENT.**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	Commercial
Permit Number:	120201000000016
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **11/17/2011**
Permit Type:
Description: **No Plan Check Install hydrogen detectors & panel for battery storage room.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110419000024642
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BEAR CONTRACTORS INC

Date: **11/7/2011**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #11041-10000-17845 FOR (9) ADDITIONAL FA DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110411000117845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date:	**10/25/2011**
Permit Type:	
Description:	**Plan Check CLOSE OUT OPENING (26" x 26") AND CUT OUT NEW OPENING (26" x 26") ADJACENT FOR THE INSTALLATION OF DUCT WORK FOR (E) EXHAUST FAN AT ROOFTOP OF (E) OFFICE BUILDING.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	110161000020449
Status:	
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	M D L CONSTRUCTION INC

Date:	**8/23/2011**
Permit Type:	
Description:	**No Plan Check FIRE SUPPRESSION.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110411000017845
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date:	**8/18/2011**
Permit Type:	
Description:	**Plan Check PLAN CHECK POWER FOR UPS SYSTEM REPLACEMENT AND UPGRADE. NO NEW LOAD ADDED. NON-LIFE SAFETY EQUIPMENT. Plan check for power and energy.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000011900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**8/5/2011**
Permit Type:	
Description:	**No Plan Check T.I. CITY NATIONAL BANK (2) AIR COND UNITS (1) GEN EXH FAN (3) CFSD.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110441000008869
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/4/2011**
Permit Type:
Description: **Plan Check ADD NON-BEARING PARTITIONS TO AN (E) MECHANICAL ROOM**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 110161000014861
Status:
Valuation: $9,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

Date: **3/23/2010**
Permit Type:
Description: **No Plan Check Replace hoist ropes on car #2. 5100152076**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 100469000000316
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **12/23/2009**
Permit Type:
Description: **Plan Check TI IN AN EXISTING BANK. PLAN CHECK IS FOR REPLACING EXISTING EQUIPMENT AND ADDING NEW EQUIPMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090413000016681
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **12/9/2009**
Permit Type:
Description: **Plan Check STRENGTHENING OF ROOF STRUCTURE TO SUPPORT REPLACEMENT HVAC UNIT. (5,000 lbs)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 090161000016466
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: SOUTH COAST INC

Date: **10/8/2009**
Permit Type:
Description: **Plan Check AC SYSTEM REPLACE FOR SERVER ROOM...**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 090443000008139
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **10/1/2009**
Permit Type:
Description: **No Plan Check FIRE ALARM MODIFICATION**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000018375
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date:	**6/11/2008**
Permit Type:	
Description:	**Plan Check BANNER 7' H X 14' W - TEMPORARY SIGN "GRAND OPENING JUNE 27-29" JUNE 11 TO JULY 10**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	080481000001013
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

Date:	**6/6/2008**
Permit Type:	
Description:	**No Plan Check (2) IN-DUCT SMOKE DETECTORS W/CONTROL RELAYS & AUXILIARY RELAY MODULES FOR SHUTDOWN OF SMOKE FIRE DAMPERS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	080411000012806
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **5/1/2008**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT # 07044-10000-07823 TO ADD 4 FIRE DAMPER AND 1 SMOKE TEST. (4THFLR)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000107823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **4/18/2008**
Permit Type:
Description: **No Plan Check T.I. 4TH FLOOR LOBBY.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 080441000003985
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **2/15/2008**
Permit Type:
Description: **No Plan Check LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080411000003517
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **1/22/2008**
Permit Type:
Description: **Plan Check SUPPLEMENTAL PERMIT FOR 06016-10000-10746: TO REPLACE ONE EXISTING 3' X 6'8" DOOR WITH 20 MINUTES FIRE-RATED 4'X6'8" DOOR WITH REQUIRED HARDWARE. REPLACE EXISTING CEILING AT THE ELEVATOR VESTIBULE AREA WITH T-BAR CEILING, AND TO EXTEND (E) FIRE-RATED PATITIONS TO UPPER DECK.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 060161000110746
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: EVANS & SON INC

Date: **11/21/2007**
Permit Type:
Description: **No Plan Check INSTALL (16) NEW LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000028185
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **7/26/2007**
Permit Type:
Description: **No Plan Check T.I. ON 4TH FLR- CITY NATIONAL BANK.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000007823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **7/3/2007**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE AND FM 200 FIRE SUPPRESSION SYSTEM CONVERSION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000016120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **5/23/2007**
Permit Type:
Description: **Plan Check T-24 and Emergency lighting for a remodeled portion of the 4th floor.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070413000012072
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**11/8/2006**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT- ADD NON BEARING WALLS TO CREATE OFFICE SPACES, EXTEND 1-HOUR CORRIDOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	060161000010746
Status:	
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

Date:	**8/30/2006**
Permit Type:	
Description:	**Plan Check Install 14 illuminated signs 1) 66"x24'4 1/8" "Sport Chalet" 2) 57"x21'0" "Sport Chalet" 3) 45 9/16" x 16' 9 9/16" "Sport Chalet" 4) 18"x5' 11 1/2" "Golf" 5) 18"x8'0 13/16" "Hiking" 6) 18"x8' 5 1/8" "Tennis" 7) 18"x9' 2 15/16" " Fishing" 8) 18"x7' 10 5/8" "Scuba" 9) 18"x10' 8 1/4" "Camping" 10) 18"x 7' 11" "Skiing" 11) 18"x 10' 1 3/16" "Cycling" 12) 18"x23' 7 1/2" "Parking in rear" 13) 66" x 24'4**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	060482000001455
Status:	
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

ADJOINING PROPERTY FINDINGS

Date: **3/30/2006**
Permit Type:
Description: **No Plan Check Support numerous existing raceways, light fixtures, cables in existing T-bar Ceiling. Inspection and approval to comply with Condemnation Order #RS01140.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060419000007762
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C S I ELECTRICAL CONTRACTORS INC

Date: **2/23/2006**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000004801
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **10/7/2005**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA 3D. ELEVATOR STATE # 51808.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000001149
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **6/29/2005**
Permit Type:
Description: **No Plan Check Phase 3 - Add panels and transformer and feed furniture cubicles with circuits**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 050419000015549
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

Date: **6/17/2005**
Permit Type:
Description: **No Plan Check modification on the air conditionin distribution**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050449000005942
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUMMER SYSTEMS

Date: **5/13/2005**
Permit Type:
Description: **No Plan Check REPLACE HOIST ROPES (STATE # 81808)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000000562
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date:	**4/26/2005**
Permit Type:	
Description:	**No Plan Check LIGHT FIXTURES, RECEPTACLES & SWITCHES.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050411000009549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MENNE ELECTRIC

Date:	**4/25/2005**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT ON GROUND FLOOR OF (E) OFFICE/BANK: (N) INTERIOR NON-BEARING WALLS AND CEILING GRID TO RECONFIGURE FRONT CHECK COURIER AND CREATE OFFICE AREAS. ENCLOSE 9' X 18'-8" PORTION OF FRONT ENTRANCE.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	050161000005204
Status:	
Valuation:	$85,500.00
Contractor Company:	
Contractor Name:	EVANS & SON

ADJOINING PROPERTY FINDINGS

Date: **2/16/2005**
Permit Type:
Description: **Plan Check CHANGE OF STRUCTURAL DETAIL, PER ENGINEER.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000102857
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/25/2004**
Permit Type:
Description: **Plan Check EXTEND TWO EGRESS CORRIDORS AT GROUND FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000002857
Status:
Valuation: $35,000.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/19/2004**
Permit Type:
Description: **No Plan Check ADD LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000026306
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **8/13/2003**
Permit Type:
Description: **No Plan Check REPLACE LAWN SPRINKLER SYS. AND HEADS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030421000025485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHONWALD LANDSCAPE DESIGNS INC

Date: **1/3/2001**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA. ELEVATOR STATE# 51808 & 51809. INVESTIGATION FEE COLLECTED.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 010461000000003
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check TENANT/OFFICE REMODEL.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000020289
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check 1 ADD, ALTER, REPAIR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000008485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

Date: **9/29/2000**
Permit Type:
Description: **Plan Check T.I. REMOVE & ADD NON-STRUCTURAL INTERIOR PARTITION FOR PRIVATE OFFICES 2830 SQ. FT. NO NEW CEILING GRID**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000018392
Status:
Valuation: $70,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **9/8/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000018507
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

ADJOINING PROPERTY FINDINGS

Date: **7/10/2000**
Permit Type:
Description: **No Plan Check INSTALL TEMP. EMT ON OUTSIDE SCAFFOLD. INSTALL 4 CIRCUITS &16 LIGHT FIXTURES TO ILLUMINATE OUTSIDE OF SCAFFOLD AREA (SIDEWALK-PARKING LOT).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000013653
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **5/23/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE TELEPHONE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000010258
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

Date: **5/15/2000**
Permit Type:
Description: **No Plan Check NEW BRANCH CIRCUITS. RELOCATE 15 LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000009547
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **4/19/2000**
Permit Type:
Description: **No Plan Check NEW PLUMBING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000422000005877
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANDERSEN COMMERCIAL PLUMBING

Date: **4/17/2000**
Permit Type:
Description: **No Plan Check INSTALL WISE I/G OUTLETS FOR OFFICE EQUIP. & LUNCH ROOM VENDING MACHINES 16-CIRCUITS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000007434
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **4/11/2000**
Permit Type:
Description: **No Plan Check T.I. @ 3RD FLOOR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000003077
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

ADJOINING PROPERTY FINDINGS

Date: **4/4/2000**
Permit Type:
Description: **Plan Check adding a sprinkler on top of the grease duct, off of the existing wet standpipe system, building not sprinklered, fire department required the sprinkler**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 000431000000897
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AXIS FIRE PROTECTION

Date: **4/3/2000**
Permit Type:
Description: **Plan Check T.I. AT (E) OFFICE SPACE. NON-BR PARTITION, CEILING, UPGRADE RESTRM. FOR FULL DAS COMPLIANCE AT 3RD FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000004384
Status:
Valuation: $128,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **3/30/2000**
Permit Type:
Description: **Plan Check new type I hood and make up air unit over existing cooking equipment**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000002724
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

ADJOINING PROPERTY FINDINGS

Date: **3/27/2000**
Permit Type:
Description: **No Plan Check INSTALL KITCHEN EXHAUST FAN & HOOD. 2 MOTORS AND 1 CIRCUIT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000005770
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **2/16/2000**
Permit Type:
Description: **No Plan Check INSTALL GREASE INTERCEPTOR**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000421000002540
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C H STONE PLUMBING CO INC

Date: **2/15/2000**
Permit Type:
Description: **Plan Check SAW CUT TWO NEW OPENINGS 14" x 14" ON ROOF, ONE NEW 2-HR SHAFT FOR HOOD DUCT, NEW COOKING HOOD.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Restaurant
Permit Number: 000161000002556
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

ADJOINING PROPERTY FINDINGS

Date: **1/11/2000**
Permit Type:
Description: **No Plan Check add 3 seperate circuits for 3 outlets**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000000510
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **12/28/1999**
Permit Type:
Description: **No Plan Check T.I. EXTEND EXH, DUCT,**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 990441000011238
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

Date: **11/30/1999**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT, CHANGE OF CONTRACTOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000222835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **11/23/1999**
Permit Type:
Description: **No Plan Check REDISTRIBUTE FEEDERS ON 1ST AND 4TH FLOORS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000023276
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HALCO ELECTRIC

Date: **11/17/1999**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT. ADDING NEW CIRCUITS, PANELBOARD & TRANSFORMER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990412000022835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

Date: **5/18/1999**
Permit Type:
Description: **No Plan Check WIRE 3 PHASE MOTER 480 VOLTS W/120V CONTROL FOR WATER TANK**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000009283
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

Date: **10/10/1997**
Permit Type:
Description: **No Plan Check REROOF, 300 SQS, BUILT UP 4 PLY, 72# CAP, CLASS "B" MIN.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 970161000023562
Status:
Valuation: $7,300.00
Contractor Company:
Contractor Name: MICHAELS ROOFING COMPANY

Date: **5/29/1997**
Permit Type:
Description: **No Plan Check DIESEL TANK REPLACEMENT/EXTERIOR TANK PERMIT APPROVED BY ENG;EA**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000007584
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FLETCHER ENVIRONMENTAL

ADJOINING PROPERTY FINDINGS

W OLYMPIC BLVD FL 3

1801 W OLYMPIC BLVD FL 3

Date:	**3/15/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Pressure Vessel**
Work Class:	
Proposed Use:	Commercial
Permit Number:	180459000000065
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MESA ENERGY SYSTEMS INC

Date:	**10/25/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170419000038450
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **1/16/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170419000001363
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160441000012972
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check EXPAND EXISTING CONCRETE PAD TO PROVIDE**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 170161000000770
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **7/12/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000024379
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **4/29/2016**
Permit Type:
Description: **Plan Check NEW VERTICAL LIFT GATE, NEW FENCING AND**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 150201000003137
Status:
Valuation: $100,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **4/19/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160469000000542
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **11/6/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000037470
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **10/19/2015**
Permit Type:
Description: **Plan Check PC FOR POWER. ADDING ONE 1200A DISTRIBU**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000029311
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **9/18/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000030895
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

ADJOINING PROPERTY FINDINGS

Date: **9/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000009506
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **9/9/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 150461000001335
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

Date: **8/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000027644
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **8/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000026535
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **7/28/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000015117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **7/16/2015**
Permit Type:
Description: **Plan Check NON STRUCTURAL TI TO AN EXISTING OFFICE SUITE; FURR WALLS; EXISTING T BAR CEILING GRID TO REMAIN; REMODEL (E) RESTROOMS TO FULLY COMPLY WITH TITLE 24 REGULATIONS <<GROUND FLOOR >>**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000011005
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **7/15/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **7/10/2015**
Permit Type:
Description: **Plan Check Supplemental to 15016-10000-05259 to en lose openings (MINOR T.I.), change fire rating, to no rated, of wall separating server and office area and to include restroom upgrade.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000105259
Status:
Valuation: $501.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **7/9/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013958
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000006186
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **6/17/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000018881
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **6/11/2015**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT ON SUITE 417 (3,129 Q FT), NEW FULL HEIGHT NON BEARING INTERIOR PARTITIONS, DOOR AND GLASS SIDELIGHT. EXISTING CEILING TO REMIAN.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000005259
Status:
Valuation: $120,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/11/2015**
Permit Type:
Description: **Plan Check T.I. NEW RAISED ACCESS FLOORING IN OFFI E INTERIOR (WITH MODIFICATION FOR LARR #23025)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000010952
Status:
Valuation: $30,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **6/11/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000011751
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006960
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000133419
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150422000002774
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: O'MARA THOMAS W PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**12/19/2014**
Permit Type:	
Description:	**Plan Check TI to existing commercial office space. Existing lighting in open office area, plan check for energy in newly divided/enclosed spaces. All loads on new panel schedule indicated as receptacle and appliance loads less than 25 kVA.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140412000028026
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**12/11/2014**
Permit Type:	
Description:	**No Plan Check T.I. 2ND FLOOR COPY ROOM (2) FAN COILS, (3) COMB. FIRE SMK, (2) DUCT. DETECTORS.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140441000012410
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**12/3/2014**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: RELOCAT NG 2 DEVICES. SCOPE OF WORK: 527 SQ. FT.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140411000033419
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**11/25/2014**
Permit Type:	
Description:	**Plan Check T. I. TO EXISTING OFFICE : NEW INTERIO NON BEARING WALLS ; DOOR AND GLASS SIDE-LIGHTS MINOR CEILING PANELS ; ACCESSIBLE MENS & WOMENS RESTROOMS ; FINISHES .**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	140161000023176
Status:	
Valuation:	$70,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**8/20/2013**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (1) NEW DEVICE. (2ND FLOOR PROCUREMENT STORAGE)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	130411000022549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**8/14/2013**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weigh ing less than 6 pound per sq. ft. "Cool Roof" may be required per Title 24, Part 6, Section 149(b), labeled and certified by CRRC per Section 10-111. (20,000SQS)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	130161000016603
Status:	
Valuation:	$190,000.00
Contractor Company:	
Contractor Name:	BLIGH PACIFIC

ADJOINING PROPERTY FINDINGS

Date: **7/24/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (223) NEW DEVICES. FOR 2ND FLR SERVER & PRINTER ROOM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000019639
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/8/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (4) NEW DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000011927
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/6/2013**
Permit Type:
Description: **No Plan Check INSTALL NEW VAV BOX AND GRILLS ON 3RD FL R**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 130442000004612
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C E MECHANICAL INC

ADJOINING PROPERTY FINDINGS

Date: **11/20/2012**
Permit Type:
Description: **No Plan Check Replace door edge.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 120469000001389
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

C.O. Issued Date: **8/11/2012**
Date: **1/23/2012**
Permit Type:
Description: **Plan Check TWO CONCRETE PADS, ONE FOR GENERATOR, ON E FOR MANUAL TRANSFER SWITCH & ADD 5 ADA PARKING STALLS**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial
Permit Number: 110201000002197
Status:
Valuation: $200,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**1/12/2012**
Permit Type:	
Description:	**Plan Check Revision to previously approved plans. No change in lighting. No loads added to system, just relocated to different distribution boards. Electrical systems only.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000111900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**1/6/2012**
Permit Type:	
Description:	**Plan Check NEW CONCRETE FOUNDATION PAD (2'-10" x 3 '-4") AND ANCHORAGE FOR EQUIPMENT.**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	Commercial
Permit Number:	120201000000016
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **11/17/2011**
Permit Type:
Description: **No Plan Check Install hydrogen detectors & panel for battery storage room.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110419000024642
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BEAR CONTRACTORS INC

Date: **11/7/2011**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #11041-10000-17845 FOR (9) ADDITIONAL FA DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110411000117845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date: **10/25/2011**
Permit Type:
Description: **Plan Check CLOSE OUT OPENING (26" x 26") AND CUT OUT NEW OPENING (26" x 26") ADJACENT FOR THE INSTALLATION OF DUCT WORK FOR (E) EXHAUST FAN AT ROOFTOP OF (E) OFFICE BUILDING.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 110161000020449
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

Date: **8/23/2011**
Permit Type:
Description: **No Plan Check FIRE SUPPRESSION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110411000017845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date:	**8/18/2011**
Permit Type:	
Description:	**Plan Check PLAN CHECK POWER FOR UPS SYSTEM REPLACEMENT AND UPGRADE. NO NEW LOAD ADDED. NON-LIFE SAFETY EQUIPMENT. Plan check for power and energy.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000011900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**8/5/2011**
Permit Type:	
Description:	**No Plan Check T.I. CITY NATIONAL BANK (2) AIR COND UNITS (1) GEN EXH FAN (3) CFSD.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110441000008869
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/4/2011**
Permit Type:
Description: **Plan Check ADD NON-BEARING PARTITIONS TO AN (E) MECHANICAL ROOM**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 110161000014861
Status:
Valuation: $9,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

Date: **3/23/2010**
Permit Type:
Description: **No Plan Check Replace hoist ropes on car #2. 5100152076**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 100469000000316
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **12/23/2009**
Permit Type:
Description: **Plan Check TI IN AN EXISTING BANK. PLAN CHECK IS FOR REPLACING EXISTING EQUIPMENT AND ADDING NEW EQUIPMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090413000016681
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **12/9/2009**
Permit Type:
Description: **Plan Check STRENGTHENING OF ROOF STRUCTURE TO SUPPORT REPLACEMENT HVAC UNIT. (5,000 lbs)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 090161000016466
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: SOUTH COAST INC

Date: **10/8/2009**
Permit Type:
Description: **Plan Check AC SYSTEM REPLACE FOR SERVER ROOM...**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 090443000008139
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **10/1/2009**
Permit Type:
Description: **No Plan Check FIRE ALARM MODIFICATION**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000018375
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date:	**6/11/2008**
Permit Type:	
Description:	**Plan Check BANNER 7' H X 14' W - TEMPORARY SIGN "GRAND OPENING JUNE 27-29" JUNE 11 TO JULY 10**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	080481000001013
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

Date:	**6/6/2008**
Permit Type:	
Description:	**No Plan Check (2) IN-DUCT SMOKE DETECTORS W/CONTROL RELAYS & AUXILIARY RELAY MODULES FOR SHUTDOWN OF SMOKE FIRE DAMPERS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	080411000012806
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **5/1/2008**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT # 07044-10000-07823 TO ADD 4 FIRE DAMPER AND 1 SMOKE TEST. (4THFLR)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000107823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **4/18/2008**
Permit Type:
Description: **No Plan Check T.I. 4TH FLOOR LOBBY.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 080441000003985
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **2/15/2008**
Permit Type:
Description: **No Plan Check LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080411000003517
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **1/22/2008**
Permit Type:
Description: **Plan Check SUPPLEMENTAL PERMIT FOR 06016-10000-10746: TO REPLACE ONE EXISTING 3' X 6'8" DOOR WITH 20 MINUTES FIRE-RATED 4'X6'8" DOOR WITH REQUIRED HARDWARE. REPLACE EXISTING CEILING AT THE ELEVATOR VESTIBULE AREA WITH T-BAR CEILING, AND TO EXTEND (E) FIRE-RATED PATITIONS TO UPPER DECK.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 060161000110746
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: EVANS & SON INC

Date: **11/21/2007**
Permit Type:
Description: **No Plan Check INSTALL (16) NEW LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000028185
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **7/26/2007**
Permit Type:
Description: **No Plan Check T.I. ON 4TH FLR- CITY NATIONAL BANK.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000007823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **7/3/2007**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE AND FM 200 FIRE SUPPRESSION SYSTEM CONVERSION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000016120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **5/23/2007**
Permit Type:
Description: **Plan Check T-24 and Emergency lighting for a remodeled portion of the 4th floor.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070413000012072
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**11/8/2006**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT- ADD NON BEARING WALLS TO CREATE OFFICE SPACES, EXTEND 1-HOUR CORRIDOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	060161000010746
Status:	
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

Date:	**8/30/2006**
Permit Type:	
Description:	**Plan Check Install 14 illuminated signs 1) 66"x24'4 1/8" "Sport Chalet" 2) 57"x21'0" "Sport Chalet" 3) 45 9/16" x 16' 9 9/16" "Sport Chalet" 4) 18"x5' 11 1/2" "Golf" 5) 18"x8'0 13/16" "Hiking" 6) 18"x8' 5 1/8" "Tennis" 7) 18"x9' 2 15/16" " Fishing" 8) 18"x7' 10 5/8" "Scuba" 9) 18"x10' 8 1/4" "Camping" 10) 18"x 7' 11" "Skiing" 11) 18"x 10' 1 3/16" "Cycling" 12) 18"x23' 7 1/2" "Parking in rear" 13) 66" x 24'4**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	060482000001455
Status:	
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

ADJOINING PROPERTY FINDINGS

Date: **3/30/2006**
Permit Type:
Description: **No Plan Check Support numerous existing raceways, light fixtures, cables in existing T-bar Ceiling. Inspection and approval to comply with Condemnation Order #RS01140.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060419000007762
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C S I ELECTRICAL CONTRACTORS INC

Date: **2/23/2006**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000004801
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **10/7/2005**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA 3D. ELEVATOR STATE # 51808.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000001149
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **6/29/2005**
Permit Type:
Description: **No Plan Check Phase 3 - Add panels and transformer and feed furniture cubicles with circuits**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 050419000015549
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

Date: **6/17/2005**
Permit Type:
Description: **No Plan Check modification on the air conditionin distribution**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050449000005942
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUMMER SYSTEMS

Date: **5/13/2005**
Permit Type:
Description: **No Plan Check REPLACE HOIST ROPES (STATE # 81808)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000000562
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date:	**4/26/2005**
Permit Type:	
Description:	**No Plan Check LIGHT FIXTURES, RECEPTACLES & SWITCHES.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	050411000009549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MENNE ELECTRIC

Date:	**4/25/2005**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT ON GROUND FLOOR OF (E) OFFICE/BANK: (N) INTERIOR NON-BEARING WALLS AND CEILING GRID TO RECONFIGURE FRONT CHECK COURIER AND CREATE OFFICE AREAS. ENCLOSE 9' X 18'-8" PORTION OF FRONT ENTRANCE.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	050161000005204
Status:	
Valuation:	$85,500.00
Contractor Company:	
Contractor Name:	EVANS & SON

ADJOINING PROPERTY FINDINGS

Date: **2/16/2005**
Permit Type:
Description: **Plan Check CHANGE OF STRUCTURAL DETAIL, PER ENGINEER.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000102857
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/25/2004**
Permit Type:
Description: **Plan Check EXTEND TWO EGRESS CORRIDORS AT GROUND FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000002857
Status:
Valuation: $35,000.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/19/2004**
Permit Type:
Description: **No Plan Check ADD LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000026306
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **8/13/2003**
Permit Type:
Description: **No Plan Check REPLACE LAWN SPRINKLER SYS. AND HEADS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030421000025485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHONWALD LANDSCAPE DESIGNS INC

Date: **1/3/2001**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA. ELEVATOR STATE# 51808 & 51809. INVESTIGATION FEE COLLECTED.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 010461000000003
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check TENANT/OFFICE REMODEL.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000020289
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check 1 ADD, ALTER, REPAIR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000008485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

Date: **9/29/2000**
Permit Type:
Description: **Plan Check T.I. REMOVE & ADD NON-STRUCTURAL INTERIOR PARTITION FOR PRIVATE OFFICES 2830 SQ. FT. NO NEW CEILING GRID**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000018392
Status:
Valuation: $70,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **9/8/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000018507
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

ADJOINING PROPERTY FINDINGS

Date: **7/10/2000**
Permit Type:
Description: **No Plan Check INSTALL TEMP. EMT ON OUTSIDE SCAFFOLD. INSTALL 4 CIRCUITS &16 LIGHT FIXTURES TO ILLUMINATE OUTSIDE OF SCAFFOLD AREA (SIDEWALK-PARKING LOT).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000013653
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **5/23/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE TELEPHONE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000010258
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

Date: **5/15/2000**
Permit Type:
Description: **No Plan Check NEW BRANCH CIRCUITS. RELOCATE 15 LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000009547
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **4/19/2000**
Permit Type:
Description: **No Plan Check NEW PLUMBING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000422000005877
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANDERSEN COMMERCIAL PLUMBING

Date: **4/17/2000**
Permit Type:
Description: **No Plan Check INSTALL WISE I/G OUTLETS FOR OFFICE EQUIP. & LUNCH ROOM VENDING MACHINES 16-CIRCUITS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000007434
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **4/11/2000**
Permit Type:
Description: **No Plan Check T.I. @ 3RD FLOOR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000003077
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

ADJOINING PROPERTY FINDINGS

Date: **4/4/2000**
Permit Type:
Description: **Plan Check adding a sprinkler on top of the grease duct, off of the existing wet standpipe system, building not sprinklered, fire department required the sprinkler**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 000431000000897
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AXIS FIRE PROTECTION

Date: **4/3/2000**
Permit Type:
Description: **Plan Check T.I. AT (E) OFFICE SPACE. NON-BR PARTITION, CEILING, UPGRADE RESTRM. FOR FULL DAS COMPLIANCE AT 3RD FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000004384
Status:
Valuation: $128,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **3/30/2000**
Permit Type:
Description: **Plan Check new type I hood and make up air unit over existing cooking equipment**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000002724
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

ADJOINING PROPERTY FINDINGS

Date: **3/27/2000**
Permit Type:
Description: **No Plan Check INSTALL KITCHEN EXHAUST FAN & HOOD. 2 MOTORS AND 1 CIRCUIT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000005770
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **2/16/2000**
Permit Type:
Description: **No Plan Check INSTALL GREASE INTERCEPTOR**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000421000002540
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C H STONE PLUMBING CO INC

Date: **2/15/2000**
Permit Type:
Description: **Plan Check SAW CUT TWO NEW OPENINGS 14" x 14" ON ROOF, ONE NEW 2-HR SHAFT FOR HOOD DUCT, NEW COOKING HOOD.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Restaurant
Permit Number: 000161000002556
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

ADJOINING PROPERTY FINDINGS

Date: **1/11/2000**
Permit Type:
Description: **No Plan Check add 3 seperate circuits for 3 outlets**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000000510
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **12/28/1999**
Permit Type:
Description: **No Plan Check T.I. EXTEND EXH, DUCT,**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 990441000011238
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

Date: **11/30/1999**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT, CHANGE OF CONTRACTOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000222835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **11/23/1999**
Permit Type:
Description: **No Plan Check REDISTRIBUTE FEEDERS ON 1ST AND 4TH FLOORS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000023276
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HALCO ELECTRIC

Date: **11/17/1999**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT. ADDING NEW CIRCUITS, PANELBOARD & TRANSFORMER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990412000022835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

Date: **5/18/1999**
Permit Type:
Description: **No Plan Check WIRE 3 PHASE MOTER 480 VOLTS W/120V CONTROL FOR WATER TANK**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000009283
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

Date: **10/10/1997**
Permit Type:
Description: **No Plan Check REROOF, 300 SQS, BUILT UP 4 PLY, 72# CAP, CLASS "B" MIN.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 970161000023562
Status:
Valuation: $7,300.00
Contractor Company:
Contractor Name: MICHAELS ROOFING COMPANY

Date: **5/29/1997**
Permit Type:
Description: **No Plan Check DIESEL TANK REPLACEMENT/EXTERIOR TANK PERMIT APPROVED BY ENG;EA**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000007584
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FLETCHER ENVIRONMENTAL

ADJOINING PROPERTY FINDINGS

W OLYMPIC BLVD FL 4TH

1801 W OLYMPIC BLVD FL 4TH

Date:	**3/15/2018**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Pressure Vessel**
Work Class:	
Proposed Use:	Commercial
Permit Number:	180459000000065
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	MESA ENERGY SYSTEMS INC

Date:	**10/25/2017**
Permit Type:	
Description:	**No Plan Check**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	170419000038450
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **1/16/2017**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 170419000001363
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 160441000012972
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

Date: **1/13/2017**
Permit Type:
Description: **Plan Check EXPAND EXISTING CONCRETE PAD TO PROVIDE**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 170161000000770
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: MESA ENERGY SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **7/12/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 160411000024379
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **4/29/2016**
Permit Type:
Description: **Plan Check NEW VERTICAL LIFT GATE, NEW FENCING AND**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial Misc. Bldg or Structure
Permit Number: 150201000003137
Status:
Valuation: $100,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **4/19/2016**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 160469000000542
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

ADJOINING PROPERTY FINDINGS

Date: **11/6/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000037470
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **10/19/2015**
Permit Type:
Description: **Plan Check PC FOR POWER. ADDING ONE 1200A DISTRIBU**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000029311
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **9/18/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000030895
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

ADJOINING PROPERTY FINDINGS

Date: **9/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000009506
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **9/9/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 150461000001335
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SPECIALIZED ELEVATOR CORPORATION

Date: **8/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000027644
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **8/14/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000026535
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **7/28/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000015117
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **7/16/2015**
Permit Type:
Description: **Plan Check NON STRUCTURAL TI TO AN EXISTING OFFICE SUITE; FURR WALLS; EXISTING T BAR CEILING GRID TO REMAIN; REMODEL (E) RESTROOMS TO FULLY COMPLY WITH TITLE 24 REGULATIONS <<GROUND FLOOR >>**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000011005
Status:
Valuation: $10,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **7/15/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

Date: **7/10/2015**
Permit Type:
Description: **Plan Check Supplemental to 15016-10000-05259 to en lose openings (MINOR T.I.), change fire rating, to no rated, of wall separating server and office area and to include restroom upgrade.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000105259
Status:
Valuation: $501.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **7/9/2015**
Permit Type:
Description: **Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150412000013958
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/24/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 150441000006186
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **6/17/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000018881
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **6/11/2015**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT ON SUITE 417 (3,129 Q FT), NEW FULL HEIGHT NON BEARING INTERIOR PARTITIONS, DOOR AND GLASS SIDELIGHT. EXISTING CEILING TO REMIAN.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000005259
Status:
Valuation: $120,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **6/11/2015**
Permit Type:
Description: **Plan Check T.I. NEW RAISED ACCESS FLOORING IN OFFI E INTERIOR (WITH MODIFICATION FOR LARR #23025)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 150161000010952
Status:
Valuation: $30,000.00
Contractor Company:
Contractor Name: CORPORATE CONTRACTORS INC

Date: **6/11/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150421000011751
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MUIR-CHASE PLUMBING CO INC

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006959
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

ADJOINING PROPERTY FINDINGS

Date: **3/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 150411000006960
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SASCO

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 140411000133419
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **2/10/2015**
Permit Type:
Description: **No Plan Check**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 150422000002774
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: O'MARA THOMAS W PLUMBING

ADJOINING PROPERTY FINDINGS

Date:	**12/19/2014**
Permit Type:	
Description:	**Plan Check TI to existing commercial office space. Existing lighting in open office area, plan check for energy in newly divided/enclosed spaces. All loads on new panel schedule indicated as receptacle and appliance loads less than 25 kVA.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140412000028026
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**12/11/2014**
Permit Type:	
Description:	**No Plan Check T.I. 2ND FLOOR COPY ROOM (2) FAN COILS, (3) COMB. FIRE SMK, (2) DUCT. DETECTORS.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140441000012410
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date:	**12/3/2014**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: RELOCAT NG 2 DEVICES. SCOPE OF WORK: 527 SQ. FT.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	140411000033419
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**11/25/2014**
Permit Type:	
Description:	**Plan Check T. I. TO EXISTING OFFICE : NEW INTERIO NON BEARING WALLS ; DOOR AND GLASS SIDE-LIGHTS MINOR CEILING PANELS ; ACCESSIBLE MENS & WOMENS RESTROOMS ; FINISHES .**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	140161000023176
Status:	
Valuation:	$70,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**8/20/2013**
Permit Type:	
Description:	**No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (1) NEW DEVICE. (2ND FLOOR PROCUREMENT STORAGE)**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	130411000022549
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	RED HAWK FIRE & SECURITY CA LLC

Date:	**8/14/2013**
Permit Type:	
Description:	**No Plan Check Re-roof with Class A or B material weigh ing less than 6 pound per sq. ft. "Cool Roof" may be required per Title 24, Part 6, Section 149(b), labeled and certified by CRRC per Section 10-111. (20,000SQS)**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	130161000016603
Status:	
Valuation:	$190,000.00
Contractor Company:	
Contractor Name:	BLIGH PACIFIC

ADJOINING PROPERTY FINDINGS

Date: **7/24/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (223) NEW DEVICES. FOR 2ND FLR SERVER & PRINTER ROOM.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000019639
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/8/2013**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM MODIFICATION: ADDING (4) NEW DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 130411000011927
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: RED HAWK FIRE & SECURITY CA LLC

Date: **5/6/2013**
Permit Type:
Description: **No Plan Check INSTALL NEW VAV BOX AND GRILLS ON 3RD FL R**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 130442000004612
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C E MECHANICAL INC

ADJOINING PROPERTY FINDINGS

Date: **11/20/2012**
Permit Type:
Description: **No Plan Check Replace door edge.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 120469000001389
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

C.O. Issued Date: **8/11/2012**
Date: **1/23/2012**
Permit Type:
Description: **Plan Check TWO CONCRETE PADS, ONE FOR GENERATOR, ON E FOR MANUAL TRANSFER SWITCH & ADD 5 ADA PARKING STALLS**

Permit Description: **Nonbldg-New**
Work Class:
Proposed Use: Commercial
Permit Number: 110201000002197
Status:
Valuation: $200,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**1/12/2012**
Permit Type:	
Description:	**Plan Check Revision to previously approved plans. No change in lighting. No loads added to system, just relocated to different distribution boards. Electrical systems only.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000111900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**1/6/2012**
Permit Type:	
Description:	**Plan Check NEW CONCRETE FOUNDATION PAD (2'-10" x 3 '-4") AND ANCHORAGE FOR EQUIPMENT.**
Permit Description:	**Nonbldg-New**
Work Class:	
Proposed Use:	Commercial
Permit Number:	120201000000016
Status:	
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	M D L CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **11/17/2011**
Permit Type:
Description: **No Plan Check Install hydrogen detectors & panel for battery storage room.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110419000024642
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: BEAR CONTRACTORS INC

Date: **11/7/2011**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT #11041-10000-17845 FOR (9) ADDITIONAL FA DEVICES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110411000117845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date: **10/25/2011**
Permit Type:
Description: **Plan Check CLOSE OUT OPENING (26" x 26") AND CUT OUT NEW OPENING (26" x 26") ADJACENT FOR THE INSTALLATION OF DUCT WORK FOR (E) EXHAUST FAN AT ROOFTOP OF (E) OFFICE BUILDING.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 110161000020449
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

Date: **8/23/2011**
Permit Type:
Description: **No Plan Check FIRE SUPPRESSION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 110411000017845
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CHUBB FIRE & SECURITY CA INC

ADJOINING PROPERTY FINDINGS

Date:	**8/18/2011**
Permit Type:	
Description:	**Plan Check PLAN CHECK POWER FOR UPS SYSTEM REPLACEMENT AND UPGRADE. NO NEW LOAD ADDED. NON-LIFE SAFETY EQUIPMENT. Plan check for power and energy.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110412000011900
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CSI ELECTRICAL CONTRACTORS INC

Date:	**8/5/2011**
Permit Type:	
Description:	**No Plan Check T.I. CITY NATIONAL BANK (2) AIR COND UNITS (1) GEN EXH FAN (3) CFSD.**
Permit Description:	**HVAC**
Work Class:	
Proposed Use:	Commercial
Permit Number:	110441000008869
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ACCO ENGINEERED SYSTEMS INC

ADJOINING PROPERTY FINDINGS

Date: **8/4/2011**
Permit Type:
Description: **Plan Check ADD NON-BEARING PARTITIONS TO AN (E) MECHANICAL ROOM**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 110161000014861
Status:
Valuation: $9,000.00
Contractor Company:
Contractor Name: M D L CONSTRUCTION INC

Date: **3/23/2010**
Permit Type:
Description: **No Plan Check Replace hoist ropes on car #2. 5100152076**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 100469000000316
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHINDLER ELEVATOR CORPORATION

Date: **12/23/2009**
Permit Type:
Description: **Plan Check TI IN AN EXISTING BANK. PLAN CHECK IS FOR REPLACING EXISTING EQUIPMENT AND ADDING NEW EQUIPMENT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090413000016681
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CSI ELECTRICAL CONTRACTORS INC

ADJOINING PROPERTY FINDINGS

Date: **12/9/2009**
Permit Type:
Description: **Plan Check STRENGTHENING OF ROOF STRUCTURE TO SUPPORT REPLACEMENT HVAC UNIT. (5,000 lbs)**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 090161000016466
Status:
Valuation: $20,000.00
Contractor Company:
Contractor Name: SOUTH COAST INC

Date: **10/8/2009**
Permit Type:
Description: **Plan Check AC SYSTEM REPLACE FOR SERVER ROOM...**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 090443000008139
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS INC

Date: **10/1/2009**
Permit Type:
Description: **No Plan Check FIRE ALARM MODIFICATION**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 090411000018375
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date:	**6/11/2008**
Permit Type:	
Description:	**Plan Check BANNER 7' H X 14' W - TEMPORARY SIGN "GRAND OPENING JUNE 27-29" JUNE 11 TO JULY 10**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	080481000001013
Status:	
Valuation:	$501.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

Date:	**6/6/2008**
Permit Type:	
Description:	**No Plan Check (2) IN-DUCT SMOKE DETECTORS W/CONTROL RELAYS & AUXILIARY RELAY MODULES FOR SHUTDOWN OF SMOKE FIRE DAMPERS.**
Permit Description:	**Electrical**
Work Class:	
Proposed Use:	Public Safety Only
Permit Number:	080411000012806
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	CAL PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **5/1/2008**
Permit Type:
Description: **No Plan Check SUPPL. PERMIT TO PERMIT # 07044-10000-07823 TO ADD 4 FIRE DAMPER AND 1 SMOKE TEST. (4THFLR)**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000107823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **4/18/2008**
Permit Type:
Description: **No Plan Check T.I. 4TH FLOOR LOBBY.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 080441000003985
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **2/15/2008**
Permit Type:
Description: **No Plan Check LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 080411000003517
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **1/22/2008**
Permit Type:
Description: **Plan Check SUPPLEMENTAL PERMIT FOR 06016-10000-10746: TO REPLACE ONE EXISTING 3' X 6'8" DOOR WITH 20 MINUTES FIRE-RATED 4'X6'8" DOOR WITH REQUIRED HARDWARE. REPLACE EXISTING CEILING AT THE ELEVATOR VESTIBULE AREA WITH T-BAR CEILING, AND TO EXTEND (E) FIRE-RATED PATITIONS TO UPPER DECK.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 060161000110746
Status:
Valuation: $5,000.00
Contractor Company:
Contractor Name: EVANS & SON INC

Date: **11/21/2007**
Permit Type:
Description: **No Plan Check INSTALL (16) NEW LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000028185
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date: **7/26/2007**
Permit Type:
Description: **No Plan Check T.I. ON 4TH FLR- CITY NATIONAL BANK.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 070441000007823
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ACCO ENGINEERED SYSTEMS,INC

Date: **7/3/2007**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE AND FM 200 FIRE SUPPRESSION SYSTEM CONVERSION.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070411000016120
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **5/23/2007**
Permit Type:
Description: **Plan Check T-24 and Emergency lighting for a remodeled portion of the 4th floor.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 070413000012072
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: EVANS & SON INC

ADJOINING PROPERTY FINDINGS

Date:	**11/8/2006**
Permit Type:	
Description:	**Plan Check TENANT IMPROVEMENT- ADD NON BEARING WALLS TO CREATE OFFICE SPACES, EXTEND 1-HOUR CORRIDOR.**
Permit Description:	**Bldg-Alter/Repair**
Work Class:	
Proposed Use:	Commercial Office
Permit Number:	060161000010746
Status:	
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	EVANS & SON INC

Date:	**8/30/2006**
Permit Type:	
Description:	**Plan Check Install 14 illuminated signs 1) 66"x24'4 1/8" "Sport Chalet" 2) 57"x21'0" "Sport Chalet" 3) 45 9/16" x 16' 9 9/16" "Sport Chalet" 4) 18"x5' 11 1/2" "Golf" 5) 18"x8'0 13/16" "Hiking" 6) 18"x8' 5 1/8" "Tennis" 7) 18"x9' 2 15/16" " Fishing" 8) 18"x7' 10 5/8" "Scuba" 9) 18"x10' 8 1/4" "Camping" 10) 18"x 7' 11" "Skiing" 11) 18"x 10' 1 3/16" "Cycling" 12) 18"x23' 7 1/2" "Parking in rear" 13) 66" x 24'4**
Permit Description:	**Sign**
Work Class:	
Proposed Use:	Onsite Signs
Permit Number:	060482000001455
Status:	
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	LOREN ELECTRIC SIGN CO

ADJOINING PROPERTY FINDINGS

Date: **3/30/2006**
Permit Type:
Description: **No Plan Check Support numerous existing raceways, light fixtures, cables in existing T-bar Ceiling. Inspection and approval to comply with Condemnation Order #RS01140.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060419000007762
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C S I ELECTRICAL CONTRACTORS INC

Date: **2/23/2006**
Permit Type:
Description: **No Plan Check FIRE ALARM SYSTEM UPGRADE.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 060411000004801
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CALPROTECTION

Date: **10/7/2005**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA 3D. ELEVATOR STATE # 51808.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000001149
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **6/29/2005**
Permit Type:
Description: **No Plan Check Phase 3 - Add panels and transformer and feed furniture cubicles with circuits**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 050419000015549
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

Date: **6/17/2005**
Permit Type:
Description: **No Plan Check modification on the air conditionin distribution**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 050449000005942
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SUMMER SYSTEMS

Date: **5/13/2005**
Permit Type:
Description: **No Plan Check REPLACE HOIST ROPES (STATE # 81808)**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 050461000000562
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

ADJOINING PROPERTY FINDINGS

Date: **4/26/2005**
Permit Type:
Description: **No Plan Check LIGHT FIXTURES, RECEPTACLES & SWITCHES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 050411000009549
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

Date: **4/25/2005**
Permit Type:
Description: **Plan Check TENANT IMPROVEMENT ON GROUND FLOOR OF (E) OFFICE/BANK: (N) INTERIOR NON-BEARING WALLS AND CEILING GRID TO RECONFIGURE FRONT CHECK COURIER AND CREATE OFFICE AREAS. ENCLOSE 9' X 18'-8" PORTION OF FRONT ENTRANCE.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 050161000005204
Status:
Valuation: $85,500.00
Contractor Company:
Contractor Name: EVANS & SON

ADJOINING PROPERTY FINDINGS

Date: **2/16/2005**
Permit Type:
Description: **Plan Check CHANGE OF STRUCTURAL DETAIL, PER ENGINEER.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000102857
Status:
Valuation: $301.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/25/2004**
Permit Type:
Description: **Plan Check EXTEND TWO EGRESS CORRIDORS AT GROUND FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 040161000002857
Status:
Valuation: $35,000.00
Contractor Company:
Contractor Name: EVANS & SON

Date: **10/19/2004**
Permit Type:
Description: **No Plan Check ADD LIGHTS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 040411000026306
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: MENNE ELECTRIC

ADJOINING PROPERTY FINDINGS

Date: **8/13/2003**
Permit Type:
Description: **No Plan Check REPLACE LAWN SPRINKLER SYS. AND HEADS.**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 030421000025485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: SCHONWALD LANDSCAPE DESIGNS INC

Date: **1/3/2001**
Permit Type:
Description: **No Plan Check INSTALL LAMBDA. ELEVATOR STATE# 51808 & 51809. INVESTIGATION FEE COLLECTED.**

Permit Description: **Elevator**
Work Class:
Proposed Use: Commercial
Permit Number: 010461000000003
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: OTIS ELEVATOR

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check TENANT/OFFICE REMODEL.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000020289
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **10/3/2000**
Permit Type:
Description: **No Plan Check 1 ADD, ALTER, REPAIR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000008485
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

Date: **9/29/2000**
Permit Type:
Description: **Plan Check T.I. REMOVE & ADD NON-STRUCTURAL INTERIOR PARTITION FOR PRIVATE OFFICES 2830 SQ. FT. NO NEW CEILING GRID**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000018392
Status:
Valuation: $70,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **9/8/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000018507
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

ADJOINING PROPERTY FINDINGS

Date: **7/10/2000**
Permit Type:
Description: **No Plan Check INSTALL TEMP. EMT ON OUTSIDE SCAFFOLD. INSTALL 4 CIRCUITS &16 LIGHT FIXTURES TO ILLUMINATE OUTSIDE OF SCAFFOLD AREA (SIDEWALK-PARKING LOT).**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000013653
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **5/23/2000**
Permit Type:
Description: **No Plan Check LOW VOLTAGE TELEPHONE CABLING**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000413000010258
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: PRIME NET INCORPORATED

Date: **5/15/2000**
Permit Type:
Description: **No Plan Check NEW BRANCH CIRCUITS. RELOCATE 15 LIGHT FIXTURES.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000009547
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **4/19/2000**
Permit Type:
Description: **No Plan Check NEW PLUMBING**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000422000005877
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: ANDERSEN COMMERCIAL PLUMBING

Date: **4/17/2000**
Permit Type:
Description: **No Plan Check INSTALL WISE I/G OUTLETS FOR OFFICE EQUIP. & LUNCH ROOM VENDING MACHINES 16-CIRCUITS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000007434
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **4/11/2000**
Permit Type:
Description: **No Plan Check T.I. @ 3RD FLOOR.**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000003077
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR - TEC

ADJOINING PROPERTY FINDINGS

Date: **4/4/2000**
Permit Type:
Description: **Plan Check adding a sprinkler on top of the grease duct, off of the existing wet standpipe system, building not sprinklered, fire department required the sprinkler**

Permit Description: **Fire Sprinkler**
Work Class:
Proposed Use: Commercial
Permit Number: 000431000000897
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AXIS FIRE PROTECTION

Date: **4/3/2000**
Permit Type:
Description: **Plan Check T.I. AT (E) OFFICE SPACE. NON-BR PARTITION, CEILING, UPGRADE RESTRM. FOR FULL DAS COMPLIANCE AT 3RD FLOOR.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 000161000004384
Status:
Valuation: $128,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

Date: **3/30/2000**
Permit Type:
Description: **Plan Check new type I hood and make up air unit over existing cooking equipment**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 000441000002724
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

ADJOINING PROPERTY FINDINGS

Date: **3/27/2000**
Permit Type:
Description: **No Plan Check INSTALL KITCHEN EXHAUST FAN & HOOD. 2 MOTORS AND 1 CIRCUIT.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000005770
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **2/16/2000**
Permit Type:
Description: **No Plan Check INSTALL GREASE INTERCEPTOR**

Permit Description: **Plumbing**
Work Class:
Proposed Use: Commercial
Permit Number: 000421000002540
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: C H STONE PLUMBING CO INC

Date: **2/15/2000**
Permit Type:
Description: **Plan Check SAW CUT TWO NEW OPENINGS 14" x 14" ON ROOF, ONE NEW 2-HR SHAFT FOR HOOD DUCT, NEW COOKING HOOD.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Restaurant
Permit Number: 000161000002556
Status:
Valuation: $7,000.00
Contractor Company:
Contractor Name: WARNER CONSTRUCTORS

ADJOINING PROPERTY FINDINGS

Date: **1/11/2000**
Permit Type:
Description: **No Plan Check add 3 seperate circuits for 3 outlets**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 000411000000510
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

Date: **12/28/1999**
Permit Type:
Description: **No Plan Check T.I. EXTEND EXH, DUCT,**

Permit Description: **HVAC**
Work Class:
Proposed Use: Commercial
Permit Number: 990441000011238
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: AIR CONDITIONING COMPANY INC

Date: **11/30/1999**
Permit Type:
Description: **No Plan Check SUPPLEMENTAL PERMIT, CHANGE OF CONTRACTOR.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000222835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: CAROL ELECTRIC COMPANY

ADJOINING PROPERTY FINDINGS

Date: **11/23/1999**
Permit Type:
Description: **No Plan Check REDISTRIBUTE FEEDERS ON 1ST AND 4TH FLOORS.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000023276
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: HALCO ELECTRIC

Date: **11/17/1999**
Permit Type:
Description: **No Plan Check TENANT IMPROVEMENT. ADDING NEW CIRCUITS, PANELBOARD & TRANSFORMER.**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990412000022835
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

Date: **5/18/1999**
Permit Type:
Description: **No Plan Check WIRE 3 PHASE MOTER 480 VOLTS W/120V CONTROL FOR WATER TANK**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 990411000009283
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: VALLEE ELECTRICAL SERVICES

ADJOINING PROPERTY FINDINGS

Date: **10/10/1997**
Permit Type:
Description: **No Plan Check REROOF, 300 SQS, BUILT UP 4 PLY, 72# CAP, CLASS "B" MIN.**

Permit Description: **Bldg-Alter/Repair**
Work Class:
Proposed Use: Commercial Office
Permit Number: 970161000023562
Status:
Valuation: $7,300.00
Contractor Company:
Contractor Name: MICHAELS ROOFING COMPANY

Date: **5/29/1997**
Permit Type:
Description: **No Plan Check DIESEL TANK REPLACEMENT/EXTERIOR TANK PERMIT APPROVED BY ENG;EA**

Permit Description: **Electrical**
Work Class:
Proposed Use: Commercial
Permit Number: 970411000007584
Status:
Valuation: $0.00
Contractor Company:
Contractor Name: FLETCHER ENVIRONMENTAL

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

1700 W Olympic Boulevard

1700 W Olympic Boulevard

Los Angeles, CA 90015

Inquiry Number: 5877588.3

November 20, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/20/19

Site Name:	Client Name:
1700 W Olympic Boulevard	PlaceWorks
1700 W Olympic Boulevard	3 MacArthur Place Suite 1100
Los Angeles, CA 90015	Santa Ana, CA 92707
EDR Inquiry # 5877588.3	Contact: Denise Clendening

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Certified Sanborn Results:

Certification # D8AC-4681-B165

PO # BSS-12.0

Project 1700 W Olympic Blvd

Maps Provided:

1970	1953
1968	1950
1967	1906
1963	1900
1962	
1960	
1958	
1955	

Sanborn® Library search results

Certification #: D8AC-4681-B165

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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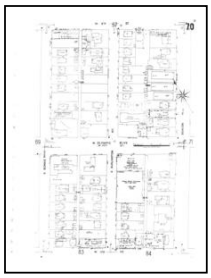
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

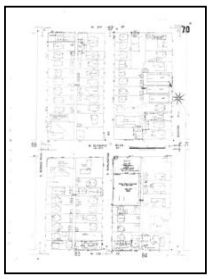
1970 Source Sheets



Volume 1, Sheet 70
1970

Volume 1, Sheet 71
1970

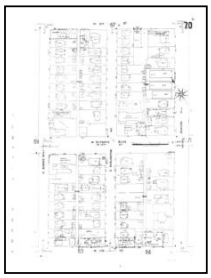
1968 Source Sheets



Volume 1, Sheet 70
1968

Volume 1, Sheet 71
1968

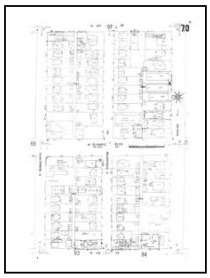
1967 Source Sheets



Volume 1, Sheet 70
1967

Volume 1, Sheet 71
1967

1963 Source Sheets



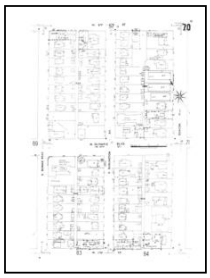
Volume 1, Sheet 70
1963

Volume 1, Sheet 71
1963

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

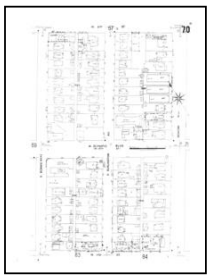
1962 Source Sheets



Volume 1, Sheet 70
1962

Volume 1, Sheet 71
1962

1960 Source Sheets

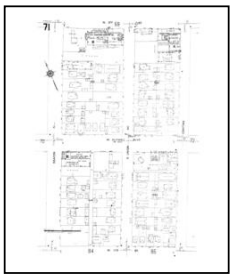


Volume 1, Sheet 70
1960

Volume 1, Sheet 71
1960

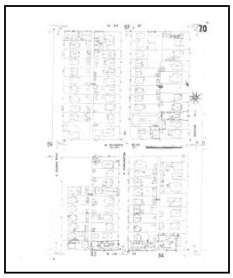
1958 Source Sheets

Volume 1, Sheet 70
1958

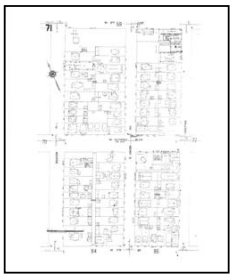


Volume 1, Sheet 71
1958

1955 Source Sheets



Volume 1, Sheet 70
1955



Volume 1, Sheet 71
1955

Sanborn Sheet Key

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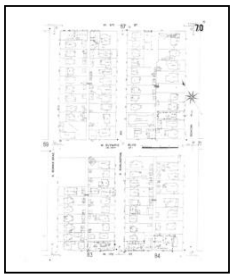
1953 Source Sheets



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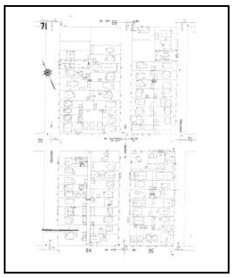
1953



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1953

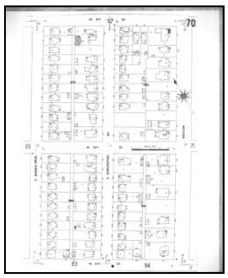
1950 Source Sheets

Volume 1, Sheet 70
1950

Volume 1, Sheet 71
1950

Volume 1, Sheet 84
1950

1906 Source Sheets



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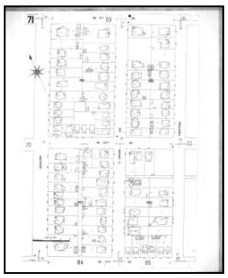
1906



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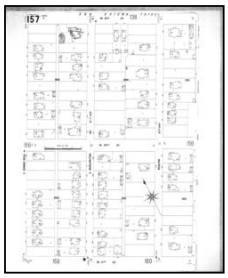
1906

1900 Source Sheets



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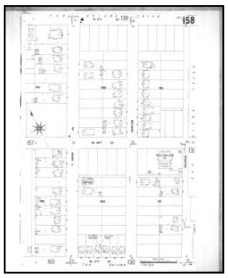
1900



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1900

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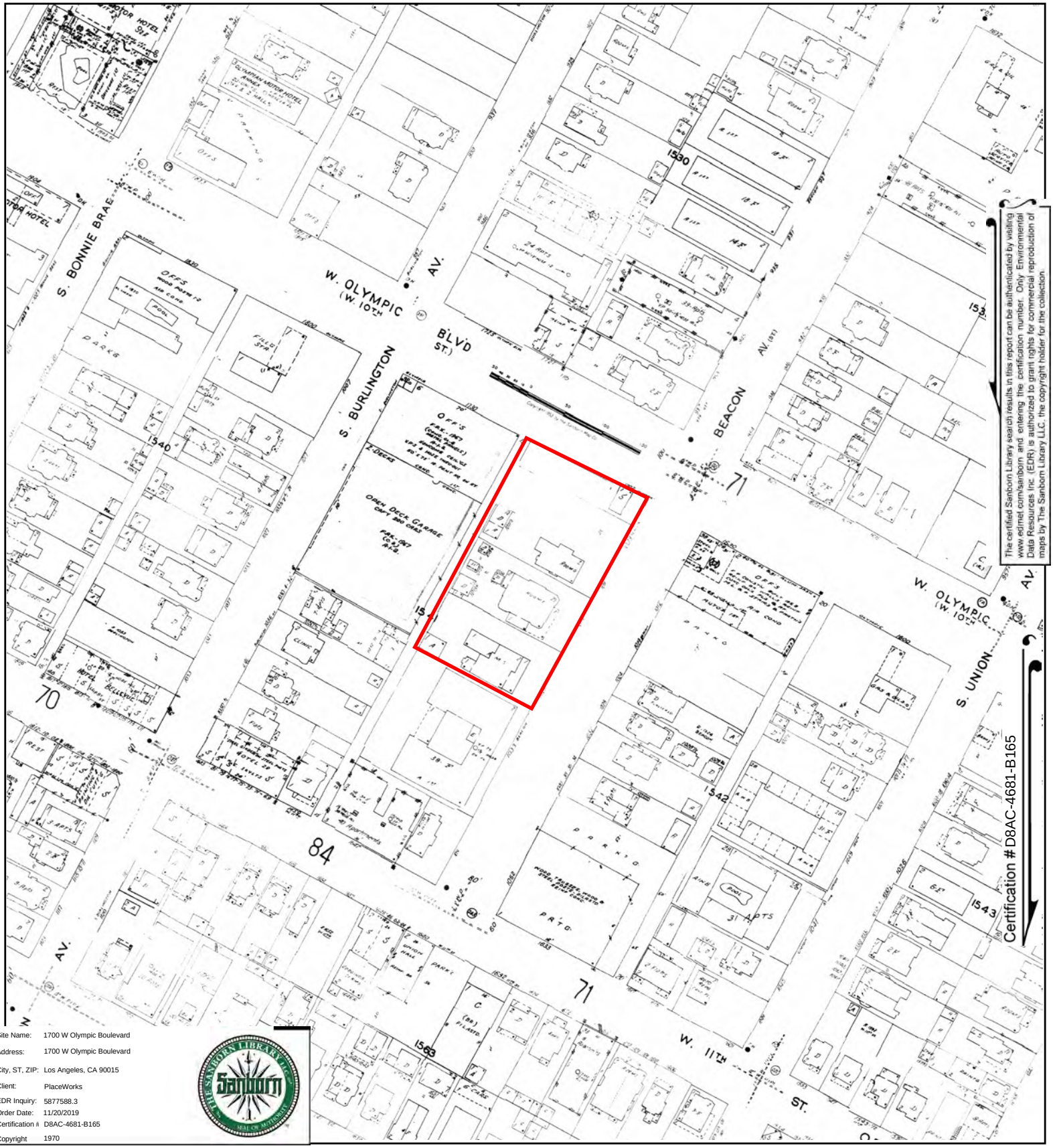
1970



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Copyright	1970

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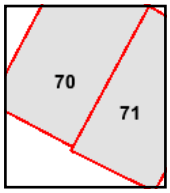

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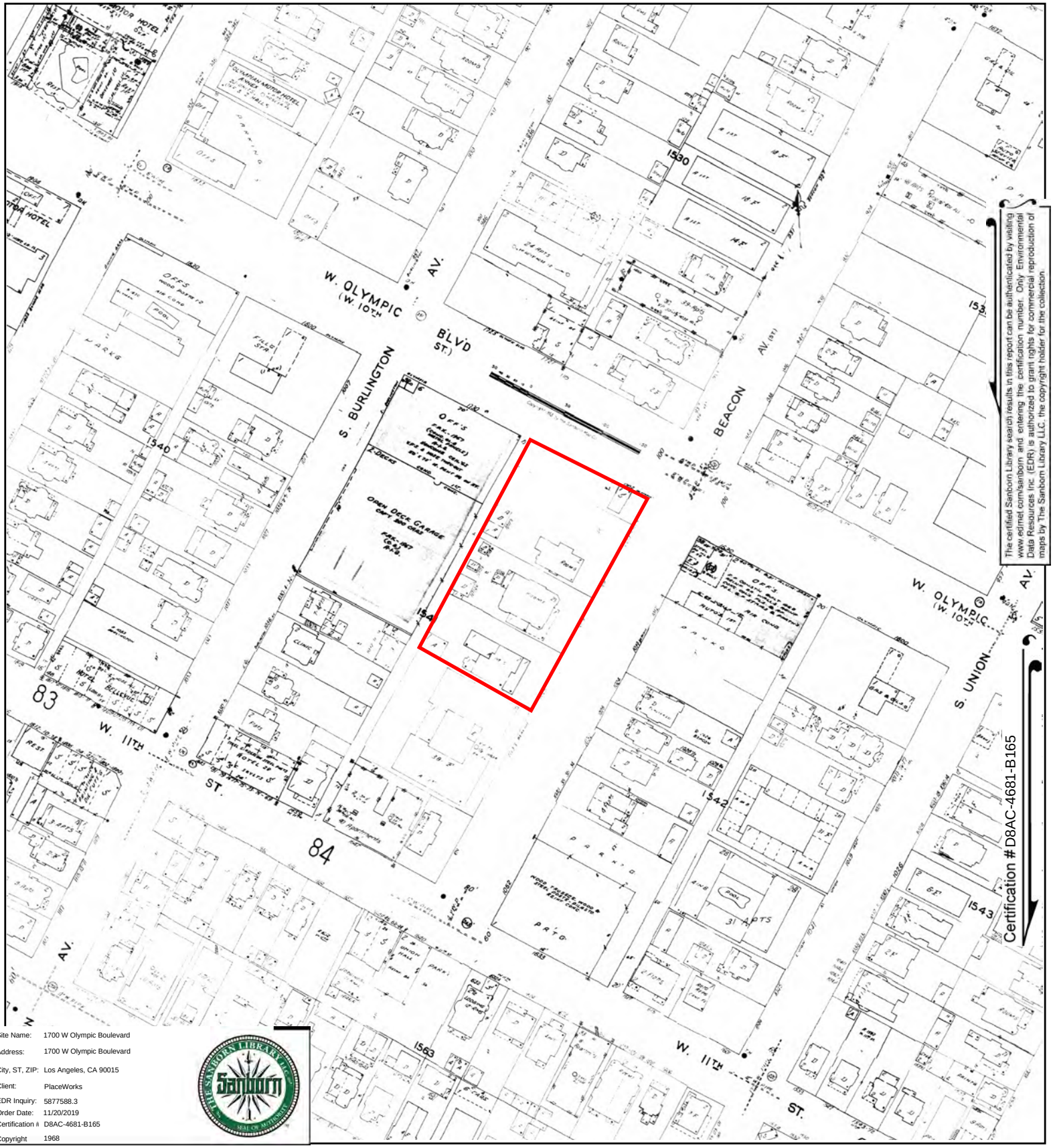
Certified Sanborn® Map

1968



Site Name:	1700 W Olympic Boulevard
Address:	1700 W Olympic Boulevard
City, ST, ZIP:	Los Angeles, CA 90015
Client:	PlaceWorks
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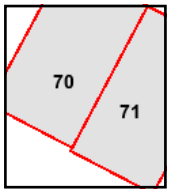

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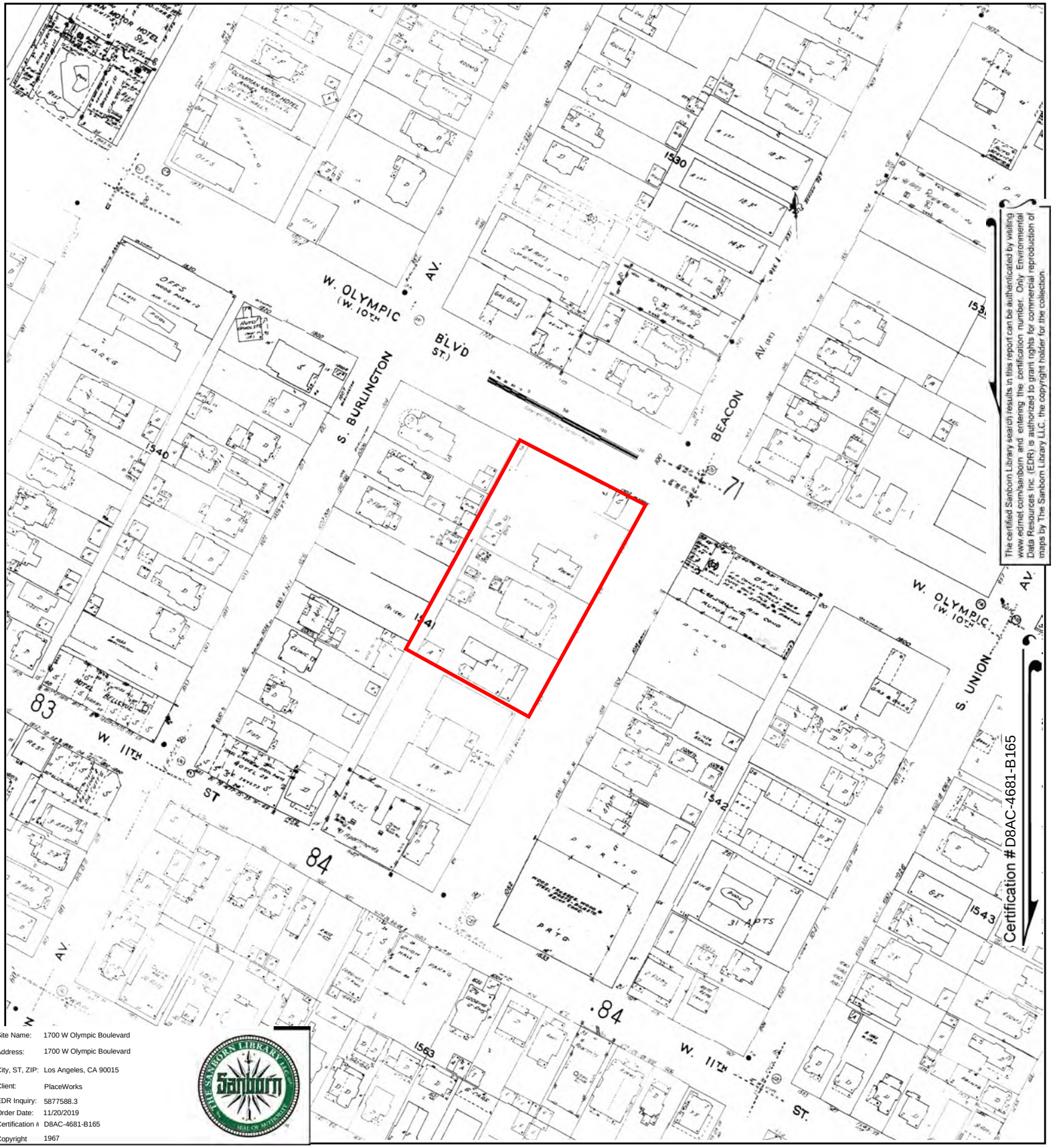
Certified Sanborn® Map

1967



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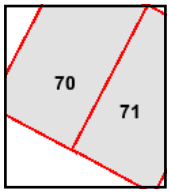

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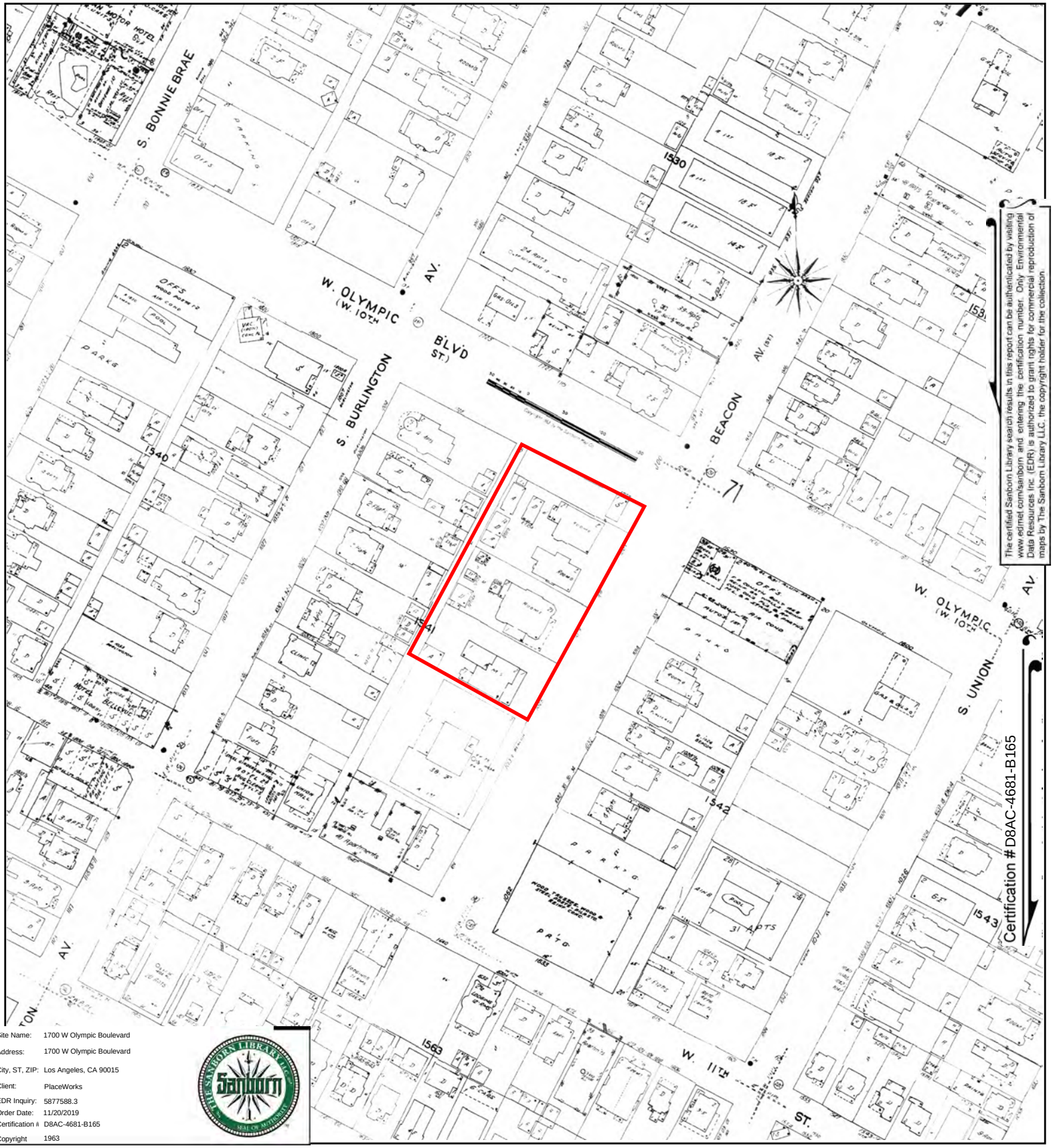
Certified Sanborn® Map

1963



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Certification #	D8AC-4681-B165
Copyright	1963

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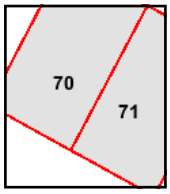

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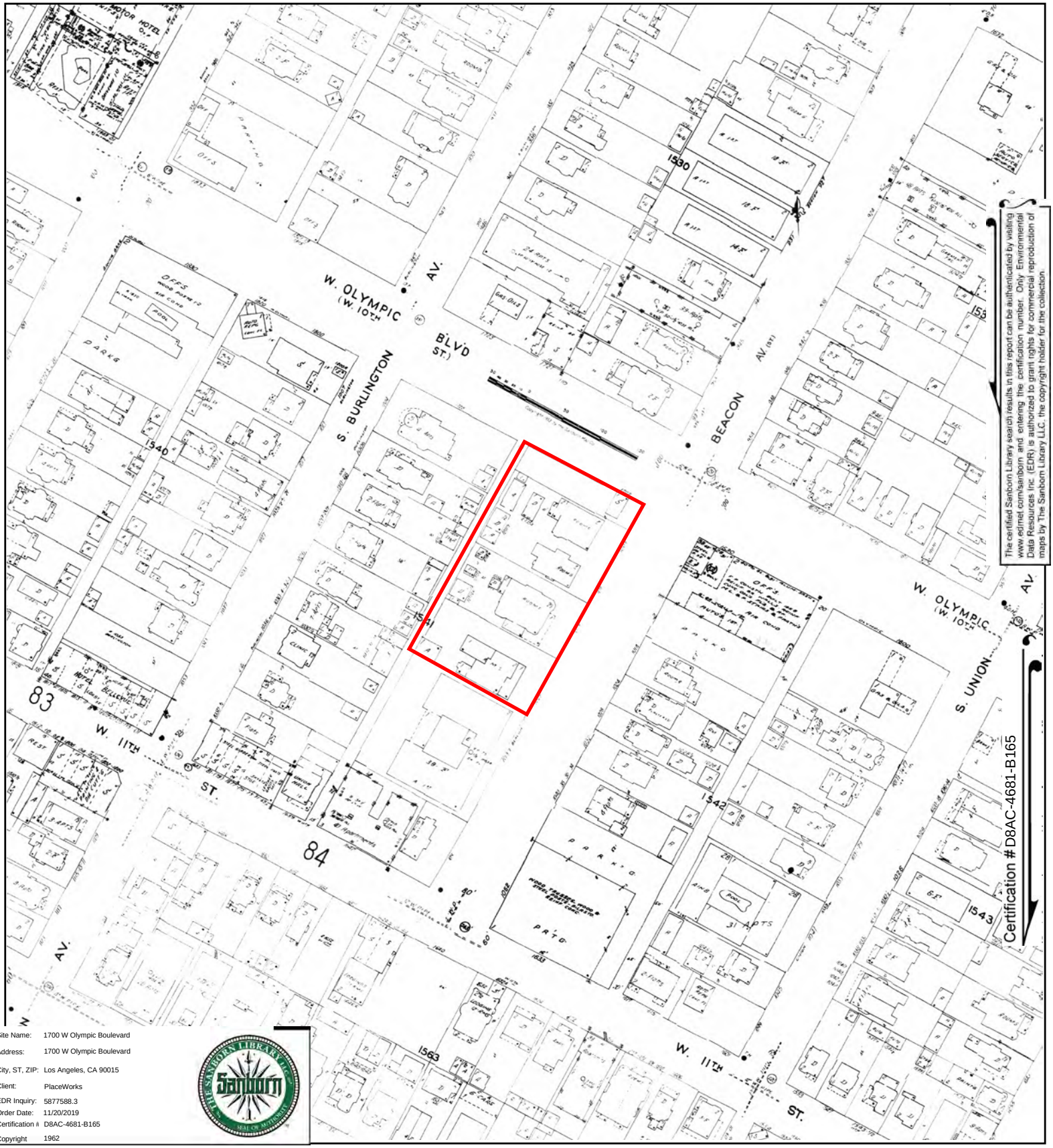
Certified Sanborn® Map

1962



Site Name:	1700 W Olympic Boulevard
Address:	1700 W Olympic Boulevard
City, ST, ZIP:	Los Angeles, CA 90015
Client:	PlaceWorks
EDR Inquiry:	5877588.3
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Certification #	D8AC-4681-B165
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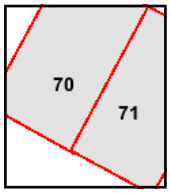

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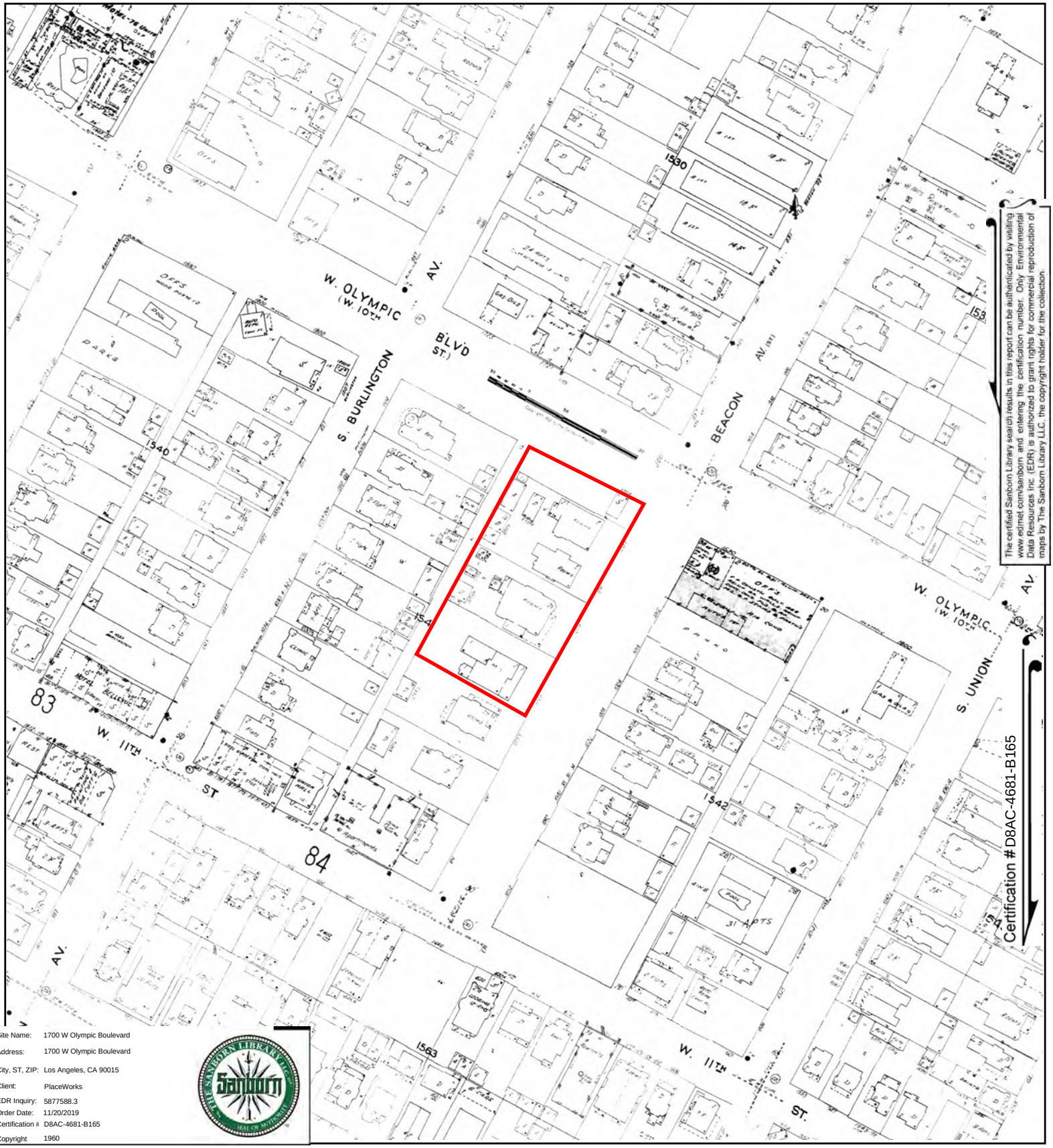
Certified Sanborn® Map

1960



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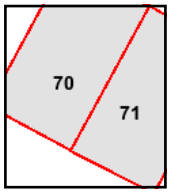

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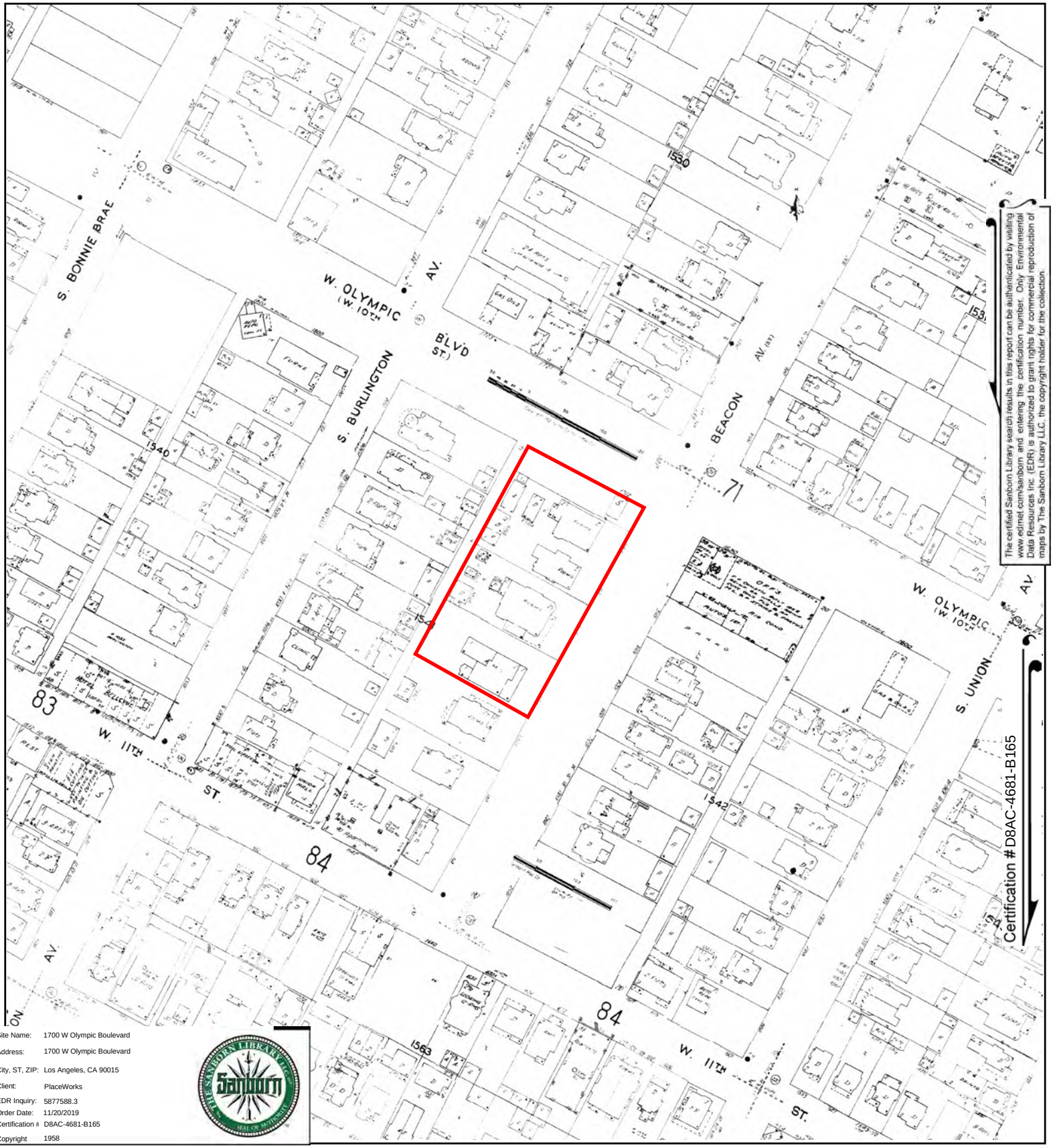
Certified Sanborn® Map

1958



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Copyright	1958

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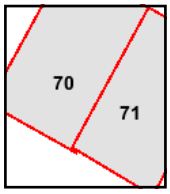

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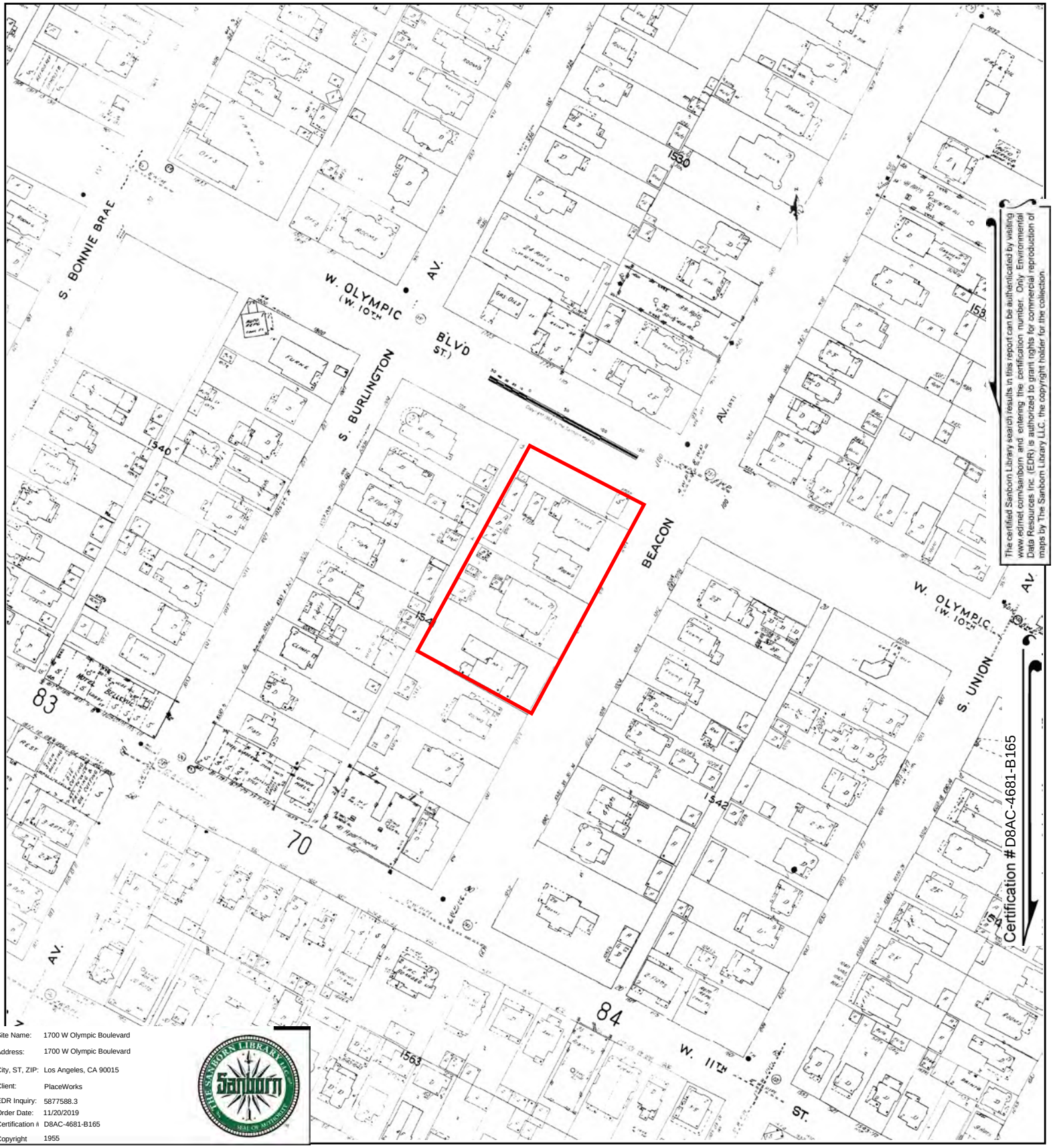
1955



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Copyright	1955

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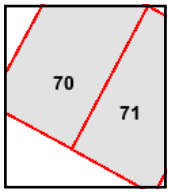

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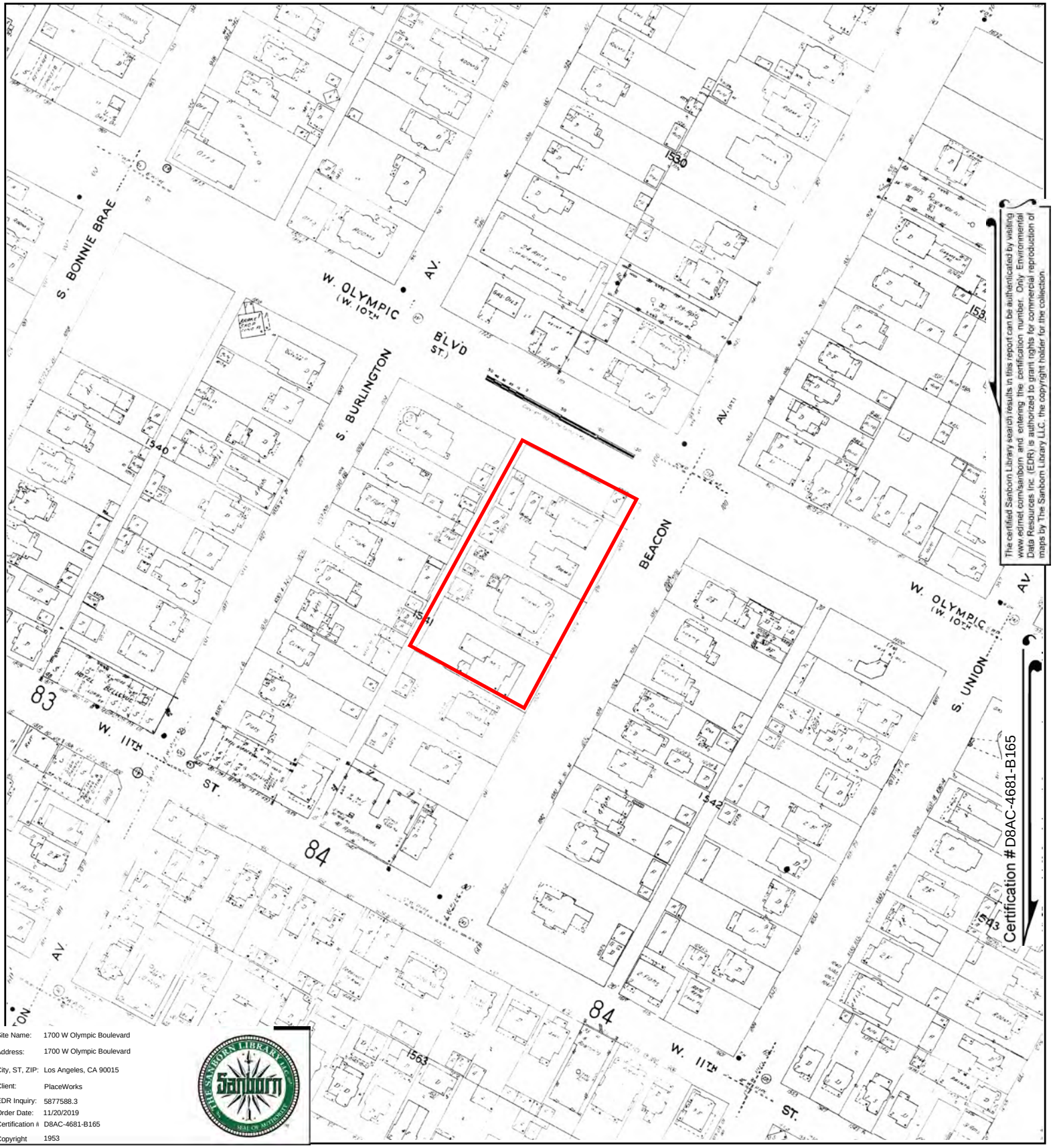
1953



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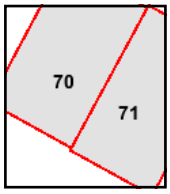

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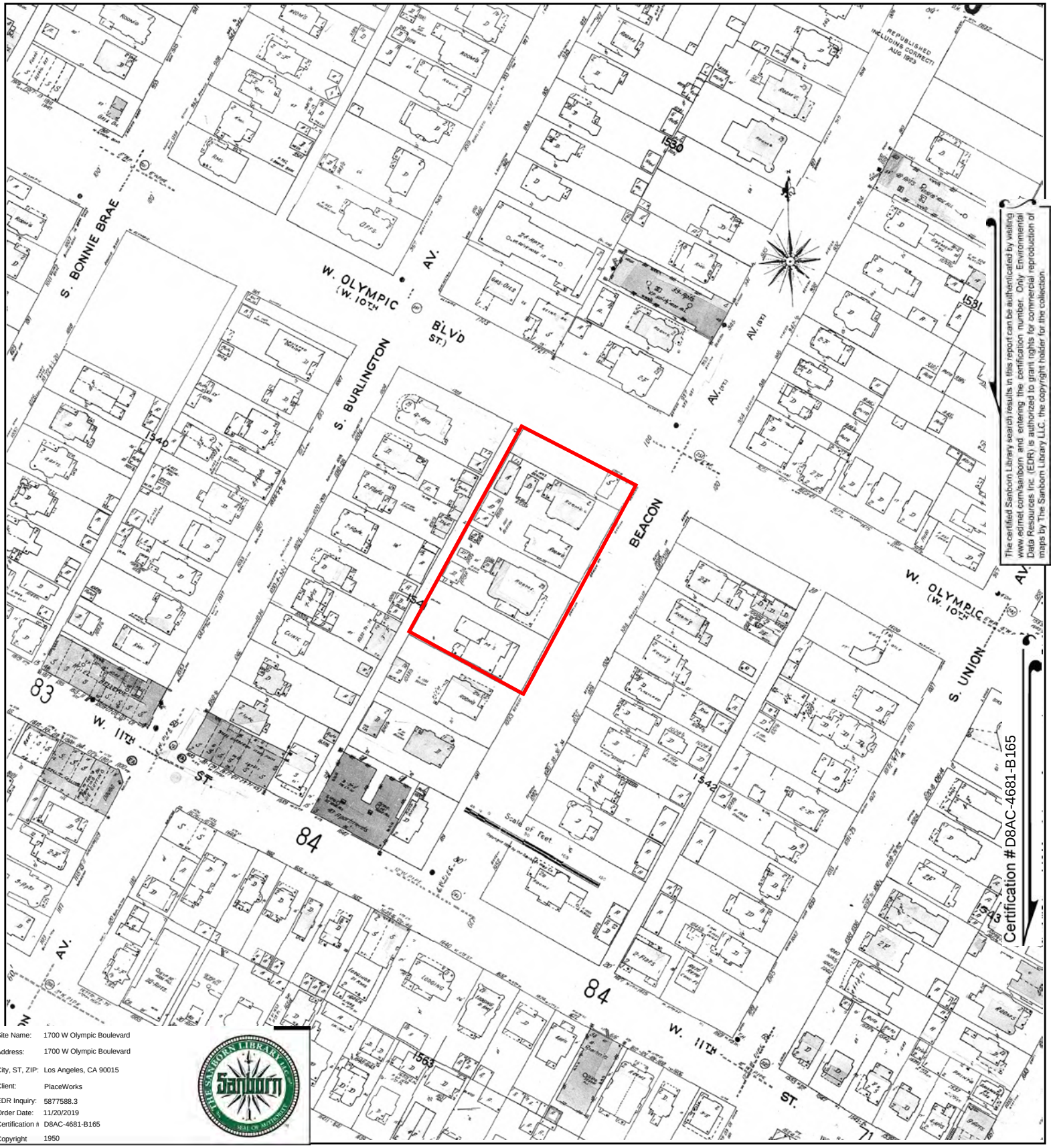
1950



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Copyright	1950

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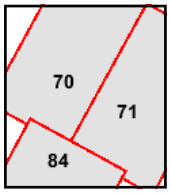

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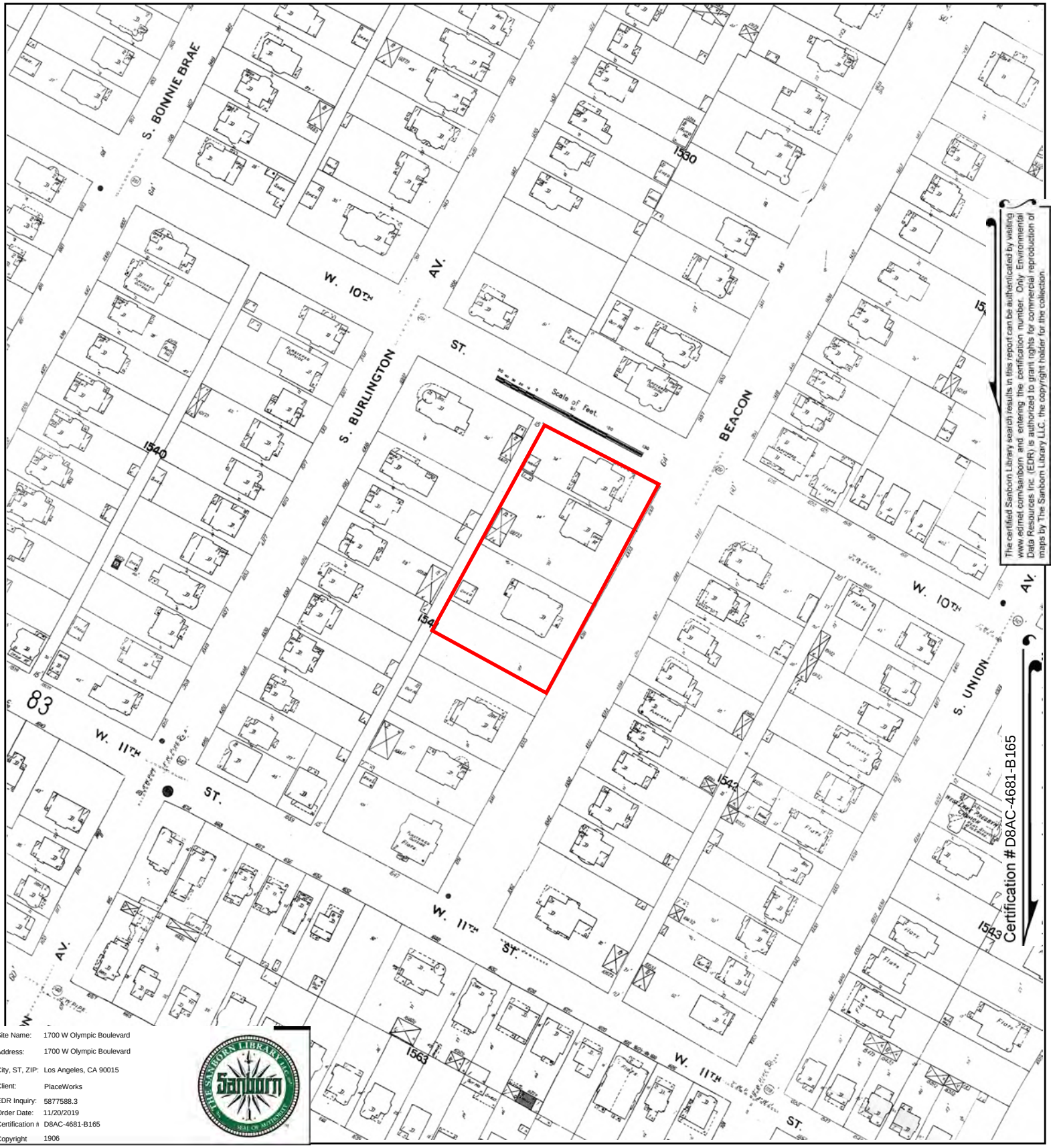
N

Certified Sanborn® Map

1906



Site Name:	1700 W Olympic Boulevard
Address:	1700 W Olympic Boulevard
City, ST, ZIP:	Los Angeles, CA 90015
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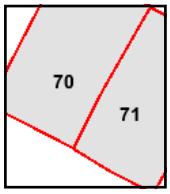

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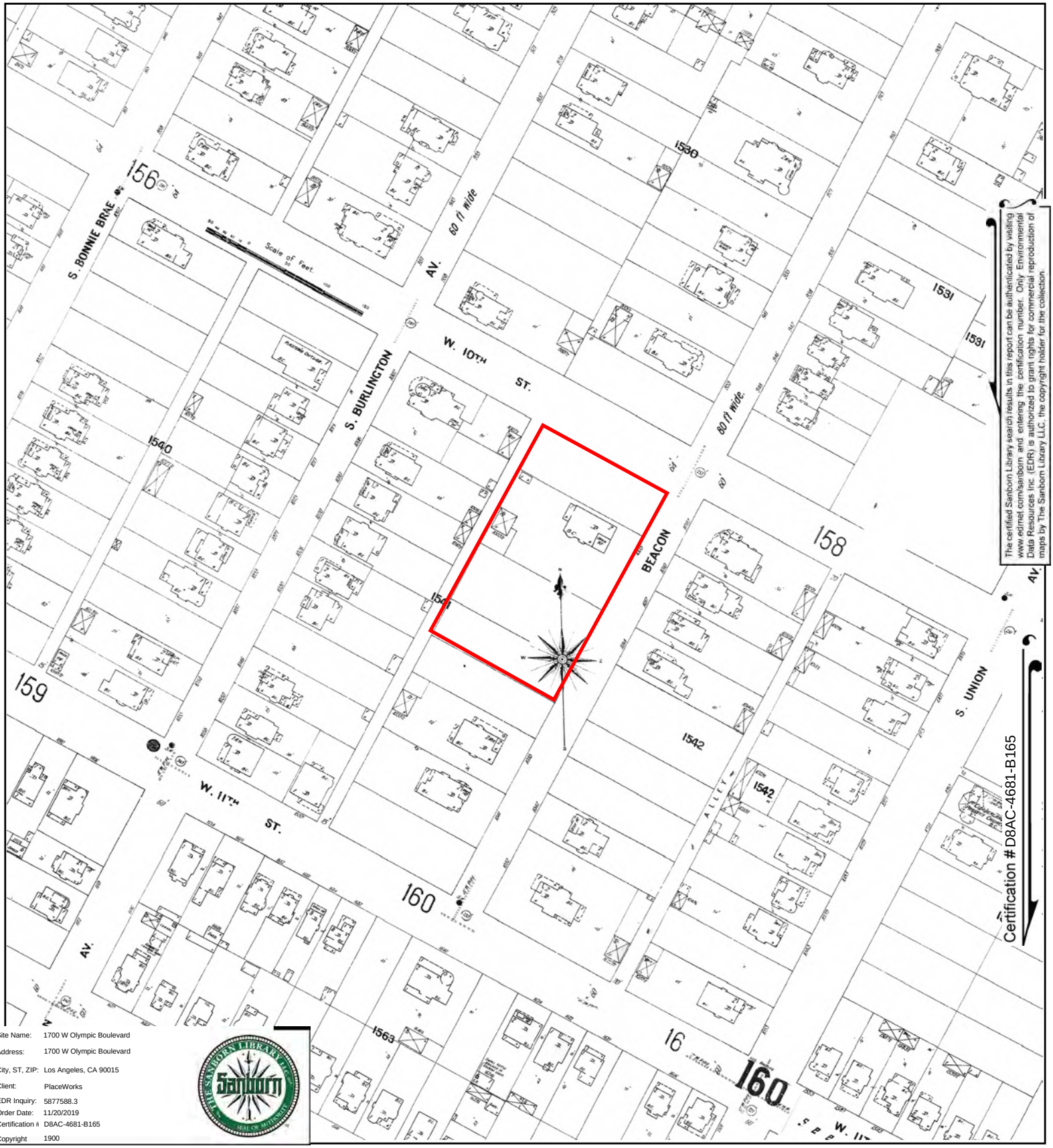
Certified Sanborn® Map

1900



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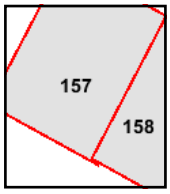

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N

1700 W Olympic Boulevard
1700 W Olympic Boulevard
Los Angeles, CA 90015

Inquiry Number: 5877588.5
November 20, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 332 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	-	X	X	-
	EDR Digital Archive	X	X	X	-
2006	Haines Company, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
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1985	Pacific Bell	-	X	X	-
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1976	Pacific Telephone	-	X	X	-
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1975	Pacific Telephone	-	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	-	-	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1700 W Olympic Boulevard
Los Angeles, CA 90015

FINDINGS DETAIL

Target Property research detail.

OLYMPIC BLVD W

1700 OLYMPIC BLVD W

Year	Uses	Source
2000	KOREAN MOK YANG CHURCH	Haines & Company

W Olympic Blvd

1700 W Olympic Blvd

Year	Uses	Source
2014	WORLD SPECIAL FEDERATION	EDR Digital Archive
2010	IGLESIA GUERREROS DE CRISTO	EDR Digital Archive
	KOREAN MOK YANG CHURCH	EDR Digital Archive
	OLYMPIC PRESBYTERIAN CHURCH	EDR Digital Archive

W OLYMPIC BLVD

1700 W OLYMPIC BLVD

Year	Uses	Source
2006	CHURCH	Haines Company, Inc
	CRISTO	Haines Company, Inc
	GUERREROS DE	Haines Company, Inc
	IGLESIA	Haines Company, Inc
	OLYMPIC	Haines Company, Inc
	PRESBYTERIAN	Haines Company, Inc
1990	BABY JIMMY S BALLOON & GIFT SHOP	Pacific Bell
1986	LUCKY LUGGAGE	Pacific Bell
1976	Soon You Fashions	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BEACON AVE

946 BEACON AVE

Year	Uses	Source
1951	Beacn Av Weaver Irene H r	Pacific Telephone & Telegraph Co.
1942	Phipps Clifford clk	Los Angeles Directory Co.
	MOSLEY Ruby	Los Angeles Directory Co.
	MILLER Chas H	Los Angeles Directory Co.
	LEVY Jos prsmn	Los Angeles Directory Co.
	CLARK Eliz Mrs nurse	Los Angeles Directory Co.
	Armeneo Danl clk	Los Angeles Directory Co.
1937	GIBSON Virginia O Mrs smstrs	Los Angeles Directory Co.
	Lake Harry J M Irene V slsmn	Los Angeles Directory Co.
	MYERS Gilbert sten	Los Angeles Directory Co.
	Strader Melvin driver	Los Angeles Directory Co.
1929	ANDREWS Geo D eng	Los Angeles Directory Co.
	BERNHARD Aug Margt	Los Angeles Directory Co.
	Kevis Dorothy M sten	Los Angeles Directory Co.
	Nehr Mary R sten	Los Angeles Directory Co.
	STEADMAN Lillian phone opr r	Los Angeles Directory Co.
1924	BELL Cath r	Los Angeles Directory Co.
	DEARING Walter W clk r	Los Angeles Directory Co.
	De Curtains Frances steno r	Los Angeles Directory Co.
	DONOVAN Blanche r	Los Angeles Directory Co.
	LEWIS Robt S struct eng Am System of Reinforcing r	Los Angeles Directory Co.
	Pringle L A r	Los Angeles Directory Co.
	Shukart H B h	Los Angeles Directory Co.
	Strombom Marguerite Mrs sec L H Evans r	Los Angeles Directory Co.

948 BEACON AVE

Year	Uses	Source
1951	Beacn Av Davenport Delos T Mrs r	Pacific Telephone & Telegraph Co.
1942	DAVENPORT Emma L wid D T	Los Angeles Directory Co.
	Davenport Blanche	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	Davenport Emma L wid Delos T	Los Angeles Directory Co.
1929	Bushnell Howard	Los Angeles Directory Co.
1924	DAVENPORT Emma L wid D T h	Los Angeles Directory Co.
	DAVENPORT Blanche r	Los Angeles Directory Co.

950 BEACON AVE

Year	Uses	Source
1924	Stoner E Mrs h	Los Angeles Directory Co.

952 BEACON AVE

Year	Uses	Source
1942	Beer Frank foty wkr	Los Angeles Directory Co.

953 BEACON AVE

Year	Uses	Source
2006	SANG Kyoon	Haines Company, Inc
	SILERTON Samuel	Haines Company, Inc
	SIN Sang Kyoon	Haines Company, Inc
2000	SIN Sang	Haines & Company
1990	STEVENS HARRY V	Pacific Bell
1986	BLEVINS R N	Pacific Bell
	BOIK AUGUST	Pacific Bell
	STEVENS HARRY V	Pacific Bell
1981	LI PERR FRANK P	Pacific Telephone
	STEVENS HARRY V	Pacific Telephone
1976	Li Perr Frank P	Pacific Telephone
	Stevens Harry V	Pacific Telephone
1951	S Beacn Av Liperr Thos r	Pacific Telephone & Telegraph Co.
	S Beacn Av Purcell Robt F r	Pacific Telephone & Telegraph Co.
1942	Klomann Anthony H Ida F fndywkr	Los Angeles Directory Co.
	Klomann Robt E lab	Los Angeles Directory Co.
	Lavalluer Alta	Los Angeles Directory Co.
	REED Ralph Kathryn typesetting	Los Angeles Directory Co.
	REID Wayne	Los Angeles Directory Co.
	Rolle Geo	Los Angeles Directory Co.
	WAYNE Reid E clk	Los Angeles Directory Co.
1937	ANDERSON Paul	Los Angeles Directory Co.
	BUSH Kath B Mrs	Los Angeles Directory Co.
	HOFFER Harriet	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	KELLY Anna M	Los Angeles Directory Co.
	Klomann Anthony H Ida F fndywkr	Los Angeles Directory Co.
	Klomann Robt E	Los Angeles Directory Co.
	Rally Frank	Los Angeles Directory Co.
	Rawlins Howard	Los Angeles Directory Co.
	TAYLOR Edw	Los Angeles Directory Co.
1929	ELLSWORTH R A slsmn C H Baker	Los Angeles Directory Co.
	Klomonn Anthony H Ida pntr	Los Angeles Directory Co.
	Klomonn Robt E clk	Los Angeles Directory Co.
	Parker Alice D sten	Los Angeles Directory Co.
	Waldraff Paul H tchr City Sch r	Los Angeles Directory Co.
	WRIGHT W H slsmn C H Baker r	Los Angeles Directory Co.
1924	Behrsin Aug r	Los Angeles Directory Co.
	Heinzeman Arta P clk r	Los Angeles Directory Co.
	Hellerman Geo civ eng r	Los Angeles Directory Co.
	h	Los Angeles Directory Co.
	Mc Kenna Mary G r	Los Angeles Directory Co.
	Symes L N Mrs r	Los Angeles Directory Co.

954 BEACON AVE

Year	Uses	Source
1951	Beacn Av Price Chas R r	Pacific Telephone & Telegraph Co.
1942	Church Danl W Grace baker	Los Angeles Directory Co.
	CLARKE Cynthia B	Los Angeles Directory Co.
	CULVER Fay L Mrs nurse	Los Angeles Directory Co.
	GREEN Nora	Los Angeles Directory Co.
	Kittleson Anna B clk	Los Angeles Directory Co.
	MORGAN Winifred sten	Los Angeles Directory Co.
	PRICE Chas R apt mgr	Los Angeles Directory Co.
1937	Green Nora	Los Angeles Directory Co.
	PRICE Chas R Della	Los Angeles Directory Co.
	Stucky Nancy	Los Angeles Directory Co.
1933	Philpot Mabel K Mrs	Los Angeles Directory Co.
1929	FRENCH Louise C wid F M	Los Angeles Directory Co.
	GREEN Nora housekpr	Los Angeles Directory Co.
	Heineman Sarah A tchr City Sch	Los Angeles Directory Co.
	Mc NEIL Florence sten	Los Angeles Directory Co.
	WALTER Saml slsmn r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Heineman Sarah A asst supvsr City Schools r	Los Angeles Directory Co.
	MURRAY Lucy teller Fidelity Sav & Loan Assn r	Los Angeles Directory Co.
	BIGGS Mary Mrs r	Los Angeles Directory Co.
	FRENCH Louise C Mrs h	Los Angeles Directory Co.

957 BEACON AVE

Year	Uses	Source
2006	KIMYong	Haines Company, Inc
	NAMSAN DANG	Haines Company, Inc
2000	KEE Sandra	Haines & Company
1990	CABRERA MARIA C	Pacific Bell
	ZIPORLIN L	Pacific Bell
1986	ZIPORLIN L	Pacific Bell
	CABRERA MARIA C	Pacific Bell
	FODNES ALFRED T	Pacific Bell
1981	MCPIKE N B	Pacific Telephone
	ZIPORLIN L	Pacific Telephone
1976	Ziporlin Leos Mrs	Pacific Telephone
	Mc Pike N B	Pacific Telephone
1951	Beacn Dugan Genevieve r	Pacific Telephone & Telegraph Co.
	Beacn Av Ziporlin Leon	Pacific Telephone & Telegraph Co.
1942	JONES Lora M Mrs dmnstr	Los Angeles Directory Co.
	KELLEY Arth A clk	Los Angeles Directory Co.
	Mc GHEE Della Mrs	Los Angeles Directory Co.
	PHILLIPS Merle M Mrs tel opr	Los Angeles Directory Co.
1929	Duer Olivia wid C A	Los Angeles Directory Co.
	Veidt Louise N smstrs r	Los Angeles Directory Co.
	WALKER Eliz D sten r	Los Angeles Directory Co.
1924	Duer C E Mrs h	Los Angeles Directory Co.
	Veidt Louise maid	Los Angeles Directory Co.
	WALKER Elizabeth D r	Los Angeles Directory Co.

958 BEACON AVE

Year	Uses	Source
1942	Rally Frank	Los Angeles Directory Co.
1924	NORTON Mollie Mrs r	Los Angeles Directory Co.

FINDINGS

959 BEACON AVE

Year	Uses	Source
1937	Veight Louise	Los Angeles Directory Co.
	WALKER Eliz D	Los Angeles Directory Co.
1929	MEAD Jerry E drftsmn	Los Angeles Directory Co.
	MEAD Jos E Margt eng	Los Angeles Directory Co.

963 BEACON AVE

Year	Uses	Source
1924	Heinzeman Elizabeth r	Los Angeles Directory Co.

975 BEACON AVE

Year	Uses	Source
1981	FODNES ALFRED T	Pacific Telephone

1001 BEACON AVE

Year	Uses	Source
1937	STEWART Margt Mrs	Los Angeles Directory Co.
	HARRIS M Eliz wid G W	Los Angeles Directory Co.
	WEBB Lillia T Mrs	Los Angeles Directory Co.
1929	MASON Thos	Los Angeles Directory Co.
	Hech Frank slsmn	Los Angeles Directory Co.
	Collins Bessie Wid J C	Los Angeles Directory Co.

1002 BEACON AVE

Year	Uses	Source
1937	Hart Jerry bkpr G S Donaldson Inv Co	Los Angeles Directory Co.
	Jimerfield Ella M Mrs mach opr	Los Angeles Directory Co.
	SNYDER Geo carp	Los Angeles Directory Co.
	Windisch John G Elma	Los Angeles Directory Co.
	Windisch Ernest F Betty musician	Los Angeles Directory Co.
	Windisch Geo tailor	Los Angeles Directory Co.
1933	ADAMS Ethel clk	Los Angeles Directory Co.
	MCKENZIE Ivan auto mech	Los Angeles Directory Co.
1929	Beresford Mary tchr Sec Coaching Sch	Los Angeles Directory Co.
	Barker Eliz wid J E	Los Angeles Directory Co.
	BRADFORD Mary sten	Los Angeles Directory Co.
	Lubein Mary wid H B	Los Angeles Directory Co.
	MACY Josephine wid Jose	Los Angeles Directory Co.
1924	PERRY Bertha Mrs r	Los Angeles Directory Co.
	DORAN Mary r	Los Angeles Directory Co.

FINDINGS

1003 BEACON AVE

Year	Uses	Source
1951	Beacn Av El Ray Apts	Pacific Telephone & Telegraph Co.
1942	BEASLEY Louis gdnr	Los Angeles Directory Co.
	COCHRAN Roy E	Los Angeles Directory Co.
	EDINGTON Eliz Mrs	Los Angeles Directory Co.
	GILBERT John M Opolline	Los Angeles Directory Co.
	PETERSON Nora Mrs	Los Angeles Directory Co.
	SCHMIDT Wm W Audrey driver	Los Angeles Directory Co.
	SMITH Chester Ruth clo clnr	Los Angeles Directory Co.
	SWANSON L Josie Mrs	Los Angeles Directory Co.
	WELLS Doris nurse	Los Angeles Directory Co.
	WOODWARD Ruby Mrs nurse	Los Angeles Directory Co.
1937	ALLISON Richd lab	Los Angeles Directory Co.
	BOWEN Geo	Los Angeles Directory Co.
	KOCH Gustav Matilda	Los Angeles Directory Co.
	Rundle Jos C	Los Angeles Directory Co.
1929	KOCH Gustave Mathilde carp	Los Angeles Directory Co.
	WILSON Clara wid J A r	Los Angeles Directory Co.
1924	BURGER Henry G slsmn Columbia Carbon Co h	Los Angeles Directory Co.
	BURGER Hugo r	Los Angeles Directory Co.
	CAREY Geo r	Los Angeles Directory Co.
	CAREY Warren E dftsmn Union Oil Co of Cal r	Los Angeles Directory Co.
	KOCH Gustav bldr h	Los Angeles Directory Co.
	Mc DONALD Gerald h	Los Angeles Directory Co.
	Mc LEAN Forrest r	Los Angeles Directory Co.
	Milliff Wm r	Los Angeles Directory Co.

1008 BEACON AVE

Year	Uses	Source
1951	Beacn Av Weaver B S r	Pacific Telephone & Telegraph Co.
	Beacn Av	Pacific Telephone & Telegraph Co.
	McDaniel Jacquelyn r	Pacific Telephone & Telegraph Co.
	Dodge Laura E r	Pacific Telephone & Telegraph Co.
	Beacn Av Mahy E r	Pacific Telephone & Telegraph Co.
1942	Belmont Rich W lab SPCo	Los Angeles Directory Co.
	Belmont Viola Mrs	Los Angeles Directory Co.
	Conner Emelia A	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	DAVIS Ethel beauty opr	Los Angeles Directory Co.
	Ewens Jane sten	Los Angeles Directory Co.
	Mahy Eug E Idelle	Los Angeles Directory Co.
	Strong Billie beauty opr	Los Angeles Directory Co.
1937	DAVIES J E Ethel	Los Angeles Directory Co.
	Mahy Eug F Adell mgr Beacon Court	Los Angeles Directory Co.
1933	OBRIEN Edw J refrig mech	Los Angeles Directory Co.
1929	Shatte Pierre Carrie eng h	Los Angeles Directory Co.
1924	Mahy Geno E slsmn Geo Phiffer r	Los Angeles Directory Co.
	Winkler Mayer rabbi Sinal Congregation h	Los Angeles Directory Co.
	Fifer Mary r	Los Angeles Directory Co.
	Fifer Geo r	Los Angeles Directory Co.

1010 BEACON AVE

Year	Uses	Source
1951	Beacn Av Loving Leona r	Pacific Telephone & Telegraph Co.
	Beacn Av Johnson Nellie r	Pacific Telephone & Telegraph Co.
1942	THOMAS Chas C Madge garagemn	Los Angeles Directory Co.
	Clay Hugh N Marie ship ftr	Los Angeles Directory Co.
1937	Mac Pherson Maria	Los Angeles Directory Co.
	Mac Pherson Jas mach	Los Angeles Directory Co.
	Beacon Court	Los Angeles Directory Co.
	Beidleman Bitty J sten Morrow Transportation Co	Los Angeles Directory Co.
	French Jas gdnr	Los Angeles Directory Co.
	Gritzner Mary	Los Angeles Directory Co.
	KELLEY Jas A aud	Los Angeles Directory Co.
	LEE John D Gertrude E mach	Los Angeles Directory Co.
1929	DAVIES Jas E Ethel eng	Los Angeles Directory Co.
1924	r	Los Angeles Directory Co.
	Mahy Idell h	Los Angeles Directory Co.
	Mason L L clk r	Los Angeles Directory Co.
	PETERSON Kath steno r	Los Angeles Directory Co.
	Phiffer Geo Phiffers r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	CORNELL Jas r	Los Angeles Directory Co.

FINDINGS

1011 BEACON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1951	Beacn Av Titelman Ben	Pacific Telephone & Telegraph Co.
1942	Dobinson Mary	Los Angeles Directory Co.
	TANNER Meta Mrs	Los Angeles Directory Co.
	Luxford Alice	Los Angeles Directory Co.
	Holland Abbie Mrs Indywkr	Los Angeles Directory Co.
	ELLIS Martha L Mrs	Los Angeles Directory Co.

1012 BEACON AVE

Year	Uses	Source
2000	ADRIAN Carl	Haines & Company
1951	Beacn Av Sherson Sam	Pacific Telephone & Telegraph Co.
1942	BOOTH John M Verna aircrftwkr	Los Angeles Directory Co.
	FISHER Dina Mrs	Los Angeles Directory Co.
	Glower Fred tool mkr	Los Angeles Directory Co.
	Tyra Carl H Jewel mech	Los Angeles Directory Co.
	Tyra Gene	Los Angeles Directory Co.
1937	WOOD Jack	Los Angeles Directory Co.
	AMES Ralph Indywkr	Los Angeles Directory Co.
	BURTON Edw	Los Angeles Directory Co.
	HOFFMAN Esie A wid P G clk	Los Angeles Directory Co.
	JOHNSON John A concrete fnshr	Los Angeles Directory Co.
	Lynch Jas P	Los Angeles Directory Co.
	Lynch Mary A	Los Angeles Directory Co.
1929	Allin Minerva smstrs	Los Angeles Directory Co.
	CHURCH Russell lab	Los Angeles Directory Co.
	HAUSER David P acct	Los Angeles Directory Co.
	JOHNSON Albt cement wkr	Los Angeles Directory Co.
	JOHNSON Carl cementwkr	Los Angeles Directory Co.
	LYNCH Mary A slsldy	Los Angeles Directory Co.
	Mc LAUGHLIN Eliz clk	Los Angeles Directory Co.
	Pretiprin Mary wid Jos r	Los Angeles Directory Co.
	STARR Mary tchr r	Los Angeles Directory Co.
1924	ANDERSON Anna B Mrs slswmn Paris Cloak & Suit House r	Los Angeles Directory Co.
	ANDERSON Wm A clk r	Los Angeles Directory Co.
	MARSH Martha r	Los Angeles Directory Co.
	PETERSON Albt L gard r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Seese Julia h	Los Angeles Directory Co.

1014 BEACON AVE

Year	Uses	Source
2000	ADRIAN Carl	Haines & Company
1951	Beacn Av Smith Martin J r	Pacific Telephone & Telegraph Co.
1942	Jubinville Cecelia	Los Angeles Directory Co.
	Rutman Max	Los Angeles Directory Co.
	SLOAN Fred	Los Angeles Directory Co.
	SMITH Martin J Kathleen slsmn	Los Angeles Directory Co.
	Wheatley Edw Ruth sta atdt	Los Angeles Directory Co.
	Williams Louise Waiter	Los Angeles Directory Co.
1937	HURST Peter F Floral E carp	Los Angeles Directory Co.
1929	Ridings Ellen M wid W H h	Los Angeles Directory Co.
	Westhoff Bertha sten r	Los Angeles Directory Co.
	Wuesthoff Bertha H sten r	Los Angeles Directory Co.
1924	Moody Burdett h	Los Angeles Directory Co.
	Moody Charlotte E tchr r	Los Angeles Directory Co.
	MOODY Helen E wid G C r	Los Angeles Directory Co.

1018 BEACON AVE

Year	Uses	Source
1937	WOOD Cecelia A hostess Contract Bridge Club	Los Angeles Directory Co.

1019 BEACON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Afrig Robt Edw	Pacific Telephone
	Cabrera Danl	Pacific Telephone
	Mondell Mary E	Pacific Telephone
1951	Beacn Av	Pacific Telephone & Telegraph Co.
	Stamper Bessie r	Pacific Telephone & Telegraph Co.
	Beacn Av Henze Nelle Miss r	Pacific Telephone & Telegraph Co.
	Beacn Av Hurley Mark r	Pacific Telephone & Telegraph Co.
	Beacn Av Warrick Welthy r	Pacific Telephone & Telegraph Co.
1942	Warrick Weltliy wid B A	Los Angeles Directory Co.
	BROWN Anna slswn	Los Angeles Directory Co.
	CAMPBELL Lloyd mech	Los Angeles Directory Co.
	Charles Harold J	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	COTTER Leo chauf	Los Angeles Directory Co.
	Dellamater Kenneth with Cosgrove & ONell	Los Angeles Directory Co.
	Felt Edith	Los Angeles Directory Co.
	Gee Walter slsmn	Los Angeles Directory Co.
	Gee Wm S	Los Angeles Directory Co.
	Hardman Donald aircrftwkr	Los Angeles Directory Co.
	JOHNSON Corrine nurse	Los Angeles Directory Co.
	JONES Edw V Gail M Personality Foundation	Los Angeles Directory Co.
	Powell Alice Mrs	Los Angeles Directory Co.
	PUMPHREY Roy L Sallie slsmn	Los Angeles Directory Co.
	Short Victor L Marrian clk CDPA	Los Angeles Directory Co.
	STANTON Edw	Los Angeles Directory Co.
	STEVENS Eva slswn	Los Angeles Directory Co.
	Thorscell Esther writer	Los Angeles Directory Co.
1937	BUTLER Jonathan	Los Angeles Directory Co.
	Contract Bridge Club Thos Stoddard mgr	Los Angeles Directory Co.
	MITCHELL Lola hsekpr	Los Angeles Directory Co.
	MURRAY C R roofer	Los Angeles Directory Co.
	Sobel Albt writer	Los Angeles Directory Co.
	Wade Francis L agt New England Mut Life Ins Co	Los Angeles Directory Co.
	WHITE Helen bridge tchr	Los Angeles Directory Co.
1933	MARSH Truman unit mgr Coml Credit Co	Los Angeles Directory Co.
	TUCKER Jos	Los Angeles Directory Co.
	Wade Francis L spl agt Prudential Ins Co	Los Angeles Directory Co.
1929	BARRETT Jos E carp	Los Angeles Directory Co.
	Beckman Ray E cabtmkr	Los Angeles Directory Co.
	Beddoe Elliot slsmn	Los Angeles Directory Co.
	Berner Herbt H clk Seaboard Natl Bank	Los Angeles Directory Co.
	Berner Hugh chauf	Los Angeles Directory Co.
	BOWMAN Philip W clk	Los Angeles Directory Co.
	BOWMAN Wm W clk	Los Angeles Directory Co.
	CHRISTENSEN Walter surv	Los Angeles Directory Co.
	COOK Jean lab	Los Angeles Directory Co.
	COOPER Bertha sten	Los Angeles Directory Co.
	DEATON Wm C autokwkr	Los Angeles Directory Co.
	Duane Blanche L bkpr	Los Angeles Directory Co.
	EDWARDS Kenneth B chef	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	EMERSON Geo lab	Los Angeles Directory Co.
	ERICKSON Harry sht mtl wkr	Los Angeles Directory Co.
	Flaws Harry solr	Los Angeles Directory Co.
	Fleck Bertha sten	Los Angeles Directory Co.
	FOLEY Monica M sten	Los Angeles Directory Co.
	Govenius Dora clk	Los Angeles Directory Co.
	HALL Thos B clk	Los Angeles Directory Co.
	Helwig Edith A sten	Los Angeles Directory Co.
	Jirdon Myron G blrmkr	Los Angeles Directory Co.
	Kunkler Dorothy sten	Los Angeles Directory Co.
	Kunkler Larry E slsmn	Los Angeles Directory Co.
	Mc Murphy Leora office mgr Adams Goodman Co	Los Angeles Directory Co.
	MASON Louis mtrmn	Los Angeles Directory Co.
	Moxley Harry chauf	Los Angeles Directory Co.
	NICHOLLS Robt	Los Angeles Directory Co.
	Norrie Anne wid J E	Los Angeles Directory Co.
	PALMER Helen waiter	Los Angeles Directory Co.
	PETERSON Doris sten	Los Angeles Directory Co.
	Piederman Albt slsmn	Los Angeles Directory Co.
	Potts Harvey H r	Los Angeles Directory Co.
	ROGERS Eleanor tchr r	Los Angeles Directory Co.
	SACHS Leo C auto mach r	Los Angeles Directory Co.
	STEVENS Henry T sury r	Los Angeles Directory Co.
	STODDARD Thos W mgr Terrace Gardens Hotel h	Los Angeles Directory Co.
	Stumpf Leonard firemn r	Los Angeles Directory Co.
	Terrace Gardens Hotel	Los Angeles Directory Co.
	THOMPSON Edith bkpr r	Los Angeles Directory Co.
	THOMPSON Neva E smstrs r	Los Angeles Directory Co.
	WHITMARCH Walter H clk r	Los Angeles Directory Co.
	WOOD Ann wid P J r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	WRIGHT Thos W Frances mfrs agt	Los Angeles Directory Co.
1924	Bagshawe Edwd N slsmn r	Los Angeles Directory Co.
	Baum Chas S banker r	Los Angeles Directory Co.
	BEATTY Ethel tchr r	Los Angeles Directory Co.
	BERNARD Edna compt opr r	Los Angeles Directory Co.
	CARTER T J constr eng r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	CARUTHERS J L contr eng r	Los Angeles Directory Co.
	Chester Frances C bkpr r	Los Angeles Directory Co.
	Chester Gertrude bkpr r	Los Angeles Directory Co.
	Cordon Minnie A apt mgr r	Los Angeles Directory Co.
	Cully A r	Los Angeles Directory Co.
	Dohn Frank P slsmn Western Lithograph Co r	Los Angeles Directory Co.
	Durie Arthur slsmn Lucas Realty Co r	Los Angeles Directory Co.
	Durie Fredk S gen agt Pacific Mail Steamship Co r	Los Angeles Directory Co.
	Ellithorpe Ruth asst mgr Terrace Gardens Hotel r	Los Angeles Directory Co.
	Ervin Gladys steno r	Los Angeles Directory Co.
	Ewton M clk r	Los Angeles Directory Co.
	FITZGERALD Pearl clk r	Los Angeles Directory Co.
	Henricksen Karna tchr h	Los Angeles Directory Co.
	Heratty Lucile steno r	Los Angeles Directory Co.
	Higdon J gard r	Los Angeles Directory Co.
	Jacobson Esther steno r	Los Angeles Directory Co.
	JACQUELIN SYDNEY S M D Physician Brights Disease Diabetes and Dietetics Exclusively Consultation by Appointment Only	Los Angeles Directory Co.
	Michaels Ella Mrs cook r	Los Angeles Directory Co.
	Miller Margt Steno r	Los Angeles Directory Co.
	MITCHELL R Boyd Terrace Gardens Hotel h	Los Angeles Directory Co.
	MITCHELL R Mrs mgr Terrace Gardens Hotel r	Los Angeles Directory Co.
	NEWBY E N Mrs r	Los Angeles Directory Co.
	NICHOLSON Kath M steno r	Los Angeles Directory Co.
	REECE Howard R real est r	Los Angeles Directory Co.
	RHODES Muriel D mfr r	Los Angeles Directory Co.
	Rieffestahl Gao P r	Los Angeles Directory Co.
	Sapero M clk r	Los Angeles Directory Co.
	SHAFFER C J eng r	Los Angeles Directory Co.
	STODDARD Mata cashr Blue Blrd Catering Co r	Los Angeles Directory Co.
	STODDARD T W collr r	Los Angeles Directory Co.
	STUMPF Emerson E clk r	Los Angeles Directory Co.
	STUMPF E G real est r	Los Angeles Directory Co.
	TEMPLETON J E eng r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Terrace Ga dens Hotel	Los Angeles Directory Co.
	WALTERS J Frank J F Walters Co h	Los Angeles Directory Co.
	WHELAN Kathleen tchr r	Los Angeles Directory Co.

1023 BEACON AVE

Year	Uses	Source
1937	COCHRAN Ralph O jr mech	Los Angeles Directory Co.

1024 BEACON AVE

Year	Uses	Source
2000	ADRIAN Carl	Haines & Company
1958	Baez Isidoro	Pacific Telephone
1951	Beacn Av Baez Isidoro r	Pacific Telephone & Telegraph Co.
1942	WINTER Mary smstrs	Los Angeles Directory Co.
	WILLIAMS John	Los Angeles Directory Co.
	SWANSON David slsmn	Los Angeles Directory Co.
	Raven Lillian	Los Angeles Directory Co.
	Mc LANE Mary	Los Angeles Directory Co.
	Jakeman Hulda P Mrs	Los Angeles Directory Co.
	ANDERSON Thos slsmn	Los Angeles Directory Co.
	GERMAN Kath mach opr	Los Angeles Directory Co.
1937	BEACON Home Apartments	Los Angeles Directory Co.
	BURG Clara E	Los Angeles Directory Co.
	Jakeman Hulda B wid J T	Los Angeles Directory Co.
	STUART Louis restrwkr	Los Angeles Directory Co.
	SWANSON David N slsmn	Los Angeles Directory Co.
	Willemson Leo gdnr	Los Angeles Directory Co.
1929	JACKSON Marvin L clk	Los Angeles Directory Co.
	Lloyd Roseland B usher	Los Angeles Directory Co.
	Mc COY Alice M wid E B	Los Angeles Directory Co.
	SCHULTZ Florein M sten r	Los Angeles Directory Co.
1924	Ewton Wm V clk r	Los Angeles Directory Co.

1025 BEACON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Smith Spencer	Pacific Telephone
1958	Bliss Wm M	Pacific Telephone
	Bliss Wm M	Pacific Telephone

FINDINGS

Year	Uses	Source
1951	Logan Jas J	Pacific Telephone & Telegraph Co.
	Beacn Av Rader Louise D r	Pacific Telephone & Telegraph Co.
	Beacn Av Bliss Wm M	Pacific Telephone & Telegraph Co.
	Bliss Wm M r	Pacific Telephone & Telegraph Co.
	Beacn Av	Pacific Telephone & Telegraph Co.

1028 BEACON AVE

Year	Uses	Source
2006	CALDERON Angelica	Haines Company, Inc
	CASTELLANO Luls	Haines Company, Inc
	TORRES Patrida	Haines Company, Inc
	ZELAYA Francisco	Haines Company, Inc
	A BENITEZAbel	Haines Company, Inc
	A CARBALLO Jose	Haines Company, Inc
2000	ARAGON Edgardo	Haines & Company
	ZELAYA Hermenegildo	Haines & Company
	a 1/2 XOCHICALE Mauro	Haines & Company
1990	CRUZ LIGIA E	Pacific Bell
	HERRERA R	Pacific Bell
	MARTINEZ JUAN CARLOS	Pacific Bell
	PENA JUAN PABLO	Pacific Bell
1986	FLORES ANA A	Pacific Bell
	RODRIGUEZ ARTURO R	Pacific Bell
1981	SMITH ROSEMARY	Pacific Telephone
1976	Smith Rosemary	Pacific Telephone
1951	Beacn Brunner Paul M r	Pacific Telephone & Telegraph Co.
	Beacn Conner Leslie B r	Pacific Telephone & Telegraph Co.
	Beacn Leek Marion G r	Pacific Telephone & Telegraph Co.
	Beacn Av Miller Georgia r	Pacific Telephone & Telegraph Co.
1942	DAVIS Winifred Mrs	Los Angeles Directory Co.
	DEARBORN Frank L Rose	Los Angeles Directory Co.
	Glander Bertha	Los Angeles Directory Co.
	Heimer Albt gdnr	Los Angeles Directory Co.
	Mc INTYRE Russell Eliz	Los Angeles Directory Co.
	PHILLIPS Alice	Los Angeles Directory Co.
1937	Kalionzes Andigo bkpr Gust Picoulas & Co	Los Angeles Directory Co.
	Kalionzes Constantine P Lamprini C phys	Los Angeles Directory Co.
	Kalionzes Eletra	Los Angeles Directory Co.
	Kalionzes Ethel	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Kalionzes Antigonei	Los Angeles Directory Co.
	Kalionzes Helen	Los Angeles Directory Co.
1929	Damaskos Kath wid J D	Los Angeles Directory Co.
	res	Los Angeles Directory Co.
	KALIONZES CONSTANTINE P Lamprinl Physician and Surgeon	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

1030 BEACON AVE

Year	Uses	Source
2006	FLORES Estela	Haines Company, Inc
	ZAPATAYariza	Haines Company, Inc

1032 BEACON AVE

Year	Uses	Source
2006	MUNOZAusencio L	Haines Company, Inc
1976	Lucas Laura M	Pacific Telephone
1951	Beacn Av Lucas Laura M r	Pacific Telephone & Telegraph Co.
1942	LUCAS Saml D Laura	Los Angeles Directory Co.
	Nimkoff Frances L	Los Angeles Directory Co.
1937	LUCAS Saml D Laura M	Los Angeles Directory Co.
1929	HOLMAN Gladys R clk U of S C	Los Angeles Directory Co.
	LUCAS Frances S tchr U of S C	Los Angeles Directory Co.
	LUCAS Saml D Laura	Los Angeles Directory Co.
1924	Lucas Saml D h	Los Angeles Directory Co.
	Lucas Frances S tchr r	Los Angeles Directory Co.

Beacon Ave

1033 Beacon Ave

Year	Uses	Source
2014	FRANCISCO JAVIER MENJIVAR	EDR Digital Archive

BEACON AVE

1033 BEACON AVE

Year	Uses	Source
2006	APARTMENTS	Haines Company, Inc
	BRAVO Guadalupe	Haines Company, Inc
	CARDONA Oscar	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	CORADOOrrldo	Haines Company, Inc
	DOMINGUEZAlba	Haines Company, Inc
	ESCOBAR Eladio	Haines Company, Inc
	GARCIA Chino	Haines Company, Inc
	GIORGE Isabel	Haines Company, Inc
	GRANADA Emma	Haines Company, Inc
	ORELLANAJose A	Haines Company, Inc
	ORTIZ Guadalupe	Haines Company, Inc
	ORTIZ Martha	Haines Company, Inc
	PEREZNeri	Haines Company, Inc
	PEREZSantago RAMOSK	Haines Company, Inc
	RIVERAJose	Haines Company, Inc
	ROJAS Maria	Haines Company, Inc
	VALDEZ Susana	Haines Company, Inc
2000	APARTMENTS BEACON Herman	Haines & Company
	CARDONA Oscer	Haines & Company
	CHOI In Tuek	Haines & Company
	CHOJOLANAGUILAR Eric	Haines & Company
	GONZALEZ Celia	Haines & Company
	LOPEZ Roberto	Haines & Company
	MARTINEZ Jose	Haines & Company
	MORATAYA Mario R	Haines & Company
	ORELLANA Jose A	Haines & Company
	PRADO G	Haines & Company
	SANCHEZ Manano	Haines & Company
	VALDEZ Susana	Haines & Company
1990	ACEITUNO HERMES	Pacific Bell
	CALI CARLOS E	Pacific Bell
	CARIAS MILTON	Pacific Bell
	COOK THOS L	Pacific Bell
	COOK TOMAS LEON	Pacific Bell
	FRANCISCO FRANCISCO A	Pacific Bell
	HAFNER M	Pacific Bell
	HERNANDEZ OLIVERIO	Pacific Bell
	JIMENEZ IRMA	Pacific Bell
	LOPEZ ROBERTO	Pacific Bell
	MARTINEZ ROMEO	Pacific Bell
	SAGASTUME VICENTE ARMANDO	Pacific Bell

FINDINGS

Year	Uses	Source
1990	SAR SITHAL	Pacific Bell
1986	ALEJANDRE JESUS	Pacific Bell
	BARRELA JOSE	Pacific Bell
	BONILLA MARIA	Pacific Bell
	CALI CARLOS E	Pacific Bell
	COOK THOS L	Pacific Bell
	COOK TOMES LEON	Pacific Bell
	CORTEZ ALFREDO	Pacific Bell
	HAFNER M	Pacific Bell
	LOPEZ ROBERTO	Pacific Bell
	PACHECO ELSA	Pacific Bell
	RODRIGUEZ JOSE A	Pacific Bell
	SAR SITHAL	Pacific Bell
	SCHWEINISTER LISA	Pacific Bell
1981	CARLOS E	Pacific Telephone
	CASTELLANOS MIGUEL	Pacific Telephone
	CASTILLO JAIME ERNESTO	Pacific Telephone
	THOS L	Pacific Telephone
	TOMAS LEON	Pacific Telephone
	CORTEZ ALFREDO	Pacific Telephone
	CRUZ MARIO	Pacific Telephone
	CRUZ OLIVA	Pacific Telephone
	GARCIA LEONEL	Pacific Telephone
	GARCIA ROGELIO	Pacific Telephone
	GUZMAN NICK	Pacific Telephone
	HAFNER M	Pacific Telephone
	LOPEZ ROBERTO	Pacific Telephone
	MEDRANO HERMAN	Pacific Telephone
	OROZCO FRANCISCO	Pacific Telephone
	RODRIGUEZ NERY E	Pacific Telephone
	SAR SITHAN	Pacific Telephone
	SLAUGHTER THOMAS	Pacific Telephone
	TIPPAPOM MORANONDHA MRS	Pacific Telephone
	WIENER DAN	Pacific Telephone
1976	Asuncion Librada	Pacific Telephone
	Avilez Jaime	Pacific Telephone
	Becerra J	Pacific Telephone
	Brown Emma	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	Cali Mercedes	Pacific Telephone
	Cruz Mario	Pacific Telephone
	Dominguez Irma	Pacific Telephone
	Dwyer Edw F	Pacific Telephone
	Hendrix Freddie	Pacific Telephone
	Marroquin Otto	Pacific Telephone
	Ponce De Leon Arthuro	Pacific Telephone
	Raymond Ralph	Pacific Telephone
	Rivera Ana Maria	Pacific Telephone
	Slaughter Thomas	Pacific Telephone
	Somanandana Wanwipa	Pacific Telephone
1951	Beacn Av Dwight Parker E r	Pacific Telephone & Telegraph Co.
	S Beacn Av McElroy Harry	Pacific Telephone & Telegraph Co.
1942	BUTLER Lillie Mrs	Los Angeles Directory Co.
	COOPER David	Los Angeles Directory Co.
	FISCHER Julius	Los Angeles Directory Co.
	HAWKINS Wm	Los Angeles Directory Co.
	Kannerer Eliz	Los Angeles Directory Co.
	KISER Saml M Alice M garagemn	Los Angeles Directory Co.
	KISER Verne Edith garagemn	Los Angeles Directory Co.
	MARTINS Margt	Los Angeles Directory Co.
	Measles John	Los Angeles Directory Co.
	SWAIN Thos V Margt bkbndr Ideal System Co	Los Angeles Directory Co.
1937	Appolonia Harry J slsmn May Co	Los Angeles Directory Co.
	Bemean Frank	Los Angeles Directory Co.
	COCHRAN Ralph O	Los Angeles Directory Co.
	COCHRAN Thos L carp	Los Angeles Directory Co.
	HALL Benj musician	Los Angeles Directory Co.
	Johnson Arth W	Los Angeles Directory Co.
	JOHNSTON David T slsmn Ruskin Co	Los Angeles Directory Co.
	Knight Jack slsmn	Los Angeles Directory Co.
	SHEPPARD H Alf carp	Los Angeles Directory Co.
	TUCKER Jos mach	Los Angeles Directory Co.
	Velequett Jack sten	Los Angeles Directory Co.
1933	TRACY Florence clk	Los Angeles Directory Co.
	TUCKER Jos jr Nellie mech	Los Angeles Directory Co.
1929	COLLINS Ruth E clk	Los Angeles Directory Co.
	ROBINSON Sarah E wid O R h	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	h	Los Angeles Directory Co.
	CALL Joseph L r	Los Angeles Directory Co.

1034 BEACON AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1990	ROSERO FANNY	Pacific Bell
1986	ROSERO FANNY	Pacific Bell
1951	S Beacn Av Ickes Harry W r	Pacific Telephone & Telegraph Co.
1942	Supe Chas Lucinda	Los Angeles Directory Co.
1933	Eden Martha clk Bank of Am	Los Angeles Directory Co.
	Eden Alice R sten	Los Angeles Directory Co.
1924	Alkire Stuart E h	Los Angeles Directory Co.

1036 BEACON AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1990	DEL CID SUSANA	Pacific Bell
1986	DELCID SUSANA	Pacific Bell
1951	Beacn Av Macdonald Garda S r	Pacific Telephone & Telegraph Co.
1942	Mac DONALD Cecil B	Los Angeles Directory Co.
	Mac DONALD Garda S Mrs nurse	Los Angeles Directory Co.
1937	Mac DONALD Cecil B pharm	Los Angeles Directory Co.
	Mac Donald Garda S nurse	Los Angeles Directory Co.

1038 BEACON AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
2000	VILLASANA Eloisa	Haines & Company
1986	ESCOBAR PORFIRIO	Pacific Bell
1981	WILLETT MARJORIE	Pacific Telephone
1976	Wzorek Ladislao Andres	Pacific Telephone
1951	Beacn Av Alkire S E r	Pacific Telephone & Telegraph Co.
1942	Alkire Mary E	Los Angeles Directory Co.
1937	Alkire Mary E wid J B	Los Angeles Directory Co.
	Alkire Stuart E Vara P	Los Angeles Directory Co.
1929	Alkire Stuart E Vara autos	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	Alkire Mary E wid J B	Los Angeles Directory Co.
1924	Alkire J B r	Los Angeles Directory Co.

1040 BEACON AVE

Year	Uses	Source
2006	o GONZALEZJuan	Haines Company, Inc
2000	GONZALEZ Juan	Haines & Company
1937	Hutchison Jack H Ruth slsmn Pelton Motor Co	Los Angeles Directory Co.
1929	Lynne Robt demonstrator	Los Angeles Directory Co.
	Lyne F R clk	Los Angeles Directory Co.
	DAVIDSON Wm Z Mabel music tchr	Los Angeles Directory Co.
1924	Codon Matthew M h	Los Angeles Directory Co.

1041 BEACON AVE

Year	Uses	Source
1951	Beacn Av Klima Agnes r	Pacific Telephone & Telegraph Co.
	Beacn Av Phoenix Hazel Mrs r	Pacific Telephone & Telegraph Co.
	Beacn Av Williamson Sarah Alice r	Pacific Telephone & Telegraph Co.
1942	Barbe Wm	Los Angeles Directory Co.
	Beurrier Wm J Agnes	Los Angeles Directory Co.
	Bobbitt Scott Lois	Los Angeles Directory Co.
	Fritz Dora sten	Los Angeles Directory Co.
	GOODWIN Minnie	Los Angeles Directory Co.
	Heredia Mary Mrs beauty shop	Los Angeles Directory Co.
	MERCER Jos	Los Angeles Directory Co.
	MILLER Mary beauty opr	Los Angeles Directory Co.
	OGDEN John Lillian	Los Angeles Directory Co.
	PEREZ Anthony Louise cook	Los Angeles Directory Co.
	RICHARDS Holmes Chiristine	Los Angeles Directory Co.
	WELLS Alf Mary P tmkpr	Los Angeles Directory Co.
	Heredia Eug plstr	Los Angeles Directory Co.
1937	Chafe Raymond L auto mech	Los Angeles Directory Co.
	Chafe Ruby E Mrs	Los Angeles Directory Co.
	CONNER Martha J Mrs clk	Los Angeles Directory Co.
	FITZGERALD Edw carp	Los Angeles Directory Co.
	Keenan Eudora Mrs sten D G Taylor	Los Angeles Directory Co.
	MATHEWS Lawrence serv sta	Los Angeles Directory Co.
	Moses Ernest M driver	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	Mullins Evelyn E clk	Los Angeles Directory Co.
	SANBORN Jos police	Los Angeles Directory Co.
	STONE Herfreid police	Los Angeles Directory Co.
1929	Stanier Richd H Della slsmn h	Los Angeles Directory Co.
	Tubbs Henry F watchmkr r	Los Angeles Directory Co.
	Stanier Della Mrs slsldy r	Los Angeles Directory Co.
	HAYDEN Carl H cock repr	Los Angeles Directory Co.
1924	Stanier Richd H slsmn H B Pendell h	Los Angeles Directory Co.
	Pigott C Montague dftsmn Coast Land Co r	Los Angeles Directory Co.
	HUGHES Harry r	Los Angeles Directory Co.
	HORWITZ Reuben r	Los Angeles Directory Co.
	FRANKLIN Chas S slsmn Associated Oil Co r	Los Angeles Directory Co.

1042 BEACON AVE

Year	Uses	Source
1951	Beacn Av Britton Geo S Mrs r	Pacific Telephone & Telegraph Co.
1942	Armitage Ella Mrs garmt wkr	Los Angeles Directory Co.
	Britton Geo S Pauline tester	Los Angeles Directory Co.
	Britton Maude nurse	Los Angeles Directory Co.
	Mc CUBBIN Allen aircrftwkr	Los Angeles Directory Co.
	Mc CUBBIN Roy N Maude restr	Los Angeles Directory Co.
1937	Britton Geo S Pauline tester Calif Milk Producers Assn	Los Angeles Directory Co.
1933	Britton Geo S Pauline testar Cal Milk Producers Assn	Los Angeles Directory Co.
1929	BRITTON Geo S weigher Cal Milk producers Assn	Los Angeles Directory Co.
	BROWN Walter A weigher Cal Milk Producers Assn	Los Angeles Directory Co.
	LAMBERT Robt E acct Union Oil Co	Los Angeles Directory Co.
	Shaker Elmer S clk r	Los Angeles Directory Co.
	WALTHER Pauline wid Wm h	Los Angeles Directory Co.
1924	MEYERS Geo r	Los Angeles Directory Co.
	r	Los Angeles Directory Co.
	Walther Pauline B wid G W h	Los Angeles Directory Co.
	LONG Carl C insp S C E Co r	Los Angeles Directory Co.
	Britton Geo S r	Los Angeles Directory Co.

FINDINGS

Beacon Ave

1051 Beacon Ave

Year	Uses	Source
2010	FONG ARTHUR	EDR Digital Archive
	LINDA MAY STONE & ASSOCIATES	EDR Digital Archive

BEACON AVE

1051 BEACON AVE

Year	Uses	Source
2006	STONE Linda	Haines Company, Inc
	LINDA MAYSTONE&	Haines Company, Inc
2000	STONE Linda	Haines & Company
	LINDA MAY STONE & ASC	Haines & Company
1990	FONG ARTHUR ATTY	Pacific Bell
1986	STERN HERMAN ATTY	Pacific Bell
	FONG ARTHUR ATTY	Pacific Bell
	PANKRATZ STEVEN ATTY	Pacific Bell
1981	STERN HERMAN ATTY	Pacific Telephone
1976	Hebert Irene	Pacific Telephone
1951	Beacn Av Hebert Irene roomng hse	Pacific Telephone & Telegraph Co.
1942	Bettencourt Hallie slswn	Los Angeles Directory Co.
	Billiard Edw aircrftwkr	Los Angeles Directory Co.
	DONALD Lawrence C sten UPT	Los Angeles Directory Co.
	FREDERICKSON Jas aircrftwkr	Los Angeles Directory Co.
	GARDNER Percy Nellie pntr	Los Angeles Directory Co.
	HAMILTON Ray S slsmn Al Williams Health System	Los Angeles Directory Co.
	PAULSON Thelma beauty opr	Los Angeles Directory Co.
	RIPLEY Jos Grayce pntr	Los Angeles Directory Co.
	Rost Chas carp	Los Angeles Directory Co.
1937	CARLSON Geo G Afton mach	Los Angeles Directory Co.
	HAMILTON R S	Los Angeles Directory Co.
	Mack Everett	Los Angeles Directory Co.
1929	HALL Anna clk	Los Angeles Directory Co.
	HALL Carrie slsldy	Los Angeles Directory Co.
	HALL Rose wid J B	Los Angeles Directory Co.
1924	Moses Cecil F engrav Slavick & Co r	Los Angeles Directory Co.
	Stokoe Michl h	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Blaughton John wrapper r	Los Angeles Directory Co.
	CAVANAUGH Geo S r	Los Angeles Directory Co.
	CHANDLER L r	Los Angeles Directory Co.
	Dorst L J r	Los Angeles Directory Co.
	Gallas Frank r	Los Angeles Directory Co.
	Barras Wilfrid r	Los Angeles Directory Co.
	Barras Geo W clk r	Los Angeles Directory Co.
	Gallas Geo r	Los Angeles Directory Co.

1052 BEACON AVE

Year	Uses	Source
1951	Rickard Edith r	Pacific Telephone & Telegraph Co.
	Beacn Av Pruitt Tom A	Pacific Telephone & Telegraph Co.
	Beacn Av	Pacific Telephone & Telegraph Co.
	Beaman Roy Mrs	Pacific Telephone & Telegraph Co.
1942	Crossman Fred cook	Los Angeles Directory Co.
	EDWARDS Lillian Mrs	Los Angeles Directory Co.
	Flavin Arth actor	Los Angeles Directory Co.
	Hand Leonard C Loretta apt mgr	Los Angeles Directory Co.
	JOHNSON C J	Los Angeles Directory Co.
	Lagier Alei cook	Los Angeles Directory Co.
	Nabers Antonio writer	Los Angeles Directory Co.
	Nieme John	Los Angeles Directory Co.
	Rumley Kay msngr	Los Angeles Directory Co.
	Rumley Otto Lela	Los Angeles Directory Co.
1937	Stoddart Bessie D Mrs	Los Angeles Directory Co.
1929	Stoddart Bessie D r	Los Angeles Directory Co.
	Stoddart Florence E r	Los Angeles Directory Co.
	Stoddart Mary E r	Los Angeles Directory Co.
1924	Stoddart Bessie D r	Los Angeles Directory Co.
	Stoddart Evelyn L h	Los Angeles Directory Co.
	Stoddart Florence E r	Los Angeles Directory Co.
	Stoddart Mary E r	Los Angeles Directory Co.

1062 BEACON AVE

Year	Uses	Source
1942	KRAMER Ivan mach	Los Angeles Directory Co.

FINDINGS

1028 1/2 BEACON AVE

Year	Uses	Source
1990	FRANCO ROSIO	Pacific Bell

1028 3/4 BEACON AVE

Year	Uses	Source
1990	MORAN SALVADOR C	Pacific Bell

OLYMPIC BLVD W

1625 OLYMPIC BLVD W

Year	Uses	Source
2000	BOLTON VOC CNSLTS	Haines & Company
	MILAGROS MEDICAL HEATLH CENTER	Haines & Company
	MECA MARKETING	Haines & Company
	OLYMPIC UNION SQR	Haines & Company
	PAC PROMOTION	Haines & Company
	SERVICIOS LATINOS LAW OFFICE	Haines & Company
	SOLOV LESSING C	Haines & Company
	TROESCHER TYPING SERVICE	Haines & Company
	U S A E S RADIO NETWORK	Haines & Company
	BUILDING ABOGADA CLAIRE CIFUENTES ATTY	Haines & Company
	BANK OF AMERICA	Haines & Company
	CIFUENTES CLAIRE LAW OFFICES	Haines & Company
	COMUNIDADES FEDERAL CU	Haines & Company
	DELILICIOUS	Haines & Company
	GLOBAL INVESTMENT ENTERPRISES	Haines & Company
	HALLIBURTON D INVST	Haines & Company
	HALLIBURTON DAVID J	Haines & Company
	IM BYUNG MOO CPA	Haines & Company
	INNOVATV VOCATIONAL EXPERTS	Haines & Company

1630 OLYMPIC BLVD W

Year	Uses	Source
2000	ADRIAN Carl	Haines & Company

1635 OLYMPIC BLVD W

Year	Uses	Source
2000	XXXX	Haines & Company

FINDINGS

1643 OLYMPIC BLVD W

Year	Uses	Source
2000	XXXX	Haines & Company

1711 OLYMPIC BLVD W

Year	Uses	Source
2000	VERDUGO Richard	Haines & Company

1721 OLYMPIC BLVD W

Year	Uses	Source
2000	UTAGE	Haines & Company

1730 OLYMPIC BLVD W

Year	Uses	Source
2000	CITY NATIONAL BANK	Haines & Company

1735 OLYMPIC BLVD W

Year	Uses	Source
2000	VERDUGO Richard	Haines & Company

1738 OLYMPIC BLVD W

Year	Uses	Source
2000	XXXX	Haines & Company

S BEACON AVE

1051 S BEACON AVE

Year	Uses	Source
1990	STONE LINDA MAY ATTY	Pacific Bell
1986	STONE LINDA ATTY	Pacific Bell
	STONE & BRALY ATTYS	Pacific Bell
	FONG ARTHUR ATTY	Pacific Bell
	BRALY HUNT ATTY	Pacific Bell
1981	STONE LINDA ATTY	Pacific Telephone
1933	La Pointe Wm B Nellie eng	Los Angeles Directory Co.
	La Pointe Grant clk	Los Angeles Directory Co.

S Burlington Ave

1033 S Burlington Ave

Year	Uses	Source
2010	GUTIERREZ A JOSEPH ATTORNEY AT	EDR Digital Archive

FINDINGS

1036 S Burlington Ave

Year	Uses	Source
2010	GLOBALCITY DEVELOPMENT INC	EDR Digital Archive

W OLYMPIC

1605 W OLYMPIC

Year	Uses	Source
1986	NORKIN ALAN D ATTY	Pacific Bell
1981	HOFFMAN KEY & LOCK CO	Pacific Telephone

1625 W OLYMPIC

Year	Uses	Source
1986	CERTIFIED REAL ESTATE CONSULTANTS	Pacific Bell
1981	COVENANT FEDERAL CREDIT UNION	Pacific Telephone

1630 W OLYMPIC

Year	Uses	Source
1990	PENNZOIL COMPANY GENL OFC	Pacific Bell

1730 W OLYMPIC

Year	Uses	Source
1981	ASBESTOS WORKERS HEALTH & WELFARE FUND PENSN PLANS	Pacific Telephone
	FRANCO ELI ATTY	Pacific Telephone
	ASSOCIATION FOR L A DEPUTY SHERIFFS	Pacific Telephone
1970	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone

W OLYMPIC BLVD

1605 W OLYMPIC BLVD

Year	Uses	Source
2006	BUILDING	Haines Company, Inc
	A BUDGET	Haines Company, Inc
	BANKRUPTCY	Haines Company, Inc
	A GENESIS DRIVING	Haines Company, Inc
	SCHOOL	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	ALL ABOUT	Haines Company, Inc
	PRINTING	Haines Company, Inc
	ALLAN MICHAEL	Haines Company, Inc
	AMMEIAN BENJ V	Haines Company, Inc
	ANGELS FAMILY	Haines Company, Inc
	STUDIO	Haines Company, Inc
	ANNAAVILA&	Haines Company, Inc
	ASSOCS LAW OFC	Haines Company, Inc
	AQUATICS	Haines Company, Inc
	TECHNOLOGY	Haines Company, Inc
	ARAGON FLOYD	Haines Company, Inc
	LAW OFFICES OF	Haines Company, Inc
	ARAGON JULIE ANN	Haines Company, Inc
	BNKRPTCY ATTY	Haines Company, Inc
	AREVALO LUIS	Haines Company, Inc
	UNIDOS UNITED	Haines Company, Inc
	H FINANCIAL	Haines Company, Inc
	SERVICES LLC	Haines Company, Inc
	ABORGES ANTONIO	Haines Company, Inc
	CARGO EXPRESS	Haines Company, Inc
	CAROLINA	Haines Company, Inc
	SALAZAR	Haines Company, Inc
	CASA DELA	Haines Company, Inc
	CULTURA DEEL	Haines Company, Inc
	SLVDR	Haines Company, Inc
	CASTANEDAMario	Haines Company, Inc
	CENTROJURIDICO	Haines Company, Inc
	LEGAL	Haines Company, Inc
	CHAPA LUCIA	Haines Company, Inc
	CHRISTIAN&CO INC	Haines Company, Inc
	CRTFD PUB	Haines Company, Inc
	CHRISTOPHER J	Haines Company, Inc
	LAURIA ATTORNEY	Haines Company, Inc
	COAST INVESTMENT	Haines Company, Inc
	REALTY	Haines Company, Inc
	CODRINGTON	Haines Company, Inc
	CAROL D LAW OFC	Haines Company, Inc
	COFFEELICIOUS	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	CONSOLIDACION DE	Haines Company, Inc
	DEUDAS	Haines Company, Inc
	CONSULATEGENL	Haines Company, Inc
	COSTA RICA	Haines Company, Inc
	COSTARICAN	Haines Company, Inc
	CONSULATE	Haines Company, Inc
	GENERAL	Haines Company, Inc
	CTP SERVICES	Haines Company, Inc
	DESARROLLO	Haines Company, Inc
	URBANOS	Haines Company, Inc
	DIVAPHOTO SHOTS	Haines Company, Inc
	E M PROFESSIONAL	Haines Company, Inc
	EASTERWOOD LJ	Haines Company, Inc
	EQUICREDITPLUS	Haines Company, Inc
	ESTUDIORAMAON	Haines Company, Inc
	EVICTION DEFENSE	Haines Company, Inc
	NETWORK	Haines Company, Inc
	FINANCL	Haines Company, Inc
	INTERNATL INS	Haines Company, Inc
	SERVICE	Haines Company, Inc
	FINANCL	Haines Company, Inc
	INTERNATL L P	Haines Company, Inc
	FIROOZ JASMINE	Haines Company, Inc
	ATTORNEY AT LAW	Haines Company, Inc
	FOREFRONT MRTG	Haines Company, Inc
	AND INVESTMENTS	Haines Company, Inc
	FREDERICK BARRY	Haines Company, Inc
	R LAW OFCS OF	Haines Company, Inc
	GEHARTJOHN	Haines Company, Inc
	WOLFGANG ATTY	Haines Company, Inc
	COMMUNICATION	Haines Company, Inc
	CENTER	Haines Company, Inc
	GERSON MARLENE	Haines Company, Inc
	KABERTATTY	Haines Company, Inc
	GOLDMINEGROUP	Haines Company, Inc
	GOLDMINE	Haines Company, Inc
	GUERREROManna	Haines Company, Inc
	HARBORSIDE HARBORSIDE	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	FINANCIAL	Haines Company, Inc
	HAWAIIAN TOURS	Haines Company, Inc
	AND TRAVEL	Haines Company, Inc
	HETSON JACK ATTY	Haines Company, Inc
	HIGHWAY TOWING	Haines Company, Inc
	AUTOPLUS	Haines Company, Inc
	IMPERLTAXI	Haines Company, Inc
	SERVICE	Haines Company, Inc
	IMPERLTAXI	Haines Company, Inc
	SERVICE	Haines Company, Inc
	INSTITUTOSDE	Haines Company, Inc
	ESTOS DE INGLS	Haines Company, Inc
	INSTITUTOSDE	Haines Company, Inc
	ESTUDS DE INGLES	Haines Company, Inc
	INVESTORSUNK	Haines Company, Inc
	MORTGAGE	Haines Company, Inc
	KHAKSHOOY	Haines Company, Inc
	ARASHALAWOFC	Haines Company, Inc
	KISTLER PAUL LAW	Haines Company, Inc
	OFFICES OF	Haines Company, Inc
	KISTLER PAUL LAW	Haines Company, Inc
	OFFICES OF	Haines Company, Inc
	KLENK GEORGE	Haines Company, Inc
	LAW OFFICES	Haines Company, Inc
	LATOWN CAR	Haines Company, Inc
	SERVICE	Haines Company, Inc
	LA CURACAO	Haines Company, Inc
	LACURACAO	Haines Company, Inc
	LA GRAND	Haines Company, Inc
	DELIVERY	Haines Company, Inc
	LAPRENSA	Haines Company, Inc
	GRAFICA	Haines Company, Inc
	LARAARNOLDO	Haines Company, Inc
	INCOME TAX	Haines Company, Inc
	PRPRTN	Haines Company, Inc
	LATINOS	Haines Company, Inc
	IMMIGRATION	Haines Company, Inc
	LAWOFCOF	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	ROBERTLE	Haines Company, Inc
	CORVEC	Haines Company, Inc
	LAWOFFICEOF	Haines Company, Inc
	LUIS C AYALA	Haines Company, Inc
	LAWOFFICE	Haines Company, Inc
	RICHARD DEBRO	Haines Company, Inc
	LAW OFFICES OF	Haines Company, Inc
	DANIEL MARQUEZ	Haines Company, Inc
	LAW OFFICES OF	Haines Company, Inc
	GUSTAVO CEBBLLS	Haines Company, Inc
	LAWOFFICES OF	Haines Company, Inc
	LEE LINSON	Haines Company, Inc
	LAWOFFICES OF	Haines Company, Inc
	WESLEY R SKLARK	Haines Company, Inc
	LEON SECURITY	Haines Company, Inc
	MAC SERVICES	Haines Company, Inc
	MASINSURANCE	Haines Company, Inc
	SERVICES	Haines Company, Inc
	MEDI WHEELSINC	Haines Company, Inc
	MYBUSINESS	Haines Company, Inc
	CONNECTION CORP	Haines Company, Inc
	NACARA	Haines Company, Inc
	IMMIGRATION SLTN	Haines Company, Inc
	NACARA	Haines Company, Inc
	IMMIGRATION SLTN	Haines Company, Inc
	NAVARROS	Haines Company, Inc
	SERVICE	Haines Company, Inc
	NEW LIFE	Haines Company, Inc
	FINANCIAL	Haines Company, Inc
	SERVICES	Haines Company, Inc
	NUEVAAMERICA	Haines Company, Inc
	OFICINADEAYUDA	Haines Company, Inc
	ALINQUILINO	Haines Company, Inc
	ORELLANATAX	Haines Company, Inc
	SERVICES	Haines Company, Inc
	ORTEGA	Haines Company, Inc
	PROFESSIONAL	Haines Company, Inc
	SERVICES	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	OSCAR VIDEO	Haines Company, Inc
	PRODUCTIONS	Haines Company, Inc
	PATTON CHARLES	Haines Company, Inc
	POLLO CAMPERO	Haines Company, Inc
	PROFSNL	Haines Company, Inc
	ACCOUNTING	Haines Company, Inc
	SERVICES	Haines Company, Inc
	SERVICE	Haines Company, Inc
	NAVARROS	Haines Company, Inc
	SUNAMERICA	Haines Company, Inc
	SECURITY	Haines Company, Inc
	THELAWOFC	Haines Company, Inc
	ANTHONYWTAHAN	Haines Company, Inc
	TOLEDO PABLO	Haines Company, Inc
	TORRES VISION	Haines Company, Inc
	U&MCDS	Haines Company, Inc
	WEISS MARVIN H	Haines Company, Inc
	ATTY AT LAW	Haines Company, Inc
	WESTON KENNETH	Haines Company, Inc
	LAW OFFICES OF	Haines Company, Inc
	ZAPATERIA	Haines Company, Inc
	GABRIELA	Haines Company, Inc
1995	Elbim Financial Co	Pacific Bell
1990	A L M & ASSOCIATES	Pacific Bell
	AMERICAN LIE DETECTION LAB	Pacific Bell
	AMERICAN MOVING CO	Pacific Bell
	AMMEIAN BENJAMIN V ATTY	Pacific Bell
	ANDERSON CRAIG H ATTY	Pacific Bell
	AQUATICS TECHNOLOGY INC	Pacific Bell
	AREVALO ENRIQUE-ABOGADO	Pacific Bell
	ATUAHENE BEN L ATTORNEY	Pacific Bell
	BISC INC	Pacific Bell
	BANK OF AMERICANT & SA BRANCH LOCATIONS LOS ANGELES OLYMPIC UNION BRANCH	Pacific Bell
	BECK THOMAS ERNEST ATTY	Pacific Bell
	BLACK BROWN & YELLOW INC	Pacific Bell
	BOSS CORP	Pacific Bell
	BUSINESS OFFICES & SUPPORT SERVICES	Pacific Bell

FINDINGS

Year	Uses	Source
1990	CAMERON REPORTING SERVICE	Pacific Bell
	CHA K JEANNIE ATTY	Pacific Bell
	CHA K JEANNIE ATTY	Pacific Bell
	CHAPA LUCIA	Pacific Bell
	CHERRY RICHARD ATTY	Pacific Bell
	CHRISTENS	Pacific Bell
	CLARKE MICHAEL F LAW OFFICES OF	Pacific Bell
	CLASTER ROBT J ATTY	Pacific Bell
	CLAVERAN LAURA ATTY	Pacific Bell
	CURIEL & PARKER	Pacific Bell
	D J INTERNATL	Pacific Bell
	DE WINNE WERNER ATTY	Pacific Bell
	DON TODD ASSOCIATES INC	Pacific Bell
	DYNASTY ENTERPRISES INC	Pacific Bell
	DYNASTY INVESTMENTS & REALTY	Pacific Bell
	ESPIAL	Pacific Bell
	FAB ENTERPRISES	Pacific Bell
	FAB ENTERPRISES	Pacific Bell
	FAIRSHTER MATTHEW ATTORNEY AT LAW	Pacific Bell
	FELDMAN WILLIAM M ATTY	Pacific Bell
	FRENCH ROBT M ATTY	Pacific Bell
	FULL SERVICE REALTY	Pacific Bell
	GALUPPO JOHN A MD	Pacific Bell
	GANDALF DATA INC	Pacific Bell
	GERSON MARLENE KABERT ATTY	Pacific Bell
	HAM PONTIAC & PEUGEOT INC	Pacific Bell
	HARRIS DWIGHT & ASSOCIATES	Pacific Bell
	HERRERA GLORIA ATTY	Pacific Bell
	HETTENA RONALD ATTY	Pacific Bell
	HORIZON INTERNATL LTD	Pacific Bell
	HOWARD MURRAY REALTY INC	Pacific Bell
	IMMIGRANT SERVICE CENTER	Pacific Bell
	INTERNATIONAL IMMIGRATION	Pacific Bell
	IONIE TRAVEL INC	Pacific Bell
	JENSEN JEFFREY ATTY	Pacific Bell
	KABERT MARLENE J ATTY	Pacific Bell
	KANEKO WATARU IMPRT-EXPORT	Pacific Bell
	KIMBELL ALPHONSO ATTY	Pacific Bell

FINDINGS

Year	Uses	Source
1990	KRAVIT STEVEN M ATTY	Pacific Bell
	LAW OFFICE OF MARC RISMAN	Pacific Bell
	LEGAL SERVICES PLUS	Pacific Bell
	LOTTE CONFECTIONERY CO LTD	Pacific Bell
	MARQUEZ-STANTON MARY	Pacific Bell
	MARTINEZ MARTIN JAMES ATTY	Pacific Bell
	MCGUIRE & HERRERA	Pacific Bell
	MCGUIRE TERRENCE ATTY	Pacific Bell
	MCZEAL WILBERT D CERTIFIED FINANCIAL PLANNER	Pacific Bell
	MEDICAL OFFICE MANGEMENT	Pacific Bell
	MURRAY HOWARD REALTY INC	Pacific Bell
	NISSIN SYSTEMS CORP	Pacific Bell
	OCCUPATIONAL EVALUATION & REHABILITATION SERVICES	Pacific Bell
	OLYMPIC UNION SQUARE	Pacific Bell
	ORINOCO OVERSEAS	Pacific Bell
	PAC METROPOLITAN BUILDING SERVICES CO	Pacific Bell
	PEMBERTON LEONARD ATTY	Pacific Bell
	PRIME INVESTMENT PROPERTIES	Pacific Bell
	PROFESSIONAL REALTY NETWORK	Pacific Bell
	RAGESDALE FRED TATTY	Pacific Bell
	REICH WILLIAM A ATTY	Pacific Bell
	REPUBLIC FACTORS CORP	Pacific Bell
	REYES ADELAIDA ATTY	Pacific Bell
	ROSENTHAL ARNOLD	Pacific Bell
	SPS SECURITY	Pacific Bell
	SANFORD CREDIT CONSULTING	Pacific Bell
	SIMPLY SUCCESS PROFESSIONAL COMPUTER SERVICES	Pacific Bell
	SLATER FELIX ATTY	Pacific Bell
	SLATER FRANKLIN J ATTY	Pacific Bell
	SOUTHMARK FINANCIAL SERVICES	Pacific Bell
	STANTON KEVIN R	Pacific Bell
	TAIYO TRADING USA INC	Pacific Bell
	THOMAS REHABILITATION	Pacific Bell
	UNIVERSAL INVESTMENT	Pacific Bell
	UNIVERSAL REALTY SCHOOL	Pacific Bell
	WANG & ASSOCIATES INC	Pacific Bell

FINDINGS

Year	Uses	Source
1990	WEST OAKS SECURITY	Pacific Bell
	WILBUR WILLIAM ATTY	Pacific Bell
	WORD S WORTH	Pacific Bell
1986	ADVANCED CREDIT SYSTEMS	Pacific Bell
	AMIGO RECORD DISTRIBUTORS	Pacific Bell
	AMMEIAN BENJAMIN V ATTY	Pacific Bell
	ANDERSON CRAIG H ATTY	Pacific Bell
	AREVALO ENRIQUE-ABOGADO	Pacific Bell
	ATUAHENE BEN L ATTORNEY	Pacific Bell
	AUTOMOBLIE WARRANTY CORP	Pacific Bell
	BOSS CORP	Pacific Bell
	B & V LEGAL SERVICES	Pacific Bell
	BANK OF AMERICA NT & SA VERSATEL LOCATIONS	Pacific Bell
	BANK OF AMERICA NT & SA BRANCH OFFICES ALL DEPARTMENTS CAN BE DIALED DIRECT	Pacific Bell
	BAUGHAM LUCILLE HINO ATTY	Pacific Bell
	BEASLEY SHERYL ATTY	Pacific Bell
	BECK THOMAS ERNEST ATTY	Pacific Bell
	BLEVANS & GREENBERG	Pacific Bell
	BLEVANS ROBERT E	Pacific Bell
	BOSS CORP	Pacific Bell
	BRIGHT GROUP THE	Pacific Bell
	BUSY BUDDIES SECRETARIAL SERVICE	Pacific Bell
	BYNUM CONSTANCE A ATTY	Pacific Bell
	CARTER LEONARD	Pacific Bell
	CHA K JEANNIE ATTY	Pacific Bell
	CHASE FUNDING CORP	Pacific Bell
	CHERRY RICHARD ATTY	Pacific Bell
	CLASTER ROBT J ATTY	Pacific Bell
	CLAVERAN LAURA ATTY	Pacific Bell
	COMPUTERSCRIPTS	Pacific Bell
	COPETEX INTERNATIONAL INC	Pacific Bell
	DAWSON HOWARD ATTY	Pacific Bell
	DEWINNE WERNER ATTY	Pacific Bell
	DYNASTY ENTERPRISES INC	Pacific Bell
	DYNASTY INVESTMENTS & REALTY	Pacific Bell
	EAGLE JEWELER CORP	Pacific Bell

FINDINGS

Year	Uses	Source
1986	FEDER MICHAEL BRIAN ATTY	Pacific Bell
	FELDMAN WILLIAM M ATTY	Pacific Bell
	FIRST WESTERN BUILDING INC	Pacific Bell
	FREEMAN HERNAND BLEVENS & GREENBERG	Pacific Bell
	GARY FRANKLIN M ATTY	Pacific Bell
	GAUTHIER EDWARD P	Pacific Bell
	GERSON MARLENE KABERT ATTY	Pacific Bell
	GOLD WORLD ENGINEERING CORP	Pacific Bell
	GREENBERG BRUCE A	Pacific Bell
	HELTON RALPH G	Pacific Bell
	HESCHELES NORMA ATTY	Pacific Bell
	HETTENA RONALD ATTY	Pacific Bell
	HOEY ED ATTY	Pacific Bell
	HOWARD MURRAY REALTY INC	Pacific Bell
	IMMIGRANT SERVICE CENTER	Pacific Bell
	INTERNATIONAL IMMIGRATION	Pacific Bell
	JOHNSON GLENN H CERIFIED PARA-LEGAL	Pacific Bell
	KABERT MARLENE J ATTY	Pacific Bell
	KIMBELL ALPHONSO ATTY	Pacific Bell
	KRAVIT STEVEN M ATTY	Pacific Bell
	LARDIZABAL CARLOS A ATTY	Pacific Bell
	LAW OFFICES OF ALPHONSO KIMBELL	Pacific Bell
	LAW OFFICES OF FRANKLIN M GARY	Pacific Bell
	LAZARUS ALBERT S ATTY	Pacific Bell
	LAZARUS ALBERT S ATTYS	Pacific Bell
	LEGAL SUPPORT SERVICES	Pacific Bell
	LOUGH JAMES P ATTY	Pacific Bell
	LUCKY SEVEN MARKET	Pacific Bell
	MANIATES SPEROS ATTY	Pacific Bell
	MARQUEZ STANTON MARY	Pacific Bell
	MARTINEZ MARTIN JAMES ATTY	Pacific Bell
	MORRIS S J ASSOCIATES INC RL EST	Pacific Bell
	MURRAY HOWARD REALTY INC	Pacific Bell
	NATL WARRANTY CORP	Pacific Bell
	NIETO ALMA ROSA ATTY	Pacific Bell
	NIETO ALMA ROSA ATTORNEY	Pacific Bell
	NOBLE WM L & ASSOCIATES INS	Pacific Bell

FINDINGS

Year	Uses	Source
1986	NORWEST PACIFIC MORTGAGE	Pacific Bell
	PAN AM ASIA	Pacific Bell
	PHANTOM INDUSTRIES INC	Pacific Bell
	PROVISIONS INC	Pacific Bell
	RAGSDALE FRED T ATTY	Pacific Bell
	RAMOS & ASSOCIATES ATTY	Pacific Bell
	RAMOS JOSE LUIS ATTY	Pacific Bell
	RANDALL TEDDIE J ATTY	Pacific Bell
	RAY FRANK P	Pacific Bell
	REICH WILLIAM A ATTY	Pacific Bell
	REPUBLIC FACTORS CORP	Pacific Bell
	REPUBLIC FACTORS ORDER DEPARTMENT	Pacific Bell
	REPUBLIC INTERNATIONAL BANK OF NEW YORK CALIFORNIA BH	Pacific Bell
	REYES ADELAIDA ATTY	Pacific Bell
	RICHARDSON DOUGLAS T	Pacific Bell
	ROCHELLE DON HOME SAVER ENTERPRISES	Pacific Bell
	S J MORRIS ASSOCIATES INC RL EST MAIN OFFICE	Pacific Bell
	SIEGEL M ROY ATTY	Pacific Bell
	SLATER FELIX ATTY	Pacific Bell
	SLATER FRANKLIN J ATTY	Pacific Bell
	STANTON KEVIN R	Pacific Bell
	STOUT ROY G ATTY	Pacific Bell
	SUMIT INTERNATL AMERICAN LTD	Pacific Bell
	SUN FAIR ENTERPRISES INC	Pacific Bell
	TAN LAWRENCE L ATTY	Pacific Bell
	TELVIEW COMMUNICATIONS GROUP INC	Pacific Bell
	THE TOURIST CHANNEL	Pacific Bell
	TOURIST CHANNEL THE	Pacific Bell
	TREU ROLF ATTY	Pacific Bell
	TUNG EMI LEE ATTY	Pacific Bell
	TURMAN ADINA T ATTY	Pacific Bell
	UNITED SPANISH ADVERTISING	Pacific Bell
	VARGA STEPHEN A ATTY	Pacific Bell
	WELLS FARGO BANK NA SOUTHERN CALIFORNIA SERVICE CENTER	Pacific Bell
	YEUNG PAUL CPA	Pacific Bell

FINDINGS

Year	Uses	Source
1986	YOUNG MALCOLM C ATTY	Pacific Bell
	ZAMEL STANLEY A ATTY	Pacific Bell
1985	FRANK D LANTERMAN REGIONAL CENTER	Pacific Bell
	LANTERMAN FRANK D REGIONAL CENTER	Pacific Bell
	REGIONAL CENTER FRANK D LANTERMAN FOR THE DEVELOPMENTALY DISABLED	Pacific Bell
	REGUBLIC INTERNATIONAL BANK OF NEW YORK	Pacific Bell
	Or	Pacific Bell
	Frank D R	Pacific Bell
	RE GION AL CE N TE R FRANK D LAN TE RMAN FOR THE DE VE LOPME N TALLY DIS ABLE D	Pacific Bell
	FRANK D LANTERMAN REGIONAL CENTER	Pacific Bell
	LANTERMAN FRANK D REGIONAL CENTER	Pacific Bell
	REGIONAL CENTER FRANK D LANTERMAN FOR THE DEVELOPMENTALLY DISABLED	Pacific Bell
1981	AFRICAN AMERICAN BUSINESS OFC LA	Pacific Telephone
	AFRICAN CENTER FOR RELIGION EDUCATION & CULTURE INC THE	Pacific Telephone
	ALEXANDER ANTHONY E ATTY	Pacific Telephone
	ALEXANDER ANTHONY E ATTY	Pacific Telephone
	ALL ASIA TRADE SHOW	Pacific Telephone
	AMERICAN RELIANCE REAL ESTATE COMPANY	Pacific Telephone
	AMMEIAN BENJAMIN V ATTY	Pacific Telephone
	ASIAN EDUCATIONAL CENTER	Pacific Telephone
	ATTORNEYS OFFICE MANAGEMENT INC	Pacific Telephone
	B R A C NONTRADITIONAL TRAINING PROGRAM	Pacific Telephone
	BANK OF AMERICA NT & SA BRANCH OFFICES	Pacific Telephone
	BECK THOMAS ERNEST ATTY	Pacific Telephone
	BOROWSKI DANNIE R ATTY	Pacific Telephone
	BOROWSKI AND WEBB ATTYS	Pacific Telephone
	BRADFORD W HILDERANDT & CO INC	Pacific Telephone
	CONSTANCE A ATTY	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	CMC DIVISION OF PERTEC COMPUTER CORPORATION	Pacific Telephone
	CMC DIVISION OF PERTEC COMPUTER CORPORATION	Pacific Telephone
	ROLAND E JR ATTY AT LAW	Pacific Telephone
	CARTER VERELINE F ATTY	Pacific Telephone
	CAWLEY JOHN G	Pacific Telephone
	CAWLEY JOHN INSURANCE AGENCY	Pacific Telephone
	CHERRY RICHARD ATTY	Pacific Telephone
	CLASTER ROBT J ATTY	Pacific Telephone
	CLEMENS CAROL MARKETING RESEARCH	Pacific Telephone
	CONSUMER MARKETING INSURANCE SERVICES	Pacific Telephone
	DAVOLI MARIA	Pacific Telephone
	DE BLANC ALBERT JR ATTY AT LAW	Pacific Telephone
	DE BLANC & ALEXANDER ATTYS	Pacific Telephone
	DELTA TRADING CO	Pacific Telephone
	DE WINNE WERNER ATTY	Pacific Telephone
	GEORGE D ATTY	Pacific Telephone
	DOR INTERNATL INC	Pacific Telephone
	DRAPER JACK A ATTY	Pacific Telephone
	DUNCAN JERROME N GRANT JONES & DUNCAN ATTYS	Pacific Telephone
	ANTONIO C CPA	Pacific Telephone
	FAB ENTERPRISES	Pacific Telephone
	FELDMAN WILLIAM M ATTY	Pacific Telephone
	FRANCIS JUDITH DAVIS ATTY	Pacific Telephone
	FRANK D LANTERMAN REGIONAL CENTRER	Pacific Telephone
	FREEDMAN KENNETH A ATTY	Pacific Telephone
	FREMONT INDEMNITY CO	Pacific Telephone
	GALIMIDI AL & ASSOCIATES LICENSED PARALEGAL	Pacific Telephone
	GAMI ENTERPRISES	Pacific Telephone
	GAUTHIER EDWARD P	Pacific Telephone
	GRANT ARTIS C JR GRANT JONES & DUNCAN ATTYS	Pacific Telephone
	GRANT JONES & DUNCAN ATTYS	Pacific Telephone
	GRUBER MILTON E ATTY	Pacific Telephone
	HERNANDEZ ENRIQUE A ATTY	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	HILDEBRANDT BRADFORD W & CO INC	Pacific Telephone
	HIRSHFIELD THOMAS ATTY	Pacific Telephone
	HOUSING DEVELOPMENT SERVICE	Pacific Telephone
	IMMIGRANT SERVICE CENTER	Pacific Telephone
	INTERNATIONAL BUSINESS CONSULTANTS	Pacific Telephone
	J C THORP	Pacific Telephone
	JAMES DWIGHT GRANT JONES & DUNCAN ATTYS	Pacific Telephone
	JAMES EARNEST L & ASSOCIATES ATTYS	Pacific Telephone
	JOHN CAWLEY INSURANCE AGENCY	Pacific Telephone
	JONES ERIC L GRANT JONES & DUNCAN ATTYS	Pacific Telephone
	JONES JEWELL LAW OFFICES OF	Pacific Telephone
	KIMBELL ALPHONSO ATTY	Pacific Telephone
	LANTERMAN FRANK D REGIONAL CENTER	Pacific Telephone
	LAW OFFICES OF ALPHONSO KIMBELL	Pacific Telephone
	LAW OFFICES OF EARNEST L JAMES & ASSOCIAIE ATTYS	Pacific Telephone
	LEE ELLEN ATTY	Pacific Telephone
	LEE YONG T ATTY	Pacific Telephone
	L A COUNTY AMBULANCE ASSOCIATION	Pacific Telephone
	MCGUIRE TERRENCE ATTY	Pacific Telephone
	MITCHELL J H JR MITCHELL & PIERCE ATTYS	Pacific Telephone
	MITCHELL & PIERCE ATTYS	Pacific Telephone
	MORGAN ANTHONY C COMPANY	Pacific Telephone
	NABOCORP LTD	Pacific Telephone
	NABOCORP LTD	Pacific Telephone
	NEEDLE JOSHUA C ATTY	Pacific Telephone
	ONESTI THEODORE ATTY	Pacific Telephone
	PATE LINDA WALLACE ATTY	Pacific Telephone
	PERTEC	Pacific Telephone
	PERTEC	Pacific Telephone
	PIERCE DAVID L MITCHELL & PIERCE ATTYS	Pacific Telephone
	POXICO DISTRIBUTION INC	Pacific Telephone
	POXITRADE CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	PUBLICATIONS LATINO AMERICANA	Pacific Telephone
	PUSEY ROBERT T ATTY	Pacific Telephone
	R E S CONSULTANTS	Pacific Telephone
	RESP-REAL ESTATE SUBDIVISION PROCESSING CONSULTING	Pacific Telephone
	RANDALL TEDDIE J ATTY	Pacific Telephone
	REPUBLIC BANK OF NEW YORK	Pacific Telephone
	REPUBLIC FACTORS CORP	Pacific Telephone
	REYES WALTER ROBERTO	Pacific Telephone
	ROBBINS FRED ATTY	Pacific Telephone
	RUBINO SAMUEL N ATTY	Pacific Telephone
	SAS OVERSEAS CORP	Pacific Telephone
	SCHWARTZ NEIL DAVID ATTY	Pacific Telephone
	SCHWARTZ RANDALL BRIAN	Pacific Telephone
	SCHWARTZ RANDALL BRIAN ATTY	Pacific Telephone
	SCHWAR1Z & SCHWARTZ	Pacific Telephone
	SELLERS & LEE ATTYS	Pacific Telephone
	SELLERS PAMELA ATTY	Pacific Telephone
	SIEGAN BROKERAGE	Pacific Telephone
	SLATER FELIX ATTY	Pacific Telephone
	SLATER FRANKLIN J ATTY	Pacific Telephone
	SORENSEN KERRY L ATTY	Pacific Telephone
	SOUTH BAY DELIVERY SERVICE	Pacific Telephone
	STRANTZ & FINE ATTYS	Pacific Telephone
	SUMMIT ARTISTS	Pacific Telephone
	SUN INTERNATL & ASSOCIATES EXPRTR	Pacific Telephone
	THE AMERICAN CENTER FOR RELIGION EDUCATION & CULTURE INC	Pacific Telephone
	THE PROFESSIONAL COMMUNICATIONS GROUP	Pacific Telephone
	WEBB RON J ATTY	Pacific Telephone
	WELLS FARGO BANK NA ADMINISTRATIVE OFFICES LOS ANGELES LOAN PRODUCTION REGI	Pacific Telephone
	WELLS FARGO BUSINESS CREDIT	Pacific Telephone
	WESTERN STATES LOAN COMPANY	Pacific Telephone
	YAHR ALAN H ATTY	Pacific Telephone
	YING ESCUADRO & COMPANY CPA S	Pacific Telephone
	YING WILLIAM F CPA	Pacific Telephone
	YOUNG MALCOLM C ATTY	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	ZAMEL STANLEY A ATTY	Pacific Telephone
	ZINMAN HERBERT ATTY	Pacific Telephone
1980	FRANK D LANTERMAN REGIONAL CENTER	Pacific Telephone
	LANTERMAN REGIONAL CENTER	Pacific Telephone
	Frank D Lanterman Reglonai Center	Pacific Telephone
	LEeterman Regional Center	Pacific Telephone

1606 W OLYMPIC BLVD

Year	Uses	Source
1981	CALIF FIRST BANK RL EST	Pacific Telephone

1610 W OLYMPIC BLVD

Year	Uses	Source
1937	FERGUSON Nellie	Los Angeles Directory Co.
	SNYDER J W	Los Angeles Directory Co.
	WILLIS Jas V slsmn	Los Angeles Directory Co.

1611 W OLYMPIC BLVD

Year	Uses	Source
1942	TRASK Ida	Los Angeles Directory Co.
	STARKS Helen	Los Angeles Directory Co.
	Fiskie Wm H Kath	Los Angeles Directory Co.
	Bunker Eug I Helen driver	Los Angeles Directory Co.
1937	MULLER Henry Augusta	Los Angeles Directory Co.

1615 W OLYMPIC BLVD

Year	Uses	Source
1942	Benson Theron lab	Los Angeles Directory Co.
	QUACKENBUSH Marian	Los Angeles Directory Co.
	WILDE Wm Christina meatctr	Los Angeles Directory Co.
	Quackenbush Agnes Mrs	Los Angeles Directory Co.
1937	PURCELL Burk wid louis	Los Angeles Directory Co.

1619 W OLYMPIC BLVD

Year	Uses	Source
1942	Hartzsch Fritz baker	Los Angeles Directory Co.
	Engels Chas Kathleen	Los Angeles Directory Co.
	ENGLE Chas elev dir Broadway Spring Arcade Bldg	Los Angeles Directory Co.
1937	ENGLE Chas B Katie elev opr	Los Angeles Directory Co.

FINDINGS

1621 W OLYMPIC BLVD

Year	Uses	Source
1942	BARTLETT Wm H Myra F mech	Los Angeles Directory Co.
	Palant Sam Millie clk	Los Angeles Directory Co.
	Joyner Anna E smstrs	Los Angeles Directory Co.
	TORRES Juan	Los Angeles Directory Co.
	GONZALEZ Luz R asst Peter Riccardi	Los Angeles Directory Co.
1937	PITTMAN Andw P custodian Bd of Educ	Los Angeles Directory Co.

1623 W OLYMPIC BLVD

Year	Uses	Source
1942	Pallant Saml Millie gro	Los Angeles Directory Co.
1937	Palmis Jos Mary	Los Angeles Directory Co.
	Palmis Ann	Los Angeles Directory Co.

1625 W OLYMPIC BLVD

Year	Uses	Source
2006	BONILLA RECORD	Haines Company, Inc
	COOPERATION	Haines Company, Inc
	BONILLAS	Haines Company, Inc
	PRODUCTIONS	Haines Company, Inc
	CASSAL	Haines Company, Inc
	CC DEBT	Haines Company, Inc
	SOLUTIONS	Haines Company, Inc
	CCOEBT	Haines Company, Inc
	SOLUTIONS	Haines Company, Inc
	CITI HOMES REALTY	Haines Company, Inc
	INVSTMT CO	Haines Company, Inc
	CONSULATEGENL	Haines Company, Inc
	GUATEMALA CRESTLINE	Haines Company, Inc
	MORTGAGE	Haines Company, Inc
	REALTY	Haines Company, Inc
	DELI LICIOUS	Haines Company, Inc
	EZATM INC	Haines Company, Inc
	GLOBAL	Haines Company, Inc
	INVESTMENT	Haines Company, Inc
	ENTERPRISES	Haines Company, Inc
	GO STAR	Haines Company, Inc
	GOSTAR	Haines Company, Inc
	GREMIAL DE	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	EXPORTADORES	Haines Company, Inc
	HALLUBURTON	Haines Company, Inc
	DAVID J	Haines Company, Inc
	HOMIES 0 UNIDOO	Haines Company, Inc
	HOTELTWIN	Haines Company, Inc
	DOLPHIN	Haines Company, Inc
	IM BYUNG MOO CPA	Haines Company, Inc
	IMMIGRANTAMER	Haines Company, Inc
	FNDTN FUNDEMI	Haines Company, Inc
	JEMMA& ASSOCTS	Haines Company, Inc
	TECHNOLOGIES	Haines Company, Inc
	LAW OFFICES OF	Haines Company, Inc
	BRENDAVARGAS	Haines Company, Inc
	LONUESTROTV	Haines Company, Inc
	MARIN AND	Haines Company, Inc
	ASSOCIATES	Haines Company, Inc
	MAXIM MARKETING	Haines Company, Inc
	MECAMARKETING	Haines Company, Inc
	NATIONWDE	Haines Company, Inc
	REALTY	Haines Company, Inc
	PACPROMOTION	Haines Company, Inc
	PANAMERICAN	Haines Company, Inc
	HOLDINGS	Haines Company, Inc
	PERMEX	Haines Company, Inc
	MORTGAGES	Haines Company, Inc
	REALTY	Haines Company, Inc
	PROFSNL	Haines Company, Inc
	DOCUMENT	Haines Company, Inc
	SALEF	Haines Company, Inc
	SALVADORAN	Haines Company, Inc
	AMER LORSHP&	Haines Company, Inc
	EDCTHL	Haines Company, Inc
	SERVICIOS	Haines Company, Inc
	FINANCIEROS	Haines Company, Inc
	LATINOS	Haines Company, Inc
	SERVICIOS	Haines Company, Inc
	LATINOS LAW	Haines Company, Inc
	OFFICE	Haines Company, Inc

FINDINGS

Year	Uses	Source
2006	SINDEUDAS	Haines Company, Inc
	SINDEUDAS SOLOVLES	Haines Company, Inc
	SOLOV LESSING C	Haines Company, Inc
	STATEWIDE	Haines Company, Inc
	LENDING	Haines Company, Inc
	STERUNG	Haines Company, Inc
	INDUSTRIAL	Haines Company, Inc
	PROPERTIES	Haines Company, Inc
	SUPERIOR REALTY	Haines Company, Inc
	CRYSSOL CORRAL	Haines Company, Inc
	TROESCHER	Haines Company, Inc
	TYPING SERVICE	Haines Company, Inc
	VELLANOWETH	Haines Company, Inc
	CARLOS ATTYAT	Haines Company, Inc
	BUILDING	Haines Company, Inc
	1ST CAPITAL	Haines Company, Inc
	FINANCE	Haines Company, Inc
	ADIR RESTAURANT	Haines Company, Inc
	CORPORATION	Haines Company, Inc
	AMIGO LATINO LLC	Haines Company, Inc
	AVITCOM	Haines Company, Inc
	TECHNOLOGY	Haines Company, Inc
	BANK AM LOS	Haines Company, Inc
	ANGELES TELE	Haines Company, Inc
	BNKNG	Haines Company, Inc
	BONILLA EDDIE	Haines Company, Inc
	SERICIO LATINO	Haines Company, Inc
1991	Standard Register Co The	Pacific Bell
	STANDARD REGISTER CO THE	Pacific Bell
1990	ADVANCED APPRAISAL SERVICES	Pacific Bell
	ADVANCED CREDIT CARD SYSTEM	Pacific Bell
	ADVANCED CREDIT CARD SYSTEM	Pacific Bell
	ALL CITIES PLUMBING INC	Pacific Bell
	AMNESTY L A-LAPLAN	Pacific Bell
	BORGES ANTONIO R	Pacific Bell
	CHO JOHN J CPA	Pacific Bell
	CHO & YOO CPA	Pacific Bell
	CHU NEWTON J	Pacific Bell

FINDINGS

Year	Uses	Source
1990	COMMUNICATIONS MESSAGE XCHANGE INC	Pacific Bell
	COMMUNICATIONS MESSAGE XCHANGE INC	Pacific Bell
	DIVERSIFIED	Pacific Bell
	EASTERWOOD LARRY J ATTY	Pacific Bell
	EDMIN CORP	Pacific Bell
	ENG MICHAEL F ATTYS	Pacific Bell
	ENG & NISHIMURA	Pacific Bell
	FAB ENTERPRISES	Pacific Bell
	FEATURE FILMS INC	Pacific Bell
	HALLIBURTON DAVID J INVESTMTS	Pacific Bell
	HALLIBURTON ERLE P JR	Pacific Bell
	NATIONAL ALARM	Pacific Bell
	NISHIMURA BERT S	Pacific Bell
	SAM S CAFE	Pacific Bell
	SOLOV LESSING C A PROFESSIONAL CORP	Pacific Bell
	STANDARD REGISTER CO THE	Pacific Bell
	W O K MD INC BILLING OFFICE	Pacific Bell
	WELLS FARGO BANK NA BRANCH OFFICES LOS ANGELES OLYMPIC UNION LOS ANGELES	Pacific Bell
	YOO BONG U CPA	Pacific Bell
	YOUNG S GIFT CORNER	Pacific Bell
	INNOVATIVE OFC CONCEPTS	Pacific Bell
	KEEN ROBERT E ATTY	Pacific Bell
	KEEN ROBT E LAW OFFICES OF	Pacific Bell
	MAGIN STUDIOS	Pacific Bell
	MEDICAL ARTS IMAGING	Pacific Bell
	METRO-DATA COMPANY	Pacific Bell
1986	IMAGE MAKERS	Pacific Bell
	INNOVATIVE OFC CONCEPTS	Pacific Bell
	INTERNATL CENTER FOR MANAGEMENT DEVELOPMENT INC	Pacific Bell
	JAHN & OILIER	Pacific Bell
	KANEKO WATARU IMPRT-EXPORT	Pacific Bell
	KEEN ROBERT E ATTY	Pacific Bell
	ACCELERATED COMPUTER TRAINING INC	Pacific Bell
	ACE MERCHANDISE CORP	Pacific Bell

FINDINGS

Year	Uses	Source
1986	ALAS JUAN	Pacific Bell
	AMERICAN FINANCIAL ENTERPRISES	Pacific Bell
	AQUATICS TECHNOLOGY INC	Pacific Bell
	BART REYNOLDS INC	Pacific Bell
	B NAI B RITH FEDERAL CREDIT UNION	Pacific Bell
	BOLTON PERCY SOUTHMARK FINANCIAL SERVICES	Pacific Bell
	BORGES ANTONIO R	Pacific Bell
	BRENNAN ASSOCIATES	Pacific Bell
	BUBENAS ANTHONY F INS	Pacific Bell
	CALCUDATA	Pacific Bell
	CARRANZA ADVERTISING INC	Pacific Bell
	CHEETAH EXPRESS	Pacific Bell
	CHERMISQUI GEORGE CPA	Pacific Bell
	COMMUNICATIONS MESSAGE XCHANGE	Pacific Bell
	COVENANT FEDERAL CREDIT UNION	Pacific Bell
	CROCKER NATIONAL BANK BRANCH OFFICES LA CITY	Pacific Bell
	DIOGENES GROUP THE	Pacific Bell
	DIVERFICATION UNLIMITED	Pacific Bell
	ESPIAL	Pacific Bell
	EASTERWOOD LARRY J ATTY	Pacific Bell
	EMAGE MAKERS	Pacific Bell
	ENG MICHAEL F ATTYS	Pacific Bell
	FAB ENTERPRISES	Pacific Bell
	FAB ENTERPRISES	Pacific Bell
	FEDERATED PROPERTIES	Pacific Bell
	FORD LYNWOOD	Pacific Bell
	FORD TAX CONSULTANCY	Pacific Bell
	FREDRICKS H BURDETTE H ATTY	Pacific Bell
	GENERAL PAY PHONE SYSTEMS	Pacific Bell
	HALLIBURTON DAVID J INVESTMTS	Pacific Bell
	HALLIBURTON ERIE P JR	Pacific Bell
	HEART TO HEART ENTERPRISES	Pacific Bell
	HERITAGE INVESTMENT GROUP	Pacific Bell
	KHARAZMI DAVID INSURANCE SERVICES	Pacific Bell
	KIM KIO CPA	Pacific Bell
	L & M SALES CO	Pacific Bell

FINDINGS

Year	Uses	Source
1986	LOTTE CONFECTIONERY CO LTD	Pacific Bell
	MALRAU MORTGAGE	Pacific Bell
	MARYAM SEYEDAN CPA	Pacific Bell
	MCZEAL WILBERT D CERTIFIED FINANCIAL PLANNER	Pacific Bell
	MEGALINK INTERNATL INC	Pacific Bell
	MEIGS & ASSOCIATES	Pacific Bell
	MODERN COLLECTION ASSOCIATES INC	Pacific Bell
	MONITOR PRODUCTS CO INC	Pacific Bell
	PACIFIC WESTERN INFORMATION SYSTEMS	Pacific Bell
	PEMBERTON LEONARD ATTY	Pacific Bell
	PRIVATE INDUSTRY COUNCIL OF LOS ANGELES	Pacific Bell
	RICHMAN LIONEL ATTY AT LAW	Pacific Bell
	SPS SECURITY	Pacific Bell
	SWAE CREDIT UNION	Pacific Bell
	SAM S CAFE	Pacific Bell
	SATURN DESIGN ASSOCIATES	Pacific Bell
	SIDA CORP	Pacific Bell
	SIDDALL EARL R ATTY	Pacific Bell
	SOLOV LESSING C A PROFESSIONAL CORP	Pacific Bell
	SOLOV Y KEEN	Pacific Bell
	SOUND ADVICE	Pacific Bell
	SOUTHMARK FINANCIAL SERVICES	Pacific Bell
	SOUTHMARK FINANCIAL SERVICES	Pacific Bell
	SOUTHMARK FINANCIAL SERVICES	Pacific Bell
	STANDARD REGISTER CO THE	Pacific Bell
	THOMAS REHABILITATION	Pacific Bell
	TISHCO AMERICA INC	Pacific Bell
	U-ME TOURS	Pacific Bell
	UNITED PARCEL EMPLOYEES FEDERAL CREDIT UNION	Pacific Bell
	VALOR COMMERCIAL CORP	Pacific Bell
	WESTCOAST MANAGEMENT	Pacific Bell
	WINKLER PAUL L ATTY	Pacific Bell
	WORLDGATE TOURS INC	Pacific Bell
	WUSUNG AMERICA CO	Pacific Bell
	YOUNG S GIFT CORNER	Pacific Bell

FINDINGS

Year	Uses	Source
1985	STANDARD REGISTER CO THE	Pacific Bell
	STANDARD REGISTER CO THE	Pacific Bell
	STAR-LINE COURIER	Pacific Bell
1981	ALTMAN BRUCE A PUBLIC ADMINISTRATOR & GUARDIAN	Pacific Telephone
	BART REYNOLDS INC	Pacific Telephone
	BUBENAS ANTHONY F INS	Pacific Telephone
	CALCUDATA	Pacific Telephone
	CONSTRUCTION INDUSTRY RESEARCH BOARD	Pacific Telephone
	CROCKER NATIONAL BANK BRANCH OFFICES L A CITY OLYMPIC UNION OFFICE	Pacific Telephone
	CUTTING BOARD J LATTA	Pacific Telephone
	FEDCO EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	FREMONT INDEMNITY CO	Pacific Telephone
	GULTON EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	HMD EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	JAPAN TOUR ASSOCIATES	Pacific Telephone
	KELLER JAS J ATTY	Pacific Telephone
	LOS ANGELES TRIAL LAWYERS ASSN FEDERAL CREDIT UNION	Pacific Telephone
	OLYMPIAN TRAVEL	Pacific Telephone
	PARCEL EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	REGISTRY OF PULMONARY SERVICES	Pacific Telephone
	RICHMOND LIONEL ATTY AT LAW	Pacific Telephone
	ROYAL BUSINESS MACHINES INC WORD PROCESSING DIV	Pacific Telephone
	SAM INVESTMENT CO	Pacific Telephone
	SELLERS ROBERT C & CO	Pacific Telephone
	SELLERS ROBERT C & CO	Pacific Telephone
	SOUTHWEST ADMINISTRATORS	Pacific Telephone
	SPIESER LIPMAN INSURANCE SERVICE INC	Pacific Telephone
	SURETY CLAIMS DIVISION	Pacific Telephone
	SWEENEY CHAS & ASSOCIATES INC	Pacific Telephone
	TEAMSTERS JOINT COUNCIL NUMBER 42 AFFILIATED LOCAL UNIONS	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	UNION CARBIDE CALIF EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	U S COIN EXCHANGE	Pacific Telephone
	VARGAS CERLOS INSURANCE	Pacific Telephone
	WESTERN CONFERENCE OF TEAMSTERS PENSION PLANS	Pacific Telephone
	WESTERN STATES ADVERTISING AGENCES ASSN FEDERAL CREDIT UNION	Pacific Telephone
	YOUNG S GIFT CORNER	Pacific Telephone
1980	Admin Ofc	Pacific Telephone
	Altman Bruce A Public Administrator & Guardian	Pacific Telephone
	Evenings Weekends & Holidays Ca	Pacific Telephone
	FINDEX INC	Pacific Telephone
	LOS ANGELES COUNTY OF PUBLIC ADMINISTRATOR & GUARDIAN ADMIN OFC	Pacific Telephone
1976	Associated Labor Consultants Inc	Pacific Telephone
	Baker Robert atty	Pacific Telephone
	Bradlsse Anthony atty	Pacific Telephone
	Brundage Albert Brundage Beeson & Pappy attys	Pacific Telephone
	Brundage Beeson & Pappy attys	Pacific Telephone
	Brundage & Roseman attys	Pacific Telephone
	Bubenas Anthony F ins	Pacific Telephone
	Building Industry Center	Pacific Telephone
	CONSTRUCTION INDUSTRY RESEARCH BOARD	Pacific Telephone
	Century La Clenega	Pacific Telephone
	Olympic Union	Pacific Telephone
	Crofoot Robert atty	Pacific Telephone
	Data Med Health Systems	Pacific Telephone
	Davis Richard J Jr Brundage Beeson & Pappy attys	Pacific Telephone
	Fab Development Co	Pacific Telephone
	Frommer Roger Brundage Beeson & Pappy attys	Pacific Telephone
	Jessinger Robert Brundage Beeson & Pappy attys	Pacific Telephone
	Kaplon Joseph J Brundage Beeson & Pappy attys	Pacific Telephone
	Keseloff Allan A atty	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	Kodish Martin Brundage Beeson & Pappy attys	Pacific Telephone
	Los Angeles County Engineers Federal Credit Union	Pacific Telephone
	Branch Office	Pacific Telephone
	LOS ANGELES COUNTY OF Contd	Pacific Telephone
	FACILITIES DEPT	Pacific Telephone
	LEW PEQ	Pacific Telephone
	PUBLIC ADMINISTRATOR & GUARDIAN	Pacific Telephone
	Morrison Russell E atty	Pacific Telephone
	Morrison Russell E Jr atty	Pacific Telephone
	NATL ECONOMIC MANAGEMENT ASSN	Pacific Telephone
	Orchon Edward S atty	Pacific Telephone
	Pace Distributors Inc	Pacific Telephone
	Pappy George A Brundage Beeson & Pappy attys	Pacific Telephone
	Pension Funding Corp	Pacific Telephone
	Pesses Jeffrey J Brundage Beeson & Pappy attys	Pacific Telephone
	Reichard Harvey atty	Pacific Telephone
	Roseman Steven atty	Pacific Telephone
	S & E Jacksons Cutting Board	Pacific Telephone
	Silver Lawrence atty	Pacific Telephone
	Smith William J Brundage Beeson & Pappy attys	Pacific Telephone
	Union Maintenance Co	Pacific Telephone
	Villalobos Edward A atty	Pacific Telephone
	Vogel Robert Brundage Beeson & Pappy attys	Pacific Telephone
	Weiner Robert E Brondage Beeson & Pappy attys	Pacific Telephone
	Western Conference Of Teamsters	Pacific Telephone
1975	LOS ANGELES COUNTY OF A ADOPTIONS DEPT	Pacific Telephone
	LOS ANGELES COUNTY OF PUBLIC ADMINISTRATOR & GUARDIAN	Pacific Telephone

1627 W OLYMPIC BLVD

Year	Uses	Source
1937	ALLEN Cora	Los Angeles Directory Co.

FINDINGS

1630 W OLYMPIC BLVD

Year	Uses	Source
2006	SINATRA	Haines Company, Inc
	MANUFACTORING	Haines Company, Inc
	UNIFORMS INC	Haines Company, Inc
1986	PENNZOIL COMPANY-	Pacific Bell
1985	PENNZOIL COMPANY	Pacific Bell
	Pennzoil Company The	Pacific Bell
	PENNZOIL COMPANY	Pacific Bell
	PENNZOIL COMPANY	Pacific Bell
1981	PRNNZOIL COMPANY	Pacific Telephone
1980	Pennzoil Company The	Pacific Telephone
	PENNZOIL COMPANY	Pacific Telephone
	PENNZOIL COMPANY	Pacific Telephone
	PENNZOIL COMPANY	Pacific Telephone
	PENNZOIL COMPANY W OLYMPIC BLVD LOS ANGELES	Pacific Telephone
1976	Genl Of	Pacific Telephone
	PENNZOIL COMPANY	Pacific Telephone
1975	PENNZOIL COMPANY	Pacific Telephone
	Pennzoil Company The	Pacific Telephone
	PENNZOLL COMPANY	Pacific Telephone
	PENNZOIL COMPANY	Pacific Telephone
1966	PENNZOIL COMPANY THE	Pacific Telephone
1965	PENNZOIL COMPANY THE	Pacific Telephone
1962	PENNZOIL CO THE	Pacific Telephone
1960	PENNZOIL CO THE	Pacific Telephone

1650 W OLYMPIC BLVD

Year	Uses	Source
1990	NETWORK 2000	Pacific Bell

1685 W OLYMPIC BLVD

Year	Uses	Source
1990	LAW OFFICES OF ALPHONSO KIMBELL	Pacific Bell

W Olympic Blvd

1701 W Olympic Blvd

Year	Uses	Source
2014	NSD HERBAL INC	EDR Digital Archive

Year	Uses	Source
2010	NSD HERBAL INC	EDR Digital Archive

W OLYMPIC BLVD

1721 W OLYMPIC BLVD

Year	Uses	Source
2006	RODEO MEXICAN	Haines Company, Inc
	GRILL	Haines Company, Inc
1990	UTAGE	Pacific Bell
1986	UTAGE	Pacific Bell
1976	Sentinel Life Insurance Co	Pacific Telephone
	MC CLURE PAUL R American Guaranty Life Insurance Co	Pacific Telephone
	International Funeral Plan Sentinel Life Insurance Co	Pacific Telephone
	Ofc	Pacific Telephone
	Gabrio Anthony L rl est	Pacific Telephone
	California Memorial Plan Sentinel Life Insurance Co	Pacific Telephone
	CALIFORNIA MEMORIAL PLAN American Guaranty Life ins Co	Pacific Telephone
	AMERICAN GUARANTY LIFE INS CO	Pacific Telephone
	AMERICAN FUNERAL PLAN American Guaranty Life Ins Co	Pacific Telephone

1728 W OLYMPIC BLVD

Year	Uses	Source
1937	LEWIS Mary Mrs	Los Angeles Directory Co.

W Olympic Blvd

1730 W Olympic Blvd

Year	Uses	Source
2014	CITY NATIONAL BANK	EDR Digital Archive
	LINCOLN ONLINE UNIVERSITY INC	EDR Digital Archive
	GENDER JUSTICE LA	EDR Digital Archive
	ASIAN PCF POLICY & PLG COUNCIL	EDR Digital Archive
	PALS FOR HEALTH	EDR Digital Archive
	BENEFITS ASSISTANCE CLIENTS UP	EDR Digital Archive
	SPECIAL SERVICE FOR GROUPS	EDR Digital Archive
	PAINTED BRAIN	EDR Digital Archive
	REMOVERITE INC	EDR Digital Archive

FINDINGS

Year	Uses	Source
2014	API MENTAL HEALTH ALLIANCE	EDR Digital Archive
	FOOD CHAIN WORKERS ALIANCE INC	EDR Digital Archive
	INDEPENDENT MULTICULTURAL MEDI	EDR Digital Archive
	GREAT LEAP INC	EDR Digital Archive
	APAIT	EDR Digital Archive
	ICGC ALLTEL CORPORATION	EDR Digital Archive
	INGLEWOOD HAWTHORNE WAVE	EDR Digital Archive
	TLC USED TOYOTA AUTO PARTS	EDR Digital Archive
	FASTCREDIT FINANCIAL INC	EDR Digital Archive
	HOLLYWOOD INDEPENDENT	EDR Digital Archive
	INTEGRTED BEHAVIORAL HLTH TEAM	EDR Digital Archive
	ANGELES MESA NEWS	EDR Digital Archive
	WAVE NEWSPAPER GROUP	EDR Digital Archive
	SOUTHWEST WAVE	EDR Digital Archive
	ACCESS HOME LENDING	EDR Digital Archive
	BLACK MDIA PRSRVTION FUNDATION	EDR Digital Archive
	ABRAHAM LNCOLN FRDOM FUNDATION	EDR Digital Archive
2010	FASTCREDIT FINANCIAL INC	EDR Digital Archive
	BEST HERBS INC	EDR Digital Archive
	SEIU UHW W JNT EMPLOYER EDUC F	EDR Digital Archive
	DR DREW FENTON MD	EDR Digital Archive
	ALHAMBRA POST ADVOCATE	EDR Digital Archive
	HOLLYWOOD INDEPENDENT	EDR Digital Archive
	WILSHIRE INDEPENDENT	EDR Digital Archive
	BLACK MDIA PRSRVTION FUNDATION	EDR Digital Archive
	SAM RA SPECIAL CLINIC	EDR Digital Archive
	ANGELES MESA NEWS	EDR Digital Archive
	WAVE NEWSPAPER GROUP	EDR Digital Archive
	FASTLANE FINANCIAL INC	EDR Digital Archive
	ACCESS HOME LENDING	EDR Digital Archive
	ICGC ALLTEL CORPORATION	EDR Digital Archive
	RIVER OF LIVING WATER CHURCH	EDR Digital Archive
	CITY NATIONAL BANK	EDR Digital Archive
	SAMRA UNIV ORIENTAL MEDICINE	EDR Digital Archive
	DARRIN BLUMFIELD ESQ	EDR Digital Archive

W OLYMPIC BLVD

1730 W OLYMPIC BLVD

Year	Uses	Source
1995	CITY NATIONAL BASML	Pacific Bell
1991	Computer Center	Pacific Bell
	Computer Center	Pacific Bell
	Business Forms Division	Pacific Bell
	CITY NATIONAL MORTGAGE COMPANY	Pacific Bell
1990	CITY NATIONAL BANK OLYMPIC & BURLINGTON	Pacific Bell
	CITY NATIONAL BANK CNIS	Pacific Bell
1986	ALTIN S COFFEE SHOP	Pacific Bell
	CITY NATIONAL BANK	Pacific Bell
1985	Business Forms Division	Pacific Bell
1981	WESTERN UNION INTERNATIONAL INC	Pacific Telephone
	X-TRA GIRL OFFICE SYSTEMS	Pacific Telephone
	HALLIBURTON DAVID J INVSTMTS	Pacific Telephone
	HALLIBURTON ERLE P JR	Pacific Telephone
	HEIMANN GERHARD M ATTY	Pacific Telephone
	HILLMAN BIDDISON & LOEVENGUTH ENGNRS	Pacific Telephone
	HUMPHERYS JULIE PAYNE ATTY	Pacific Telephone
	I B E W-1710-PENSN PLANS	Pacific Telephone
	ISRAEL MERVYN R ATTY	Pacific Telephone
	KAPLON JOSEPH J ATTY	Pacific Telephone
	KEEN ROBERT E ATTY	Pacific Telephone
	KIRE OF CALIF	Pacific Telephone
	KORENGOLD JERRY T ATTY	Pacific Telephone
	KRISSMAN JOEL ATTY	Pacific Telephone
	L A T L A PHOTOCOPY SERVICE	Pacific Telephone
	LANE ERNEST R	Pacific Telephone
	LEVY JOEL M ATTY	Pacific Telephone
	LIBBEY GLASS DIVISION OWENS ILLINOIS	Pacific Telephone
	LOEVENGUTH JOHN C HILLMAN BIDDISON & LOEVENGUTH ENGNRS	Pacific Telephone
	ACADEMY OF PROFESSIONAL INVESTIGATORS	Pacific Telephone
	ALTIN S COFFEE SHOP	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	ANSELL & ANSELL A PROFESSIONAL CORPORATION ATTYS	Pacific Telephone
	ANSELL GERALD	Pacific Telephone
	ANSELL HERBERT M	Pacific Telephone
	ASSOCIACION NACIONAL PRO PERSONAS MAYORES INC	Pacific Telephone
	BARSH WENDY J ATTY	Pacific Telephone
	BELL & HOWELL CO	Pacific Telephone
	BIDDISON CYDNOR M JR HILLMAN BIDDISON & LOEVENGUTH ENGNRS	Pacific Telephone
	BOO WON KEOWOK CO	Pacific Telephone
	CHO PHILLIP H CPA	Pacific Telephone
	CHUNG & CHO CPAS	Pacific Telephone
	CHUNG KIMO CPA	Pacific Telephone
	DONGJZ AMERICA CO	Pacific Telephone
	GLASER JOHN STEPHEN ATTY	Pacific Telephone
	LOS ANGELES TRIAL LAWYERS	Pacific Telephone
	LYON FURNITURE MERCANTILE AGCY	Pacific Telephone
	MANUIKIN GARY N ATTY	Pacific Telephone
	MANULKIN & GLASER ATTYS	Pacific Telephone
	MARUISHI CYCLE AMERICA CORP	Pacific Telephone
	MEGA MARKETING SERVICES INC	Pacific Telephone
	MORGRIDGE HOWARD H & ASSOCIATES	Pacific Telephone
	MUSCULAR DYSTROPHY ASSN INC	Pacific Telephone
	MUSCULAR DYSTROPHY ASSOCIATION LOS ANGELES COUNTY CHAPTER	Pacific Telephone
	MUTL JERRY LEWIS CAMPAIGN	Pacific Telephone
	MUTL JERRY LEWIS CAMPAIGN	Pacific Telephone
	NATIONAL ASSOCIATION PRO SPANISH SPEAKING ELDERLY	Pacific Telephone
	PIRA	Pacific Telephone
	PAPPY GEORGE A ATTY	Pacific Telephone
	PAPPY GEORGE A ATTY	Pacific Telephone
	PAPPY ISRAEL & BENEZRA ATTYS	Pacific Telephone
	PAPPY KAPLON & VOGEL ATTYS	Pacific Telephone
	PERSONNEL & INDUSTRIAL RELATIONS ASSN INC P I R A	Pacific Telephone
	PROVISION WORKERS INDUSTRY BENEFIT FUNDS PENSN PLANS	Pacific Telephone
	RAPHAEL GERALD D ATTY	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	RESITEC INC	Pacific Telephone
	SAYBLE HILL ATTY	Pacific Telephone
	SAYBLE RAPHAEL A PROFESSIONAL CORPORATION ATTYS	Pacific Telephone
	SILVER DAVID M ATTY	Pacific Telephone
	SLAUGHTER GLEN & ASSOCIATES	Pacific Telephone
	SOLOV LESSING C ATTY	Pacific Telephone
	SO CALIF B & C UNION & INDUSTRY WELFARE FUND	Pacific Telephone
	STUTZ THOMAS B ALLY	Pacific Telephone
	TRAJON BUREAU OF INVESTIGATION DIVISION OF TRAJON INTERNATIONAL CORPORATION	Pacific Telephone
	TRAJON INTERNATIONAL CORPORATION	Pacific Telephone
	TRINDEX	Pacific Telephone
	VOGEL ROBERT D ATTY	Pacific Telephone
	WALTERS C A WESTERN UNION INTERNATIONAL INC	Pacific Telephone
1980	ATTORNEY REFERRAL SERVICE OF THE LOS ANGELES TRIAL LAWYERS ASSOCIATION W O	Pacific Telephone
	MUSCULAR DYSTROPHY ASSOCIATION INC LOS ANGELES COUNTY CHAPTER W OLYMPIC BL	Pacific Telephone
	Muscular Dystrophy Association Inc Los Angeles County Chapter	Pacific Telephone
	Western Union International Inc	Pacific Telephone
	WESTERN UNION TELEGRAPH COMPANY To Send Malgram International Or Telegram Messages Call	Pacific Telephone
	CENTRAL AL	Pacific Telephone
	NORTHWEST PAS	Pacific Telephone
	San Fernando Valley	Pacific Telephone
	South Bay	Pacific Telephone
	Southeastern Whttier	Pacific Telephone
	W EL SUR ST	Pacific Telephone
	WESTERN UNION TELEGRAPH COMPANY For Counter Service And Other Purposes	Pacific Telephone
	Business Forms Division	Pacific Telephone
	MUSCULAR DYSTROPHY ASSOCIATION INC LOS ANGELES COUNTY CHAPTER	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	LIBBEY GLASS DIVISION OWENS ILLINOIS	Pacific Telephone
	Lily Division Of Owens Illinois	Pacific Telephone
	Loevenguth John C Hillman Biddison & Loevenguth engnrs	Pacific Telephone
	LOS ANGELES TRIAL LAWYERS	Pacific Telephone
	Lyon Furniture Mercantile Agcy	Pacific Telephone
	Maghame Robert	Pacific Telephone
	AMERICAN BANK NOTE CO	Pacific Telephone
	Ansell & Ansell A Professional Corporat attys	Pacific Telephone
	Ansell Gerald	Pacific Telephone
	Ansell Herbert M	Pacific Telephone
	Asbestos Worker Health & Wefare Fund pensn plans	Pacific Telephone
	Biddison Cydnor M Jr Hillman Biddison & Loevenguth engnrs	Pacific Telephone
	Brown Forman Distillers Corp Regional Advertising Dept	Pacific Telephone
	Regional Ofc	Pacific Telephone
	Central Union Health & Welfare Administrators	Pacific Telephone
	Cohen Edwin C & Associates	Pacific Telephone
	Commins Mary Jo atty	Pacific Telephone
	Creative Financial Corp II	Pacific Telephone
	Crocker Bank Business Services	Pacific Telephone
	Gold Seal Co	Pacific Telephone
	Greater Los Angeles Solid Wastes Management Association	Pacific Telephone
	Hallibruton David J investmts	Pacific Telephone
	Hallibruton Erle P Jr	Pacific Telephone
	Hallstein Robt E CPA	Pacific Telephone
	Hillman Biddison & Loevenquth engnrs	Pacific Telephone
	Hillman Ernest C Jr Hillman Biddison & Loevenvqith engnrs	Pacific Telephone
	Huebner Ted R Ansell & Ansell A Professional Corporation attys	Pacific Telephone
	I B E W N E C A pensn plans	Pacific Telephone
	Joseph Garneau Co	Pacific Telephone
	Keen Robert E atty	Pacific Telephone
	Manulkin Gary H atty	Pacific Telephone
	Mc Keehan Hallstein & Co CPAs	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	Mc Keehan Roscoe O CPA	Pacific Telephone
	Microform Data Systems	Pacific Telephone
	Group Sales Offices Doran Patrick	Pacific Telephone
	OCCIDENTAL LIFE INSURANCE COMPANY OF CALIFORNIA SALES AND SERVICE OFFICES	Pacific Telephone
	Okuno Edw CLU Agency	Pacific Telephone
	Pension Sales Office	Pacific Telephone
	Odell Donald W atty	Pacific Telephone
	Libbey Glass Division	Pacific Telephone
	OWENS ILLINOIS Forest Products Division	Pacific Telephone
	Personnel & Industrial Relations Assn Inc P I R A	Pacific Telephone
	Powell E Jack Mc Keehan Hallstein & Co CPAs	Pacific Telephone
	Powell Edw J Mickeehan Hallstein & Co CPAs	Pacific Telephone
	Productive Personnel	Pacific Telephone
	Provision Workers Industry Benefit Funds pensn plans	Pacific Telephone
	Raphael Gerald D atty	Pacific Telephone
	Rice Thos E Jr CPA	Pacific Telephone
	Sayble Hill atty	Pacific Telephone
	Sayble & Raphael A Professional Corporation attys	Pacific Telephone
	Schervem Vern G Mc Keehan Hallstein & Co CPAs	Pacific Telephone
	Slaughter Glen & Associates	Pacific Telephone
	Solov Lessing C atty	Pacific Telephone
	So Calif B & C Union & Industry Welfare Fund	Pacific Telephone
	Stutz Thomas B atty	Pacific Telephone
	Treusch Bradford L atty	Pacific Telephone
	Trygstad Lawrence B atty	Pacific Telephone
	Trygstad & Odell A Law Corp	Pacific Telephone
	Utencilios Modernos Par Cocinar	Pacific Telephone
	Walters C A Western Union International Inc	Pacific Telephone
	Western Bradford Trust Company	Pacific Telephone
	WESTERN UNION INTERNATIONAL INC	Pacific Telephone

W Olympic Blvd

1800 W Olympic Blvd

Year	Uses	Source
2014	7-ELEVEN INC	EDR Digital Archive
2010	7-ELEVEN INC	EDR Digital Archive
	H-H&S ENTERPRISES INC	EDR Digital Archive

W OLYMPIC PL

1630 W OLYMPIC PL

Year	Uses	Source
1970	PENNZOIL COMPANY THE	Pacific Telephone
	PENNZOIL COMPANY THE	Pacific Telephone
	PENNZOIL COMPANY THE	Pacific Telephone
1962	PENNZOIL CO THE	Pacific Telephone
1960	PENNZOIL COMPANY THE	Pacific Telephone

1730 W OLYMPIC PL

Year	Uses	Source
1981	AMERICAN BANK NOTE CO	Pacific Telephone
1970	SALES & SERVICE	Pacific Telephone
	REMINGTON RAND OFFICE MACHINES DIV	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone
	SPERRY RAND CORPORATION	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone
	SPERRY RAND CORPORATION	Pacific Telephone
	REMINGTON RAND OFFICE SYSTEMS DIVISION SPERRY RAND CORPORATION	Pacific Telephone

FINDINGS

W OLYMPLC BLVD

1605 W OLYMPLC BLVD

Year	*Uses*	*Source*
1990	MEIGS & ASSOCIATES	Pacific Bell

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1001 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1002 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1003 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1008 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1010 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1011 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1012 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1014 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1018 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1019 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1023 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1024 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1025 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1028 1/2 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1028 3/4 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1028 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1030 BEACON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1032 BEACON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1033 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1033 Beacon Ave	2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1033 S Burlington Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1034 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1036 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1036 S Burlington Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1038 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1040 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1041 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1042 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1051 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1051 Beacon Ave	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1051 S BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1052 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1062 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1605 W OLYMPIC	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1605 W OLYMPIC BLVD	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1605 W OLYMPLC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1606 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1610 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1611 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1615 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1619 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1621 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1623 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1625 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1625 W OLYMPIC	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1625 W OLYMPIC BLVD	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1627 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1630 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1630 W OLYMPIC	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1630 W OLYMPIC BLVD	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1972, 1971, 1970, 1969, 1967, 1964, 1963, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1630 W OLYMPIC PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1635 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1643 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1650 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1685 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1701 W Olympic Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1711 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1721 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1721 W OLYMPIC BLVD	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1728 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1730 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1730 W OLYMPIC	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1730 W OLYMPIC BLVD	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1730 W Olympic Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1730 W OLYMPIC PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1735 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1738 OLYMPIC BLVD W	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1800 W Olympic Blvd	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
946 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
948 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
950 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
952 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
953 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
954 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
957 BEACON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
958 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
959 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
963 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
975 BEACON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1700 W Olympic Boulevard	2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

1700 W Olympic Boulevard
1700 W Olympic Boulevard
Los Angeles, CA 90015

Inquiry Number: 5877588.6
November 20, 2019

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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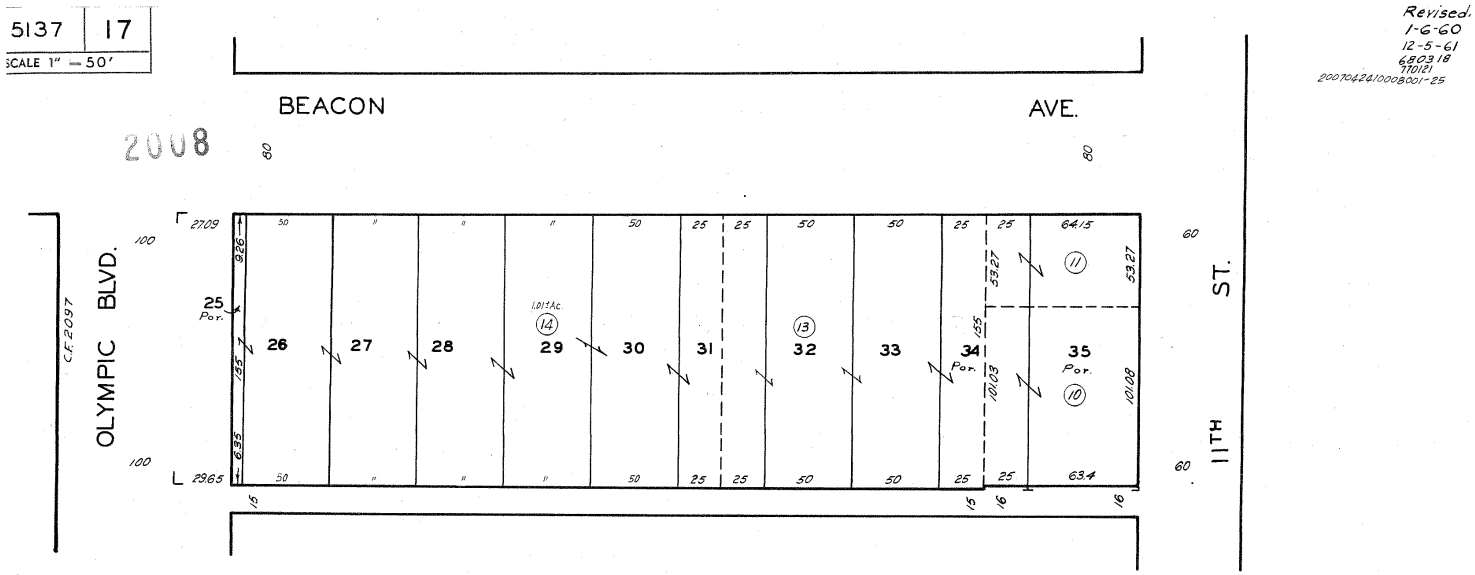

MILLER & HERRIOTT'S RESUB.

M.R.54-35

CODE
36

FOR PREV. ASSM'T. SEE: 1685-17

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

City of Los Angeles
Department of City Planning

11/25/2019
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

None

ZIP CODES

None

RECENT ACTIVITY

None

CASE NUMBERS

CPC-2013-3834-GPA-ZC-HD-CU-CUB-SPR
CPC-2001-5912-ICO
CPC-1995-237-CRA
CPC-1986-605-GPC
CPC-1978-27716
ORD-83552
ORD-77161
ORD-183450
ORD-174609
ORD-164625-SA6700
ORD-152007
ENV-2013-3835-MND
ENV-2013-3392-CE
ENV-2001-5913-CE-ICO
MND-97-135-CUZ-YV

Address/Legal Information	
PIN Number	130-5A203 338
Lot/Parcel Area (Calculated)	1,146.8 (sq ft)
Thomas Brothers Grid	PAGE 634 - GRID C4
Assessor Parcel No. (APN)	5137017014
Tract	MILLER AND HERRIOTTS RESUBDIVISION OF WEST HALF OF MRS. FITZGERALD'S TRACT
Map Reference	M R 54-35
Block	None
Lot	FR 25
Arb (Lot Cut Reference)	None
Map Sheet	129A203
	130-5A203
Jurisdictional Information	
Community Plan Area	Westlake
Area Planning Commission	Central
Neighborhood Council	Pico Union
Council District	CD 1 - Gilbert Cedillo
Census Tract #	2095.20
LADBS District Office	Los Angeles Metro
Planning and Zoning Information	
Special Notes	None
Zoning	(Q)C4-2D
Zoning Information (ZI)	ZI-2452 Transit Priority Area in the City of Los Angeles
	ZI-2374 LOS ANGELES STATE ENTERPRISE ZONE
General Plan Land Use	Community Commercial
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	None
Subarea	None
Special Land Use / Zoning	None
Design Review Board	No
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	None
Subarea	None
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No
Streetscape	No

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(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Adaptive Reuse Incentive Area	None
Affordable Housing Linkage Fee	
Residential Market Area	Medium
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Tier 3
RPA: Redevelopment Project Area	None
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	Active: 10th Street Elementary School
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	5137017014
APN Area (Co. Public Works)*	1.010 (ac)
Use Code	2700 - Commercial - Parking Lot (Commercial Use Property) - Lots - Patron or Employee - One Story
Assessed Land Val.	$4,954,330
Assessed Improvement Val.	$112,596
Last Owner Change	03/04/2013
Last Sale Amount	$4,500,045
Tax Rate Area	36
Deed Ref No. (City Clerk)	713527-31
	688220
	682200
	4-764
	4-31
	4-30
	4-29
	4-28
	367205
	323534
	29538
	276282
	1547007
	1510431
	1270776
	1186957
	1175626
	1175625
	1175624
	1042647
	1-38
	1
Building 1	No data for building 1
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No

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Flood Zone	None
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	No
Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	0.0059673744
Nearest Fault (Name)	Puente Hills Blind Thrust
Region	Los Angeles Blind Thrusts
Fault Type	B
Slip Rate (mm/year)	0.70000000
Slip Geometry	Reverse
Slip Type	Moderately / Poorly Constrained
Down Dip Width (km)	19.00000000
Rupture Top	5.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	25.00000000
Maximum Magnitude	7.10000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	No
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	None
Hubzone	Qualified
Opportunity Zone	No
Promise Zone	None
State Enterprise Zone	LOS ANGELES STATE ENTERPRISE ZONE
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No
Ellis Act Property	No
Public Safety	
Police Information	
Bureau	Central
Division / Station	Rampart
Reporting District	275
Fire Information	
Bureau	Central
Batallion	11
District / Fire Station	11
Red Flag Restricted Parking	No

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CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2013-3834-GPA-ZC-HD-CU-CUB-SPR
Required Action(s):	CU-CONDITIONAL USE CUB-CONDITIONAL USE BEVERAGE-ALCOHOLI GPA-GENERAL PLAN AMENDMENT HD-HEIGHT DISTRICT SPR-SITE PLAN REVIEW ZC-ZONE CHANGE
Project Descriptions(s):	GENERAL PLAN AMENDMENT TO COMMUNITY COMMERCIAL, ZONE CHANGE TO C4 FOR THE REAR PORTION OF THE PROPERTY, HEIGHT DISTRICT CHANGE TO 2D, CONDITIONAL USE FOR A HOTEL USE WITHIN 500 FT. OF AN R ZONE, CONDITIONAL USE FOR THE SALE OF ALCOHOLIC BEVERAGES IN A CAFE/BAR AND RESTAURANT, CONDITIONAL USE FOR RELIEFS FROM THE COMMERCIAL CORNER DEVELOPMENT, SITE PLAN REVIEW FOR A PROJECT HAVING 50 OR MORE UNITS.
Case Number:	CPC-2001-5912-ICO
Required Action(s):	ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	
Case Number:	CPC-1995-237-CRA
Required Action(s):	CRA-COMMUNITY REDEVELOPMENT AGENCY
Project Descriptions(s):	PRELIMINARY PLAN FOR THE PROPOSED FIRST AMENDMENT TO THE REDEVELOPMENT PLAN FOR THE PICO UNION REDEVELOPMENT PROJECT AREA NO.2
Case Number:	CPC-1986-605-GPC
Required Action(s):	GPC-GENERAL PLAN/ZONING CONSISTENCY (AB283)
Project Descriptions(s):	AB-283 PROGRAM - GENERAL PLAN/ZONE CONSISTENCY - WESTLAKE AREA- COMMUNITY WIDE ZONE CHANGES AND COMMUNITY PLAN CHANGES TO BRING THE ZONING INTO CONSISTENCY WITH THE COMMUNITY PLAN. INCLUDES CHANGES OF HEIGHT AS NEEDED. REQUIRED BY COURT AS PART OF SETTLEMENT IN THE HILLSIDE FEDERATION LAWSUIT (D. GREEN/BOWMAN)
Case Number:	CPC-1978-27716
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	ENV-2013-3835-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	GENERAL PLAN AMENDMENT TO COMMUNITY COMMERCIAL, ZONE CHANGE TO C4 FOR THE REAR PORTION OF THE PROPERTY, HEIGHT DISTRICT CHANGE TO 2D, CONDITIONAL USE FOR A HOTEL USE WITHIN 500 FT. OF AN R ZONE, CONDITIONAL USE FOR THE SALE OF ALCOHOLIC BEVERAGES IN A CAFE/BAR AND RESTAURANT, CONDITIONAL USE FOR RELIEFS FROM THE COMMERCIAL CORNER DEVELOPMENT, SITE PLAN REVIEW FOR A PROJECT HAVING 50 OR MORE UNITS.
Case Number:	ENV-2013-3392-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED ORDINANCE MODIFIES SECTION 22.119 OF THE LOS ANGELES ADMINISTRATIVE CODE TO ALLOW ORIGINAL ART MURALS ON LOTS DEVELOPED WITH ONLY ONE SINGLE-FAMILY RESIDENTIAL STRUCTURE AND THAT ARE LOCATED WITHIN COUNCIL DISTRICTS 1, 9, AND 14.
Case Number:	ENV-2001-5913-CE-ICO
Required Action(s):	CE-CATEGORICAL EXEMPTION ICO-INTERIM CONTROL ORDINANCE
Project Descriptions(s):	
Case Number:	MND-97-135-CUZ-YV
Required Action(s):	CUZ-ALL OTHER CONDITIONAL USE CASES YV-HEIGHT AND DENSITY ADJUSTMENTS 20% OR MORE
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-83552

ORD-77161

ORD-183450

ORD-174609

ORD-164625-SA6700

ORD-152007

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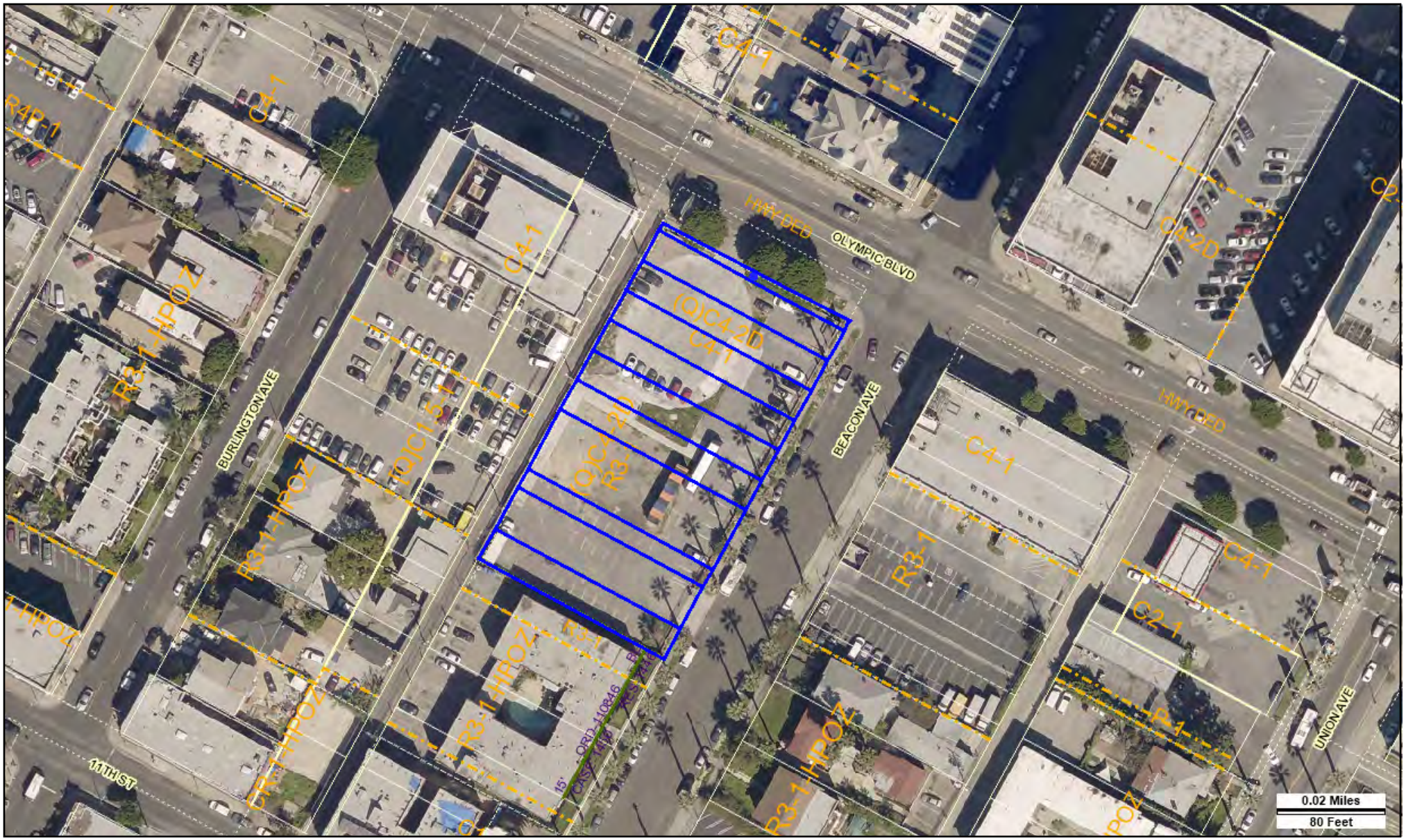
ZIMAS PUBLIC

LARIAC5 2017 Color-Ortho

11/25/2019

City of Los Angeles
Department of City Planning



Address: undefined

Tract: MILLER AND HERRIOTTS RESUBDIVISION OF WEST HALF OF MRS. FITZGERALD'S TRACT

Zoning: (Q)C4-2D

APN: 5137017014

Block: None

General Plan: Community Commercial

PIN #: 130-5A203 338

Lot: FR 25

Arb: None

N
W
E
S

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
- Horsekeeping Area
- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
- City Hall
- Community Center
- Community Library
- Community Library (Proposed Expansion)
- Community Library (Proposed)
- Community Park
- Community Park (Proposed Expansion)
- Community Park (Proposed)
- Community Transit Center
- Convalescent Hospital
- Correctional Facility
- Cultural / Historic Site (Proposed)
- Cultural / Historical Site
- Cultural Arts Center
- DMV DMV Office
- DWP DWP
- DWP Pumping Station
- Equestrian Center
- HQ Fire Department Headquarters
- Fire Station
- Fire Station (Proposed Expansion)
- Fire Station (Proposed)
- Fire Supply & Maintenance
- Fire Training Site
- Fireboat Station
- Health Center / Medical Facility
- Helistop
- Historic Monument
- Historical / Cultural Monument
- Horsekeeping Area
- Horsekeeping Area (Proposed)
- Horticultural Center
- Hospital
- Hospital (Proposed)
- HW House of Worship
- e Important Ecological Area
- e Important Ecological Area (Proposed)
- Interpretive Center (Proposed)
- JC Junior College
- M MTA / Metrolink Station
- M MTA Station
- MTA Stop
- MWD MWD Headquarters
- Maintenance Yard
- Municipal Office Building
- P Municipal Parking lot
- Neighborhood Park
- Neighborhood Park (Proposed Expansion)
- Neighborhood Park (Proposed)
- Oil Collection Center
- P Parking Enforcement
- HQ Police Headquarters
- Police Station
- Police Station (Proposed Expansion)
- Police Station (Proposed)
- Police Training site
- PO Post Office
- Power Distribution Station
- Power Distribution Station (Proposed)
- Power Receiving Station
- Power Receiving Station (Proposed)
- C Private College
- E Private Elementary School
- Private Golf Course
- Private Golf Course (Proposed)
- JH Private Junior High School
- PS Private Pre-School
- Private Recreation & Cultural Facility
- SH Private Senior High School
- SF Private Special School
- E Public Elementary (Proposed Expansion)
- E Public Elementary School
- E Public Elementary School (Proposed)
- Public Golf Course
- Public Golf Course (Proposed)
- Public Housing
- Public Housing (Proposed Expansion)
- JH Public Junior High School
- JH Public Junior High School (Proposed)
- MS Public Middle School
- SH Public Senior High School
- SH Public Senior High School (Proposed)
- Pumping Station
- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- OS Opportunity School
- CT Charter School
- ES Elementary School
- SP Span School
- SE Special Education School
- HS High School
- MS Middle School
- EEC Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

LAMC SECTION 85.02 (VEHICLE DWELLING)

- No vehicle dwelling anytime
- No vehicle dwelling overnight between 9:00 PM - 6:00 AM. Must comply with all posted parking restrictions
- Vehicle dwelling allowed. Must comply with all posted parking restrictions

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Wells

1700 W Olympic Boulevard
1700 W Olympic Boulevard
Los Angeles, CA 90015

Inquiry Number: 5877588.2s
November 20, 2019

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA 90015

COORDINATES

Latitude (North):	34.0494240 - 34˚ 2' 57.92''
Longitude (West):	118.2760390 - 118˚ 16' 33.74''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	382222.5
UTM Y (Meters):	3768175.8
Elevation:	253 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515, 20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		1735 W OLYMPIC BLVD	CA UST	Higher	172, 0.033, North
B2	FRYER E F	1677 W 11TH ST	EDR Hist Cleaner	Lower	247, 0.047, SW
C3	EUREKA LITHOGRAPH IN	1633 W 11TH ST	RCRA-SQG, FINDS, ECHO, CA EMI, CA HAZNET, CA CERS	Lower	259, 0.049, South
A4	7-ELEVEN #21030	1800 W OLYMPIC BLVD	CA HAZMAT, CA CERS	Higher	296, 0.056, NW
A5	JAMMAL JACK	1818 W OLYMPIC BLVD	EDR Hist Auto	Higher	308, 0.058, NW
A6		1818 W OLYMPIC BLVD	CA UST	Higher	308, 0.058, NW
A7	CITY NATIONAL BANK	1801 W OLYMPIC BLVD	CA AST, CA CERS TANKS, CA HAZMAT, CA CERS	Higher	316, 0.060, NNW
A8	CITY NATIONAL BANK	1801 W OLYMPIC BLVD	RCRA-SQG, CA LUST, CA UST, CA SWEEPS UST, FINDS,...	Higher	316, 0.060, NNW
A9	JONES LANG LASALLE	1801 W OLYMPIC BLVD	CA AST	Higher	316, 0.060, NNW
A10	PIERCE ARROW SALES	1836 W OLYMPIC BLVD	EDR Hist Auto	Higher	328, 0.062, NW
D11	CHEVRON 93929	1600 W OLYMPIC BLVD	RCRA NonGen / NLR	Lower	333, 0.063, ESE
D12	CHEVRON #9-3929	1600 OLYMPIC BLVD W	CA LUST, CA Cortese, CA HIST CORTESE, CA CERS	Lower	333, 0.063, ESE
D13	CHEVRON STATIONS	1600 W OLYMPIC BLVD	EDR Hist Auto	Lower	333, 0.063, ESE
D14	CHEVRON STATION 9392	1600 W OLYMPIC BLVD	CA CERS HAZ WASTE, CA SWEEPS UST, CA FID UST, CA...	Lower	333, 0.063, ESE
D15	APRO LLC DBA UNITED	1600 W OLYMPIC BLVD	RCRA NonGen / NLR	Lower	333, 0.063, ESE
D16	93929	1600 W OLYMPIC	CA HIST UST	Lower	333, 0.063, ESE
D17	UNITED #170	1600 W OLYMPIC BLVD	CA UST	Lower	333, 0.063, ESE
A18	DAMON K G	1837 W OLYMPIC BLVD	EDR Hist Auto	Higher	333, 0.063, NW
C19	CWA LOCAL 9400 THE U	1632 W 11TH ST	CA HAZNET, CA HAZMAT	Lower	357, 0.068, South
B20	BROWN GEO	1803 W 11TH ST	EDR Hist Cleaner	Lower	364, 0.069, WSW
C21	BEATTY J P	1601 W 11TH ST	EDR Hist Auto	Lower	421, 0.080, SSE
B22	ELDCO INC	1802 W 11TH ST	CA HAZMAT	Lower	424, 0.080, WSW
B23	GROSS HENRY	1804 W 11TH ST	EDR Hist Cleaner	Lower	429, 0.081, WSW
B24	HARNED W R	1810 W 11TH ST	EDR Hist Cleaner	Lower	491, 0.093, WSW
D25	TENENBAUM SIDNEY	1560 W OLYMPIC	EDR Hist Auto	Lower	545, 0.103, ESE
D26		1560 W OLYMPIC	CA UST	Lower	545, 0.103, ESE
27	WHETAN J J	1554 W 11TH ST	EDR Hist Auto	Lower	599, 0.113, SSE
D28	MK DRY CLEANING INC	1542 W OLYMPIC BLVD	EDR Hist Cleaner	Lower	610, 0.116, ESE
E29	ANACOMP, INC	1543 W OLYMPIC BLVD	CA HAZNET, CA HAZMAT	Lower	646, 0.122, East
E30	TERON PETROLEUM CORP	1543 W OLYMPIC BLVD	EDR Hist Auto	Lower	646, 0.122, East
F31	AMERICA AUTO REPAIR	1750 JAMES M WOOD BL	CA CERS HAZ WASTE, CA HAZMAT	Higher	676, 0.128, NNE
G32		1901 W OLYMPIC BLVD	CA UST	Higher	714, 0.135, NW
E33		1538 W OLYMPIC BLVD	CA UST	Lower	715, 0.135, ESE
F34	MEXICO TIRES & AUTO	1750 W 9TH ST	CA HAZMAT	Higher	716, 0.136, NNE
H35	L.A. UNIFIED SCHOOL	1027 GRATTAN ST	CA SWEEPS UST	Lower	742, 0.141, ESE
H36		1027 GRATTAN ST	CA UST	Lower	742, 0.141, ESE
37		1632 W 9TH ST	CA UST	Higher	742, 0.141, NE
G38	EL POLLO LOCO #5502	1934 W OLYMPIC BLVD	CA HAZMAT, CA CERS	Higher	799, 0.151, NW
I39	LOS ANGELES - W 11TH	1554 W 11TH PL	US BROWNFIELDS, FINDS	Lower	849, 0.161, SSE

MAPPED SITES SUMMARY

Target Property Address:
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	JOSEPH H LEE DDS	1515 W OLYMPIC BLVD	RCRA NonGen / NLR	Lower	865, 0.164, ESE
F41	BURLINGTON CONVALESC	845 S BURLINGTON AVE	CA HAZMAT, CA CERS	Higher	908, 0.172, North
I42		1146 S UNION AVE	CA UST	Lower	914, 0.173, South
H43	LAUSD - 10TH STREET	1000 S GRATTAN ST	CA HAZMAT	Lower	916, 0.173, SE
H44	LAUSD 10TH ST ELEM S	1000 GRATTAN ST	RCRA-SQG, FINDS, ECHO	Lower	916, 0.173, SE
J45	MCDONALD'S #4589	2020 W OLYMPIC BLVD	CA HAZNET, CA HAZMAT, CA CERS	Higher	1044, 0.198, WNW
K46	KEN TORABAYASHI/SAM	1020 S VALENCIA ST	CA SWEEPS UST, CA FID UST, CA HAZMAT	Lower	1086, 0.206, SE
K47	CRUZ EARLY EDUCATION	1020 S VALENCIA ST	RCRA-LQG	Lower	1086, 0.206, SE
K48	INKEN CORPORATION	1064 VALENCIA STREET	RCRA NonGen / NLR	Lower	1087, 0.206, SE
49	BURLINGTON ARMS APAR	817 SOUTH BURLINGTON	RCRA NonGen / NLR	Higher	1123, 0.213, NNE
50		1225 S UNION AVE	CA UST	Lower	1131, 0.214, South
L51		913 VALENCIA ST	CA UST	Higher	1145, 0.217, East
M52	OLYMPIA CONVALESCENT	1100 S ALVARADO ST	CA HAZMAT, CA CERS	Lower	1197, 0.227, West
K53	MIX AND MATCH	769 W 10TH PL	RCRA-SQG, FINDS, ECHO	Lower	1201, 0.227, ESE
J54		2026 W OLYMPIC BLVD	CA UST	Higher	1207, 0.229, WNW
M55		2020 W 11TH ST	CA UST	Lower	1213, 0.230, West
N56	MOBIL #18-HYQ	958 ALVARADO	CA HIST CORTESE	Higher	1220, 0.231, NW
N57	MOBIL OIL CORP	958 S ALVARADO ST	CA CERS HAZ WASTE, CA SWEEPS UST, CA FID UST, CA...	Higher	1220, 0.231, NW
N58	MOBIL #18-HYQ	958 ALVARADO ST S	CA LUST, CA Cortese, CA CERS	Higher	1220, 0.231, NW
N59	IN KU LEE	958 S ALVARADO ST	CA HIST UST	Higher	1220, 0.231, NW
N60	MOBIL - LEE INKUS	958 S ALVARADO ST	CA UST	Higher	1220, 0.231, NW
N61	EXXONMOBIL OIL CORP	958 S ALVARADO ST	RCRA-SQG, CA HAZNET	Higher	1220, 0.231, NW
N62	LEE IN KUS MOBIL	958 S ALVARADO ST	RCRA NonGen / NLR	Higher	1220, 0.231, NW
O63		811 S UNION AVE	CA UST	Higher	1224, 0.232, NE
P64	LA DWP - DISTRIBUTIO	801 S BEACON AVE	CA HAZMAT	Higher	1230, 0.233, NNE
65		1513 W 12TH ST	CA UST	Lower	1236, 0.234, SSE
N66	SHAN-O LEE, DENTIST	936 S ALVARADO ST	CA HAZNET, CA HAZMAT	Higher	1254, 0.237, NW
O67		805-07 S UNION AVE	CA UST	Higher	1272, 0.241, NE
L68		1500 W 9TH ST	CA UST	Higher	1274, 0.241, East
M69	STEWARD PRINTERS/LIT	1122 S ALVARADO ST	CA HAZMAT	Lower	1306, 0.247, West
P70	FREMONT INDEMNITY BU	1709 008TH ST W	CA LUST, CA HIST CORTESE, CA CERS	Higher	1358, 0.257, NNE
71	DHHS/U.S.FOOD & DRUG	1521 W. PICO BLVD	SEMS-ARCHIVE, RCRA-SQG, FINDS, ECHO, NY MANIFEST	Lower	1563, 0.296, South
72	BELMONT PRIMARY CENT	950 SOUTH ALBANY STR	CA ENVIROSTOR, CA SCH	Lower	1594, 0.302, ESE
73	ARMORED TRANSPORT IN	1612 PICO BLVD	CA LUST, CA CERS	Lower	1609, 0.305, SSW
74	THRIFTY STATION 281	1205 ALVARADO ST. S.	CA LUST, CA CERS	Lower	1800, 0.341, West
Q75	MR. SIPPEE	1045 BLAINE ST	CA LUST, CA HIST UST, CA CERS	Lower	1813, 0.343, SE
Q76	CHEVRON #9-0054	1312 011TH ST W	CA LUST, CA HIST CORTESE, CA CERS	Lower	1858, 0.352, SE
77	UNOCAL (FORMER)	801-807 ALVARADO ST	CA LUST, CA ENF, CA CERS	Higher	1859, 0.352, NNW
78	BELMONT NEW PRIMARY	927-937 BLAINE STREE	CA ENVIROSTOR, CA SCH	Higher	1896, 0.359, ESE

MAPPED SITES SUMMARY

Target Property Address:
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA 90015

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
R79	LA FIRST CHOICE COLL	1546 7TH ST W	CA LUST	Higher	1971, 0.373, NE
80	LA CITY FIRE STATION	1819 7TH ST W	CA LUST, CA CERS	Higher	2082, 0.394, NNE
R81	SHELL #204-4532-0102	1551 007TH ST W	CA LUST, CA HIST CORTESE, CA CERS	Higher	2153, 0.408, NE
82	SHELL #204-4532-0102	1550 007TH	CA HIST CORTESE	Higher	2172, 0.411, NE
S83	API ALARM SYSTEMS	2323 OLYMPIC BLVD W	CA LUST, CA CERS HAZ WASTE, CA SWEEPS UST, CA FID...	Higher	2222, 0.421, WNW
S84	API ALARM SYSTEMS	2323 OLYMPIC	CA HIST CORTESE	Higher	2222, 0.421, WNW
85	BELMONT NEW ELEMENTA	680 LITTLE	CA ENVIROSTOR, CA SCH, CA HIST CORTESE, CA CERS	Higher	2236, 0.423, NE
T86	SCHOOL POLICE DEPART	1330 W PICO BLVD	SEMS-ARCHIVE, RCRA-LQG, CA HIST UST, FINDS, ECHO,...	Lower	2476, 0.469, SSE
T87	JEFFRIES BANKNOTE CO	1330 WEST PICO BLVD	CA ENVIROSTOR	Lower	2476, 0.469, SSE
U88	ESPERANZA LEARNING C	LITTLE STREET/INGRAM	CA ENVIROSTOR, CA SCH	Higher	2526, 0.478, NE
89	PARK VIEW VILLAGE	933 - 937 SOUTH PARK	CA ENVIROSTOR	Higher	2539, 0.481, NW
V90	CAMINO NUEVO MIDDLE	1800 WILSHIRE BLVD	CA LUST	Higher	2542, 0.481, NNE
V91	CAMINO NUEVO MIDDLE	1800 WILSHIRE BLVD	CA LUST, CA CERS	Higher	2542, 0.481, NNE
U92	UNOCAL #2325	1546 WILSHIRE BLVD	CA LUST, CA HIST CORTESE, CA CERS	Higher	2575, 0.488, NE
U93	CENTRAL LOS ANGELES	UNION AVENUE/WILSHIR	CA ENVIROSTOR, CA SCH	Higher	2588, 0.490, NE
94	COMMERCIAL BUILDING	1930 WILSHIRE BOULEV	CA LUST, CA HAZMAT, CA CERS	Higher	2618, 0.496, NNE
W95	CENTRAL REGION MACAR	PARK VIEW STREET/GRA	CA ENVIROSTOR, CA SCH	Higher	2832, 0.536, NNW
W96	BELMONT/HOLLYWOOD PR	2300 WEST 7TH STREET	CA ENVIROSTOR, CA SCH	Higher	2882, 0.546, NNW
97	GOOD SAMARITAN HOSPI	1225 WILSHIRE	CA ENVIROSTOR, CA LUST, CA CERS	Higher	3392, 0.642, ENE
98	HOOVER STREET ELEMEN	2726 FRANCIS AVE	RCRA-SQG, CA ENVIROSTOR, CA SCH, FINDS, ECHO	Higher	3624, 0.686, NW
99	BELMONT/HOLLYWOOD EL	2401 WILSHIRE BOULEV	CA ENVIROSTOR, CA SCH	Higher	3982, 0.754, NNW
100	MAGNOLIA ELEMENTARY	1626 SOUTH ORCHARD A	CA ENVIROSTOR, CA SCH, CA HAZMAT, CA CERS	Lower	4089, 0.774, WSW
101	CENTRAL LOS ANGELES	450 SOUTH GRAND VIEW	CA ENVIROSTOR, CA SCH, CA CERS	Higher	4188, 0.793, North
102	GRATTS NEW PRIMARY C	WEST 6TH STREET/BIXE	CA ENVIROSTOR, CA SCH	Higher	4458, 0.844, ENE
103	GRATTS ELEMENTARY SC	309 LUCAS AVE	CA ENVIROSTOR, CA CPS-SLIC, CA SCH, CA ENF, CA...	Higher	5043, 0.955, NE
104	WEST FOURTH STREET S	2424 WEST 4TH STREET	CA ENVIROSTOR	Higher	5126, 0.971, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ..... National Priority List
Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing
SEMS ..... Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

Federal ERNS list

ERNS ..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

CA RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

CA SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

CA VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

CA BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT..... Waste Management Unit Database
CA SWRCY..... Recycler Database
CA HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

CA AOCONCERN..... Key Areas of Concerns in Los Angeles County
US HIST CDL..... Delisted National Clandestine Laboratory Register
CA HIST Cal-Sites..... Historical Calsites Database
CA CDL..... Clandestine Drug Labs
CA Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
CA PFAS..... PFAS Contamination Site Location Listing

Local Land Records

CA LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information
CA DEED..... Deed Restriction Listing

EXECUTIVE SUMMARY

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CA LDS	Land Disposal Sites Listing
CA MCS	Military Cleanup Sites Listing
CA SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CA CUPA Listings	CUPA Resources List
CA DRYCLEANERS	Cleaner Facilities
CA Financial Assurance	Financial Assurance Information Listing
CA ICE	ICE
CA LOS ANGELES CO. HMS	HMS: Street Number List
CA HWP	EnviroStor Permitted Facilities Listing
CA HWT	Registered Hazardous Waste Transporter Database
CA MINES	Mines Site Location Listing
CA MWMP	Medical Waste Management Program Listing

EXECUTIVE SUMMARY

CA NPDES ..... NPDES Permits Listing
CA PEST LIC ..... Pesticide Regulation Licenses Listing
CA PROC ..... Certified Processors Database
CA Notify 65 ..... Proposition 65 Records
LA Co. Site Mitigation ..... Site Mitigation List
CA UIC ..... UIC Listing
CA UIC GEO ..... UIC GEO (GEOTRACKER)
CA WASTEWATER PITS ..... Oil Wastewater Pits Listing
CA WDS ..... Waste Discharge System
CA WIP ..... Well Investigation Program Case List
CA MILITARY PRIV SITES ..... MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT ..... PROJECT (GEOTRACKER)
CA WDR ..... Waste Discharge Requirements Listing
CA NON-CASE INFO ..... NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS ..... OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS ..... PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT ..... SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ ..... Well Stimulation Project (GEOTRACKER)
CA LOS ANGELES CO LF METHANE ..... Methane Producing Landfills
MINES MRDS ..... Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF ..... Recovered Government Archive Solid Waste Facilities List
CA RGA LUST ..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

EXECUTIVE SUMMARY

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/19/2019 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DHHS/U.S.FOOD & DRUG	***1521 W. PICO BLVD***	***S 1/4 - 1/2 (0.296 mi.)***	***71***	***145***
SCHOOL POLICE DEPART	***1330 W PICO BLVD***	***SSE 1/4 - 1/2 (0.469 mi.)***	***T86***	***215***
Site ID: 0901272				
EPA Id: CAD028528230				

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/24/2019 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CRUZ EARLY EDUCATION	1020 S VALENCIA ST	SE 1/8 - 1/4 (0.206 mi.)	K47	93
EPA ID:: CAR000191817				

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY NATIONAL BANK	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A8***	***25***
EPA ID:: CAD982040495				
EXXONMOBIL OIL CORP	***958 S ALVARADO ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***N61***	***134***

EPA ID:: CAR000198531

Lower Elevation	Address	Direction / Distance	Map ID	Page
EUREKA LITHOGRAPH IN EPA ID:: CAD981981723	***1633 W 11TH ST***	***S 0 - 1/8 (0.049 mi.)***	***C3***	***9***
LAUSD 10TH ST ELEM S EPA ID:: CAD982025132	***1000 GRATTAN ST***	***SE 1/8 - 1/4 (0.173 mi.)***	***H44***	***88***
MIX AND MATCH EPA ID:: CAD983668724	***769 W 10TH PL***	***ESE 1/8 - 1/4 (0.227 mi.)***	***K53***	***107***

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 07/29/2019 has revealed that there are 17 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELMONT NEW PRIMARY Status: Inactive - Needs Evaluation Facility Id: 19750090	***927-937 BLAINE STREE***	***ESE 1/4 - 1/2 (0.359 mi.)***	***78***	***176***
BELMONT NEW ELEMENTA Status: Certified Facility Id: 19750071	***680 LITTLE***	***NE 1/4 - 1/2 (0.423 mi.)***	***85***	***206***
ESPERANZA LEARNING C Status: No Action Required Facility Id: 19820025	***LITTLE STREET/INGRAM***	***NE 1/4 - 1/2 (0.478 mi.)***	***U88***	***221***
PARK VIEW VILLAGE Status: Refer: 1248 Local Agency Facility Id: 19000022	933 - 937 SOUTH PARK	NW 1/4 - 1/2 (0.481 mi.)	89	223
CENTRAL LOS ANGELES Status: Certified Facility Id: 19550021	***UNION AVENUE/WILSHIR***	***NE 1/4 - 1/2 (0.490 mi.)***	***U93***	***233***
CENTRAL REGION MACAR Status: No Further Action Facility Id: 60000831	***PARK VIEW STREET/GRA***	***NNW 1/2 - 1 (0.536 mi.)***	***W95***	***246***
BELMONT/HOLLYWOOD PR Status: Certified Facility Id: 19590002	***2300 WEST 7TH STREET***	***NNW 1/2 - 1 (0.546 mi.)***	***W96***	***249***
GOOD SAMARITAN HOSPI	***1225 WILSHIRE***	***ENE 1/2 - 1 (0.642 mi.)***	***97***	***252***

Status: Refer: Other Agency Facility Id: 71003074				
HOOVER STREET ELEMEN Status: Certified Facility Id: 19700002	***2726 FRANCIS AVE***	***NW 1/2 - 1 (0.686 mi.)***	***98***	***257***
BELMONT/HOLLYWOOD EL Status: Certified Facility Id: 19820042	***2401 WILSHIRE BOULEV***	***NNW 1/2 - 1 (0.754 mi.)***	***99***	***262***
CENTRAL LOS ANGELES Status: No Further Action Facility Id: 19730194	***450 SOUTH GRAND VIEW***	***N 1/2 - 1 (0.793 mi.)***	***101***	***269***
GRATTS NEW PRIMARY C Status: Certified Facility Id: 19880042	***WEST 6TH STREET/BIXE***	***ENE 1/2 - 1 (0.844 mi.)***	***102***	***274***
GRATTS ELEMENTARY SC Status: Certified / Operation & Maintenance Facility Id: 19820074	***309 LUCAS AVE***	***NE 1/2 - 1 (0.955 mi.)***	***103***	***279***
WEST FOURTH STREET S Status: Refer: Other Agency Facility Id: 19490210	2424 WEST 4TH STREET	N 1/2 - 1 (0.971 mi.)	104	311

Lower Elevation	Address	Direction / Distance	Map ID	Page
BELMONT PRIMARY CENT Status: Certified Facility Id: 19590009	***950 SOUTH ALBANY STR***	***ESE 1/4 - 1/2 (0.302 mi.)***	***72***	***149***
JEFFRIES BANKNOTE CO Status: Refer: Other Agency Facility Id: 19270326	1330 WEST PICO BLVD	SSE 1/4 - 1/2 (0.469 mi.)	T87	219
MAGNOLIA ELEMENTARY Status: No Action Required Facility Id: 19820078	***1626 SOUTH ORCHARD A***	***WSW 1/2 - 1 (0.774 mi.)***	***100***	***266***

State and tribal leaking storage tank lists

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 17 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY NATIONAL BANK Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/09/2019 Status: Completed - Case Closed Facility Id: 900060043 Status: Case Closed	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A8***	***25***

Global Id: T0603700473
Global ID: T0603700473

MOBIL #18-HYQ ***958 ALVARADO ST S*** ***NW 1/8 - 1/4 (0.231 mi.)*** ***N58*** ***121***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Open - Remediation
Facility Id: 900060052
Status: Remedial action (cleanup) Underway
Global Id: T0603700474
Global ID: T0603700474

FREMONT INDEMNITY BU ***1709 008TH ST W*** ***NNE 1/4 - 1/2 (0.257 mi.)*** ***P70*** ***142***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900570089
Status: Case Closed
Global Id: T0603701132
Global ID: T0603701132

UNOCAL (FORMER) ***801-807 ALVARADO ST*** ***NNW 1/4 - 1/2 (0.352 mi.)*** ***77*** ***171***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900570161
Status: Preliminary site assessment workplan submitted
Global Id: T0603701138
Global ID: T0603701138

LA FIRST CHOICE COLL 1546 7TH ST W NE 1/4 - 1/2 (0.373 mi.) R79 178
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Global Id: T10000001016

LA CITY FIRE STATION ***1819 7TH ST W*** ***NNE 1/4 - 1/2 (0.394 mi.)*** ***80*** ***180***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900570170
Status: Leak being confirmed
Global Id: T0603792891
Global ID: T0603792891

SHELL #204-4532-0102 ***1551 007TH ST W*** ***NE 1/4 - 1/2 (0.408 mi.)*** ***R81*** ***183***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900170116
Status: Pollution Characterization
Global Id: T0603700591
Global ID: T0603700591

API ALARM SYSTEMS ***2323 OLYMPIC BLVD W*** ***WNW 1/4 - 1/2 (0.421 mi.)*** ***S83*** ***197***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900060034
Status: Case Closed
Global Id: T0603700472

Global ID: T0603700472

CAMINO NUEVO MIDDLE	1800 WILSHIRE BLVD	NNE 1/4 - 1/2 (0.481 mi.)	V90	224

Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Global Id: T0603729768

CAMINO NUEVO MIDDLE	***1800 WILSHIRE BLVD***	***NNE 1/4 - 1/2 (0.481 mi.)***	***V91***	***226***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 900570207
Status: Case Closed
Global ID: T0603729768

UNOCAL #2325	***1546 WILSHIRE BLVD***	***NE 1/4 - 1/2 (0.488 mi.)***	***U92***	***228***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900170043
Status: Case Closed
Global Id: T0603798812
Global Id: T0603700583
Global ID: T0603700583

COMMERCIAL BUILDING	***1930 WILSHIRE BOULEV***	***NNE 1/4 - 1/2 (0.496 mi.)***	***94***	***244***

Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Global Id: T10000009395

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-3929	***1600 OLYMPIC BLVD W***	***ESE 0 - 1/8 (0.063 mi.)***	***D12***	***36***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Open - Remediation
Facility Id: 900150043
Status: Remediation Plan
Global Id: T0603700547
Global ID: T0603700547

ARMORED TRANSPORT IN	***1612 PICO BLVD***	***SSW 1/4 - 1/2 (0.305 mi.)***	***73***	***153***

Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Global Id: T10000005398

THRIFTY STATION 281	***1205 ALVARADO ST. S.***	***W 1/4 - 1/2 (0.341 mi.)***	***74***	***155***

Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Global Id: T0603730711

MR. SIPPEE	***1045 BLAINE ST***	***SE 1/4 - 1/2 (0.343 mi.)***	***Q75***	***161***

Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Global Id: T0603741989

CHEVRON #9-0054	***1312 011TH ST W***	***SE 1/4 - 1/2 (0.352 mi.)***	***Q76***	***166***

Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 09/09/2019
Status: Completed - Case Closed
Facility Id: 900150061
Status: Leak being confirmed

EXECUTIVE SUMMARY

Global Id: T0603700549
Global ID: T0603700549

State and tribal registered storage tank lists

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, has revealed that there are 19 CA UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1735 W OLYMPIC BLVD	N 0 - 1/8 (0.033 mi.)	A1	9
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1818 W OLYMPIC BLVD	NW 0 - 1/8 (0.058 mi.)	A6	17
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
CITY NATIONAL BANK	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A8***	***25***
Database: UST, Date of Government Version: 09/09/2019 Database: LOS ANGELES UST, Date of Government Version: 06/01/2019 Facility Id: FA0018662 Facility Id: 23570				
Not reported	1901 W OLYMPIC BLVD	NW 1/8 - 1/4 (0.135 mi.)	G32	74
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1632 W 9TH ST	NE 1/8 - 1/4 (0.141 mi.)	37	75
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	913 VALENCIA ST	E 1/8 - 1/4 (0.217 mi.)	L51	97
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	2026 W OLYMPIC BLVD	WNW 1/8 - 1/4 (0.229 mi.)	J54	108
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
MOBIL - LEE INKUS	958 S ALVARADO ST	NW 1/8 - 1/4 (0.231 mi.)	N60	133
Database: UST, Date of Government Version: 09/09/2019 Database: LOS ANGELES UST, Date of Government Version: 06/01/2019 Facility Id: FA0000145 Facility Id: 24744				
Not reported	811 S UNION AVE	NE 1/8 - 1/4 (0.232 mi.)	O63	138
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	805-07 S UNION AVE	NE 1/8 - 1/4 (0.241 mi.)	O67	141
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1500 W 9TH ST	E 1/8 - 1/4 (0.241 mi.)	L68	141
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNITED #170	1600 W OLYMPIC BLVD	ESE 0 - 1/8 (0.063 mi.)	D17	60
Database: UST, Date of Government Version: 09/09/2019 Database: LOS ANGELES UST, Date of Government Version: 06/01/2019 Facility Id: 23749				
Not reported	1560 W OLYMPIC	ESE 0 - 1/8 (0.103 mi.)	D26	64
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1538 W OLYMPIC BLVD	ESE 1/8 - 1/4 (0.135 mi.)	E33	74
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1027 GRATTAN ST	ESE 1/8 - 1/4 (0.141 mi.)	H36	75
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1146 S UNION AVE	S 1/8 - 1/4 (0.173 mi.)	I42	88
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1225 S UNION AVE	S 1/8 - 1/4 (0.214 mi.)	50	97
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	2020 W 11TH ST	W 1/8 - 1/4 (0.230 mi.)	M55	109
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	1513 W 12TH ST	SSE 1/8 - 1/4 (0.234 mi.)	65	139
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, has revealed that there are 2 CA AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY NATIONAL BANK	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A7***	***17***
Database: LOS ANGELES AST, Date of Government Version: 06/01/2019				
JONES LANG LASALLE	1801 W OLYMPIC BLVD	NNW 0 - 1/8 (0.060 mi.)	A9	33
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/03/2019 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES - W 11TH	***1554 W 11TH PL***	***SSE 1/8 - 1/4 (0.161 mi.)***	***I39***	***77***
ACRES property ID: 229601				

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 08/14/2019 has revealed that there are 3 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICA AUTO REPAIR	***1750 JAMES M WOOD BL***	***NNE 1/8 - 1/4 (0.128 mi.)***	***F31***	***65***
MOBIL OIL CORP	***958 S ALVARADO ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***N57***	***109***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9392	***1600 W OLYMPIC BLVD***	***ESE 0 - 1/8 (0.063 mi.)***	***D14***	***45***

Local Lists of Registered Storage Tanks

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 5 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY NATIONAL BANK Status: A Comp Number: 8198	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A8***	***25***
MOBIL OIL CORP Status: A Tank Status: A Comp Number: 2135	***958 S ALVARADO ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***N57***	***109***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9392 Status: A Tank Status: A Comp Number: 3558	***1600 W OLYMPIC BLVD***	***ESE 0 - 1/8 (0.063 mi.)***	***D14***	***45***
L.A. UNIFIED SCHOOL Comp Number: 5816	1027 GRATTAN ST	ESE 1/8 - 1/4 (0.141 mi.)	H35	74
KEN TORABAYASHI/SAM Comp Number: 4304	***1020 S VALENCIA ST***	***SE 1/8 - 1/4 (0.206 mi.)***	***K46***	***92***

EXECUTIVE SUMMARY

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 CA HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IN KU LEE Facility Id: 00000039992	958 S ALVARADO ST	NW 1/8 - 1/4 (0.231 mi.)	N59	132

Lower Elevation	Address	Direction / Distance	Map ID	Page
93929 Facility Id: 00000062542	1600 W OLYMPIC	ESE 0 - 1/8 (0.063 mi.)	D16	59

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL OIL CORP Facility Id: 19001663 Status: A	***958 S ALVARADO ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***N57***	***109***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9392 Facility Id: 19001830 Status: A	***1600 W OLYMPIC BLVD***	***ESE 0 - 1/8 (0.063 mi.)***	***D14***	***45***
KEN TORABAYASHI/SAM Facility Id: 19040032 Status: A	***1020 S VALENCIA ST***	***SE 1/8 - 1/4 (0.206 mi.)***	***K46***	***92***

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 08/14/2019 has revealed that there are 3 CA CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY NATIONAL BANK	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A7***	***17***
MOBIL OIL CORP	***958 S ALVARADO ST***	***NW 1/8 - 1/4 (0.231 mi.)***	***N57***	***109***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 9392	***1600 W OLYMPIC BLVD***	***ESE 0 - 1/8 (0.063 mi.)***	***D14***	***45***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/24/2019 has revealed that there are 6 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURLINGTON ARMS APAR EPA ID:: CAC002993978	817 SOUTH BURLINGTON	NNE 1/8 - 1/4 (0.213 mi.)	49	96
LEE IN KUS MOBIL EPA ID:: CAL000386356	958 S ALVARADO ST	NW 1/8 - 1/4 (0.231 mi.)	N62	137

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 93929 EPA ID:: CAL000056704	1600 W OLYMPIC BLVD	ESE 0 - 1/8 (0.063 mi.)	D11	34
APRO LLC DBA UNITED EPA ID:: CAL000398612	1600 W OLYMPIC BLVD	ESE 0 - 1/8 (0.063 mi.)	D15	58
JOSEPH H LEE DDS EPA ID:: CAL000180518	1515 W OLYMPIC BLVD	ESE 1/8 - 1/4 (0.164 mi.)	E40	80
INKEN CORPORATION EPA ID:: CAC002991203	1064 VALENCIA STREET	SE 1/8 - 1/4 (0.206 mi.)	K48	95

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 09/23/2019 has revealed that there are 2 CA Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL #18-HYQ Cleanup Status: OPEN - REMEDIATION	***958 ALVARADO ST S***	***NW 1/8 - 1/4 (0.231 mi.)***	***N58***	***121***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-3929 Cleanup Status: OPEN - REMEDIATION	***1600 OLYMPIC BLVD W***	***ESE 0 - 1/8 (0.063 mi.)***	***D12***	***36***

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that

there are 10 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY NATIONAL BANK Reg Id: 900060043	***1801 W OLYMPIC BLVD***	***NNW 0 - 1/8 (0.060 mi.)***	***A8***	***25***
MOBIL #18-HYQ Reg Id: 900060052	958 ALVARADO	NW 1/8 - 1/4 (0.231 mi.)	N56	109
FREMONT INDEMNITY BU Reg Id: 900570089	***1709 008TH ST W***	***NNE 1/4 - 1/2 (0.257 mi.)***	***P70***	***142***
SHELL #204-4532-0102 Reg Id: 900170116	***1551 007TH ST W***	***NE 1/4 - 1/2 (0.408 mi.)***	***R81***	***183***
SHELL #204-4532-0102 Reg Id: 900170189	1550 007TH	NE 1/4 - 1/2 (0.411 mi.)	82	197
API ALARM SYSTEMS Reg Id: 900060034	2323 OLYMPIC	WNW 1/4 - 1/2 (0.421 mi.)	S84	206
BELMONT NEW ELEMENTA Reg Id: 19750071	***680 LITTLE***	***NE 1/4 - 1/2 (0.423 mi.)***	***85***	***206***
UNOCAL #2325 Reg Id: 900170043	***1546 WILSHIRE BLVD***	***NE 1/4 - 1/2 (0.488 mi.)***	***U92***	***228***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #9-3929 Reg Id: 900150043	***1600 OLYMPIC BLVD W***	***ESE 0 - 1/8 (0.063 mi.)***	***D12***	***36***
CHEVRON #9-0054 Reg Id: 900150061	***1312 011TH ST W***	***SE 1/4 - 1/2 (0.352 mi.)***	***Q76***	***166***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 8 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMMAL JACK	1818 W OLYMPIC BLVD	NW 0 - 1/8 (0.058 mi.)	A5	17
PIERCE ARROW SALES	1836 W OLYMPIC BLVD	NW 0 - 1/8 (0.062 mi.)	A10	34
DAMON K G	1837 W OLYMPIC BLVD	NW 0 - 1/8 (0.063 mi.)	A18	60

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATIONS	1600 W OLYMPIC BLVD	ESE 0 - 1/8 (0.063 mi.)	D13	45

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
BEATTY J P	1601 W 11TH ST	SSE 0 - 1/8 (0.080 mi.)	C21	62
TENENBAUM SIDNEY	1560 W OLYMPIC	ESE 0 - 1/8 (0.103 mi.)	D25	63
WHETAN J J	1554 W 11TH ST	SSE 0 - 1/8 (0.113 mi.)	27	64
TERON PETROLEUM CORP	1543 W OLYMPIC BLVD	E 0 - 1/8 (0.122 mi.)	E30	65

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

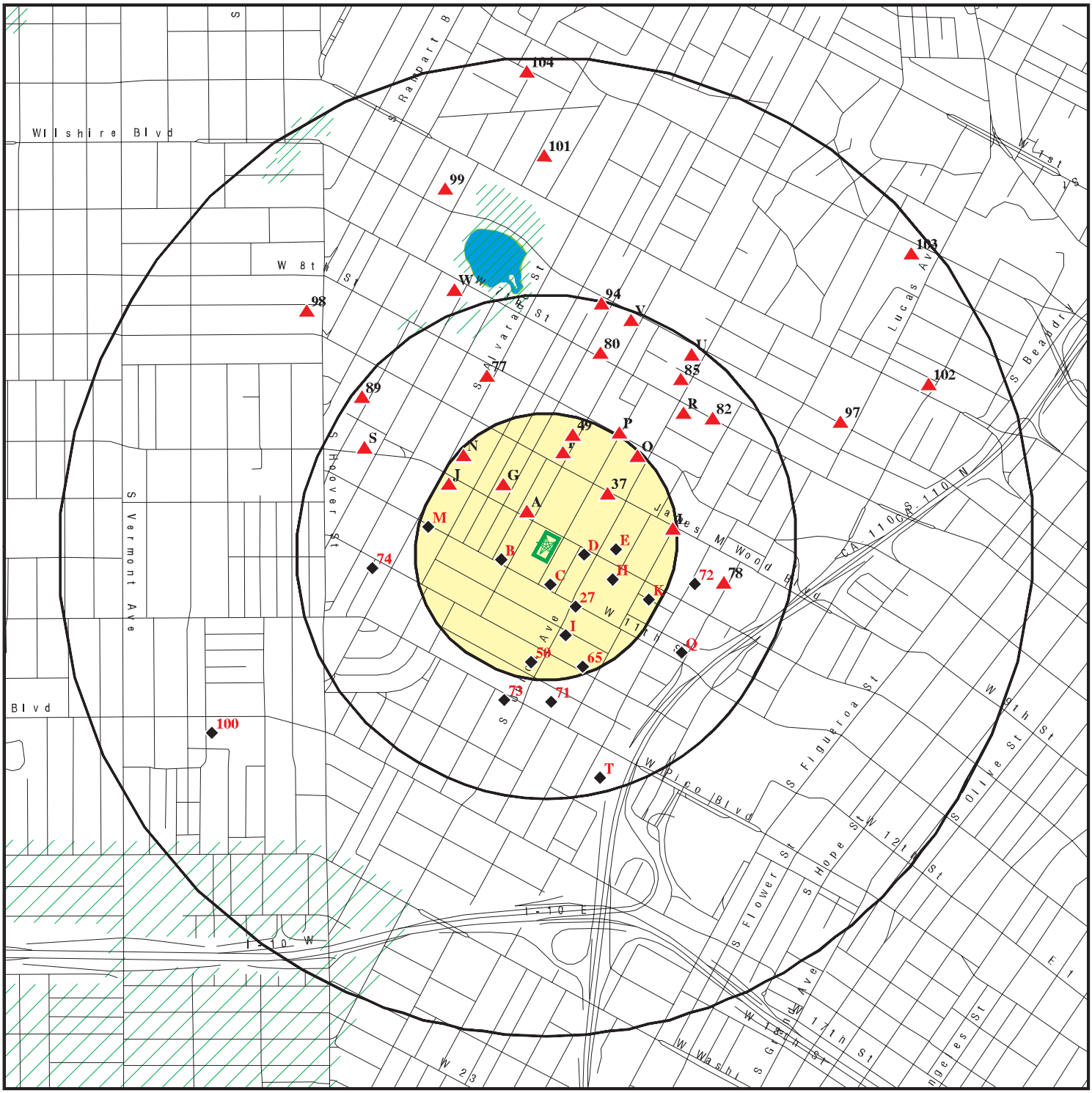
A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 5 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRYER E F	1677 W 11TH ST	SW 0 - 1/8 (0.047 mi.)	B2	9
BROWN GEO	1803 W 11TH ST	WSW 0 - 1/8 (0.069 mi.)	B20	62
GROSS HENRY	1804 W 11TH ST	WSW 0 - 1/8 (0.081 mi.)	B23	63
HARNED W R	1810 W 11TH ST	WSW 0 - 1/8 (0.093 mi.)	B24	63
MK DRY CLEANING INC	1542 W OLYMPIC BLVD	ESE 0 - 1/8 (0.116 mi.)	D28	64

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5877588.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1700 W Olympic Boulevard	CLIENT:	PlaceWorks
ADDRESS:	1700 W Olympic Boulevard Los Angeles CA 90015	CONTACT:	Denise Clendening
		INQUIRY #:	5877588.2s
LAT/LONG:	34.049424 / 118.276039	DATE:	November 20, 2019 2:04 pm

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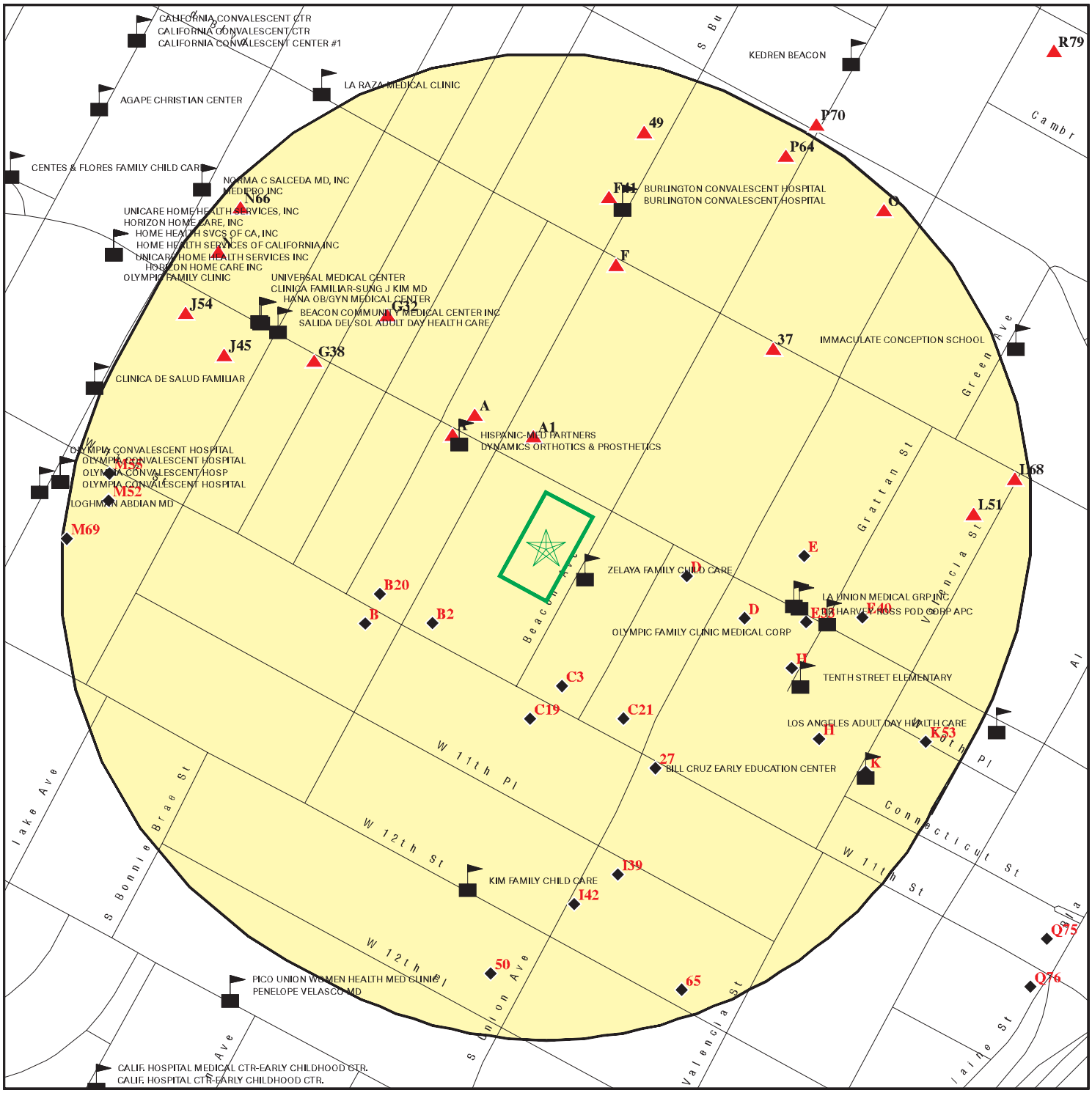
DETAIL MAP - 5877588.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1700 W Olympic Boulevard	CLIENT: PlaceWorks
ADDRESS: 1700 W Olympic Boulevard Los Angeles CA 90015	CONTACT: Denise Clendening INQUIRY #: 5877588.2s
LAT/LONG: 34.049424 / 118.276039	DATE: November 20, 2019 2:09 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		2	3	NR	NR	NR	5
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
CA RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
CA ENVIROSTOR	1.000		0	0	7	10	NR	17
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
CA LUST	0.500		2	1	14	NR	NR	17

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		5	14	NR	NR	NR	19
CA AST	0.250		2	0	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
CA AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	0.001		0	NR	NR	NR	NR	0
CA CERS HAZ WASTE	0.250		1	2	NR	NR	NR	3
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		2	3	NR	NR	NR	5
CA HIST UST	0.250		1	1	NR	NR	NR	2
CA FID UST	0.250		1	2	NR	NR	NR	3
CA CERS TANKS	0.250		2	1	NR	NR	NR	3
Local Land Records								
CA LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CA CHMIRS	0.001		0	NR	NR	NR	NR	0
CA LDS	0.001		0	NR	NR	NR	NR	0
CA MCS	0.001		0	NR	NR	NR	NR	0
CA SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	4	NR	NR	NR	6
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		1	1	0	NR	NR	2
CA CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	0.001		0	NR	NR	NR	NR	0
CA ENF	0.001		0	NR	NR	NR	NR	0
CA Financial Assurance	0.001		0	NR	NR	NR	NR	0
CA HAZNET	0.001		0	NR	NR	NR	NR	0
CA ICE	0.001		0	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		2	1	7	NR	NR	10
CA LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
CA HWP	1.000		0	0	0	0	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		0	0	NR	NR	NR	0
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	0.001		0	NR	NR	NR	NR	0
CA PEST LIC	0.001		0	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
CA UIC	0.001		0	NR	NR	NR	NR	0
CA UIC GEO	0.001		0	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	0.001		0	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
CA PROJECT	0.001		0	NR	NR	NR	NR	0
CA WDR	0.001		0	NR	NR	NR	NR	0
CA CIWQS	0.001		0	NR	NR	NR	NR	0
CA CERS	0.001		0	NR	NR	NR	NR	0
CA NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CA OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
CA PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
CA SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
CA WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
CA LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		8	NR	NR	NR	NR	8
EDR Hist Cleaner	0.125		5	NR	NR	NR	NR	5
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	0.001		0	NR	NR	NR	NR	0
CA RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	36	35	30	10	0	111

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
North
< 1/8
0.033 mi.
172 ft.

1735 W OLYMPIC BLVD
LOS ANGELES, CA

Site 1 of 9 in cluster A

CA UST **U004300541**
N/A

Relative:
Higher

Actual:
261 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1735 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

B2
SW
< 1/8
0.047 mi.
247 ft.

FRYER E F
1677 W 11TH ST
LOS ANGELES, CA

Site 1 of 5 in cluster B

EDR Hist Cleaner **1009191750**
N/A

Relative:
Lower

Actual:
248 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1929	ZIPKIN DAVID	LAUNDRIES HAND
1933	FRYER E F	CLOTHES PRESSERS AND CLEANERS
1937	FRYER E F	LAUNDRIES HAND

C3
South
< 1/8
0.049 mi.
259 ft.

EUREKA LITHOGRAPH INC
1633 W 11TH ST
LOS ANGELES, CA 90015

Site 1 of 3 in cluster C

RCRA-SQG **1000203263**
FINDS **CAD981981723**
ECHO
CA EMI
CA HAZNET
CA CERS

Relative:
Lower

Actual:
240 ft.

RCRA-SQG:

Date form received by agency:	1987-04-06 00:00:00.0
Facility name:	EUREKA LITHOGRAPH INC
Facility address:	1633 W 11TH ST LOS ANGELES, CA 90015
EPA ID:	CAD981981723
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1633 W 11TH ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-385-3281
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	GONNELLA DONALD PRESIDENT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999

EUREKA LITHOGRAPH INC (Continued) **1000203263**

Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002763803

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

EUREKA LITHOGRAPH INC (Continued) **1000203263**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000203263
Registry ID:	110002763803
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002763803

EMI:

Name:	EUREKA LITHOGRAPH
Address:	1633 WEST 11TH STREET
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	59258
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EUREKA LITHOGRAPH
Address:	1633 WEST 11TH STREET
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	59258
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EUREKA LITHOGRAPH
Address:	1633 WEST 11TH STREET

EUREKA LITHOGRAPH INC (Continued) **1000203263**

City,State,Zip:	LOS ANGELES, CA 900150000
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	59258
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EUREKA LITHOGRAPH
Address:	1633 WEST 11TH STREET
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	59258
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	EUREKA LITHOGRAPH
Address:	1633 WEST 11TH STREET
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	59258
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

EUREKA LITHOGRAPH INC (Continued) **1000203263**

HAZNET:

Name:	EUREKA LITHOGRAPH INC
Address:	1633 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2004
GEPAID:	CAD981981723
Contact:	RONALD R GONNELLA
Telephone:	2133853281
Mailing Name:	Not reported
Mailing Address:	730 SALEM ST
Mailing City,St,Zip:	GLENDALE, CA 912030000
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.43
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	EUREKA LITHOGRAPH INC
Address:	1633 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2003
GEPAID:	CAD981981723
Contact:	RONALD R GONNELLA
Telephone:	2133853281
Mailing Name:	Not reported
Mailing Address:	730 SALEM ST
Mailing City,St,Zip:	GLENDALE, CA 912030000
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.5315
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	EUREKA LITHOGRAPH INC
Address:	1633 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2002
GEPAID:	CAD981981723
Contact:	RONALD R GONNELLA
Telephone:	2133853281
Mailing Name:	Not reported
Mailing Address:	730 SALEM ST
Mailing City,St,Zip:	GLENDALE, CA 912030000
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.165
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	EUREKA LITHOGRAPH INC
Address:	1633 W 11TH ST

EUREKA LITHOGRAPH INC (Continued) **1000203263**

City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2001
GEPAID:	CAD981981723
Contact:	RONALD R GONNELLA
Telephone:	2133853281
Mailing Name:	Not reported
Mailing Address:	730 SALEM ST
Mailing City,St,Zip:	GLENDALE, CA 912030000
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	0.9294
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	EUREKA LITHOGRAPH INC
Address:	1633 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	1993
GEPAID:	CAD981981723
Contact:	RONALD R GONNELLA
Telephone:	2133853281
Mailing Name:	Not reported
Mailing Address:	730 SALEM ST
Mailing City,St,Zip:	GLENDALE, CA 912030000
Gen County:	Los Angeles
TSD EPA ID:	OKD089761290
TSD County:	99
Tons:	0.165
CA Waste Code:	331-Off-specification, aged or surplus organics
Method:	-
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

CERS:

Name:	EUREKA LITHOGRAPH
Address:	1633 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 90015
Site ID:	466895
CERS ID:	110002763803
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	ENVIR MGMT
Entity Title:	Not reported
Affiliation Address:	1633 W 11TH ST
Affiliation City:	LOSANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A4 NW < 1/8 0.056 mi. 296 ft. | **7-ELEVEN #21030**
1800 W OLYMPIC BLVD
LOS ANGELES, CA 90006

Site 2 of 9 in cluster A

CA HAZMAT **S123498357**
CA CERS **N/A**

Relative: Higher

Actual: 258 ft.

LOS ANGELES HM:

Name:	7-ELEVEN #21030
Address:	1800 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0039765
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	7-ELEVEN INC. STORE #21030
Address:	1800 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	1003
CERS ID:	10462567
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	1003
Facility Name:	7-ELEVEN INC. STORE #21030
Env Int Type Code:	HMBP
Program ID:	10462567
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.050110
Longitude:	-118.277010

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	BRENT SMERCZYNSKI: CORPORATE ASSET PROTECTION MANAGER
Entity Title:	Not reported
Affiliation Address:	LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75063
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX

7-ELEVEN #21030 (Continued) **S123498357**

Affiliation Country:	Not reported
Affiliation Zip:	75063
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City:	IRVING
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75063
Affiliation Phone:	(972) 828-7578
Affiliation Type Desc:	Operator
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 386-0165
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Identification Signer
Entity Name:	BRENT SMERCZYNSKI
Entity Title:	CORPORATE ASSET PROTECTION MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	7-ELEVEN CONVENIENCE STORES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	7-ELEVEN INC.
Entity Title:	Not reported

7-ELEVEN #21030 (Continued) **S123498357**

Affiliation Address: LICENSE RENEWAL DEPT.:3200 HACKBERRY ROAD
Affiliation City: IRVING
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75063
Affiliation Phone: (972) 828-7578

A5 **JAMMAL JACK** **EDR Hist Auto** **1020738656**
NW **1818 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90006**
0.058 mi.
308 ft. **Site 3 of 9 in cluster A**

Relative: EDR Hist Auto
Higher
Actual:
258 ft.

Year:	Name:	Type:
1972	JAMMAL JACK	Gasoline Service Stations
1973	JAMMAL JACK	Gasoline Service Stations
1974	JAMMAL JACK	Gasoline Service Stations
1975	JAMMAL JACK	Gasoline Service Stations
1976	JAMMAL JACK	Gasoline Service Stations

A6 **CA UST** **U004300651**
NW **1818 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.058 mi.
308 ft. **Site 4 of 9 in cluster A**

Relative: LOS ANGELES UST:
Higher
Actual:
258 ft.

Name: Not reported
Address: 1818 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

A7 **CITY NATIONAL BANK** **CA AST** **S113801893**
NNW **1801 W OLYMPIC BLVD** **CA CERS TANKS** **N/A**
< 1/8 **LOS ANGELES, CA 90006** **CA HAZMAT**
0.060 mi. **CA CERS**
316 ft. **Site 5 of 9 in cluster A**

Relative: LOS ANGELES AST:
Higher
Actual:
261 ft.

Facility ID: FA0018662
Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Last Run Date: 06/01/2019
Status: ACTIVE

CERS TANKS:
Name: JONES LANG LASALLE
Address: 1801 W OLYMPIC BLVD

CITY NATIONAL BANK (Continued) **S113801893**

City,State,Zip: LOS ANGELES, CA 90006
Site ID: 395577
CERS ID: 10246912
CERS Description: Underground Storage Tank

Name: JONES LANG LASALLE
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 395577
CERS ID: 10246912
CERS Description: Aboveground Petroleum Storage

LOS ANGELES HM:
Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0018662
Last Run Date: 06/01/2019
Status: ACTIVE

CERS:
Name: JONES LANG LASALLE
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 395577
CERS ID: 10246912
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 395577
Site Name: JONES LANG LASALLE
Violation Date: 09-24-2015
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes: Returned to compliance on 07/05/2016.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 395577
Site Name: JONES LANG LASALLE
Violation Date: 09-24-2015
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286
Violation Description: Failure to obtain and maintain a valid Board of Equalization account number.
Violation Notes: Returned to compliance on 04/30/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 395577
Site Name: JONES LANG LASALLE
Violation Date: 09-24-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code,

CITY NATIONAL BANK (Continued) **S113801893**

	Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 09/13/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395577
Site Name:	JONES LANG LASALLE
Violation Date:	09-24-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes:	Returned to compliance on 07/05/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395577
Site Name:	JONES LANG LASALLE
Violation Date:	08-29-2018
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 09/24/2018. Observation: CFO letter and certificate of financial responsibility must be updated. UST state fund must show correct coverage amounts. Corrective action: Update and correct certificate of financial responsibility and CFO letter and submit in CERS.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395577
Site Name:	JONES LANG LASALLE
Violation Date:	09-24-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 07/05/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	395577
Site Name:	JONES LANG LASALLE
Violation Date:	09-24-2015
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes:	Returned to compliance on 07/05/2016.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST

CITY NATIONAL BANK (Continued) **S113801893**

Violation Source: CERS

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 02-14-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: REVIEWED RECEIVED OVERFILL PREVENTION EQUIPMENT INSPECTION REPORT FOR TESTING CONDUCTED ON 12/191/9 BY John Doast CONFIRMED RESULTS WERE SCANNED/ DOWNLOADED AND ATTACHED IN ENVISION. DW or SW vent lines: DW Type of overfill listed in CERS: A/V Type of overfill tested: A/V report results read Pass All information to be verified at next facility inspection.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-24-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HAZMAT ONLY
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection Report Consent to enter, inspect and take photographs was given by: Thomas Shields, BE Documents uploaded to CERS were reviewed and field verified. The following is a list items that need to be corrected: 1. APSA marked in CERS, must add to APSA programs TIER 1800 and 650 and 25 and 10 gallon APSA on containers. SPCC reviewed on site. 2. Number of regulated chemicals is greater than 1-3. Program upgraded to 8-15 chemicals. NOTE: The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires business that store, uses or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. To receive a Consolidated Permit you must satisfy the following requirement: **** Annual submission of a hazardous materials business plan to CERS by March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-30-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: NOV follow up all violations cleared.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

CITY NATIONAL BANK (Continued) **S113801893**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Sync dates with UST inspection. HMBP done 4/2018. Reviewed/rewalked today during ust inspection. No changes since previous inspection.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Craig LAFD, on site this date to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by Jason Fanderlik Monitoring system certification was conducted at this time. Monitoring certification was performed by Access FARBOUD ?JOHN? MADOUST OF ACCES INC. ICC: 5296607 SERVICE TECH = EXP: 03/08/2020 DO = EXP 12/14/2019 Veeder-Root: B36639 EXP: 05-14-19 VMI: #1926 EXP: 03-21-19 OTHER: N/A The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Property Owner: CITY NATIONAL BANK/LAURA [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Lawrence Kim with the LAFD, onsite 1801 W OLYMPIC BLVD to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by BLDG ENGINEER SB989 was conducted at this time. SB989 was performed by JOHN DOUST WITH ACCESS INC Tester provided the following certifications: JOHN DOUST ICC: 5296607 EXP: 12/21/17 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Ensure submittal of monitor certification test results within 30 days using one of the following options in preferred order: 1. Upload results in [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown

CITY NATIONAL BANK (Continued) **S113801893**

Eval Date: 08-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Lawrence Kim with the LAFD, onsite 1801 W OLYMPIC BLVD ? CITY NATIONAL BANK to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by VINCENT, ENGINEER Monitoring system certification was conducted at this time. Monitoring certification was performed by JOHN DOUST WITH ACCESS INC Tester provided the following certifications: JOHN DOUST ICC: 5296607 EXP: 12/21/17 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Ensure submittal of monitor certification test results within 30 days one [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOHN FARBOAD DOUST WITH ACCESS ICC: 5296607 EXP: 11-4-15
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

CITY NATIONAL BANK (Continued) **S113801893**

Eval General Type:	Other/Unknown
Eval Date:	09-24-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and attached Monitor certification and reviewed CERS and Cleared violation for certificate of financial responsibility.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	11-06-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection done on 8/31/17 by Inspector Kim. SB989 results and monitor certification results reviewed and attached by Inspector Craig. All components passed during both SB989 and Monitor Cert.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	395577
Facility Name:	JONES LANG LASALLE
Env Int Type Code:	APSA
Program ID:	10246912
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.050910
Longitude:	-118.276490

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	JASON FANDERLIK
Entity Title:	Not reported
Affiliation Address:	1801 W. OLYMPIC BLVD.
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90006
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	City National Bank
Entity Title:	Not reported
Affiliation Address:	555 SOUTH FLOWER STREET # 4600
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90071
Affiliation Phone:	(213) 673-8585

Affiliation Type Desc:	Identification Signer
Entity Name:	LAURA CLOHERTY
Entity Title:	SVP
Affiliation Address:	Not reported

CITY NATIONAL BANK (Continued) **S113801893**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	CITY NATIONAL BANK
Entity Title:	Not reported
Affiliation Address:	555 S. FLOWER ST. #4600
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90071
Affiliation Phone:	(213) 673-8325

Affiliation Type Desc:	UST Tank Operator
Entity Name:	LAURA CLOHERTY
Entity Title:	Not reported
Affiliation Address:	555 S. FLOWER ST.
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90071
Affiliation Phone:	(213) 673-9954

Affiliation Type Desc:	UST Tank Owner
Entity Name:	City National Bank
Entity Title:	Not reported
Affiliation Address:	555 S. FLOWER ST #4600
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90071
Affiliation Phone:	(213) 673-8325

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	555 SOUTH FLOWER STREET # 1100
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90071
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Document Preparer

CITY NATIONAL BANK (Continued) **S113801893**

Entity Name:	GORGEN SARIAN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	City National Bank
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 427-5454

Affiliation Type Desc:	Parent Corporation
Entity Name:	Jones Lang LaSalle
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	LAURA CLOHERTY
Entity Title:	SVP
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 673-9954

A8
NNW
< 1/8
0.060 mi.
316 ft.

Relative:
Higher

Actual:
261 ft.

CITY NATIONAL BANK
1801 W OLYMPIC BLVD
LOS ANGELES, CA 90006

Site 6 of 9 in cluster A

RCRA-SQG **1000440278**
CA LUST **CAD982040495**
CA UST
CA SWEEPS UST
FINDS
ECHO
CA HAZNET
CA HIST CORTESE
CA CERS

RCRA-SQG:

Date form received by agency:	2004-07-12 00:00:00.0
Facility name:	CITY NATIONAL BANK
Facility address:	1801 W OLYMPIC BLVD LOS ANGELES, CA 90006
EPA ID:	CAD982040495
Contact:	PATRICK O CONNOR
Contact address:	1801 W OLYMPIC BLVD

CITY NATIONAL BANK (Continued) **1000440278**

	LOS ANGELES, CA 90006
Contact country:	US
Contact telephone:	213-427-5418
Contact email:	PATRICK.OCONNOR@CAB.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CITY NATIONAL CORP
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	DENLEY INVESTMENTS
Owner/operator address:	849 S BROADWAY ST
	LOS ANGELES, CA 90014
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2000-01-01 00:00:00.0
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	CITY NATIONAL BANK
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported

CITY NATIONAL BANK (Continued) **1000440278**

Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	1970-01-01 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	1996-09-01 00:00:00.0
Site name:	CITY NATIONAL BANK
Classification:	Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

CITY NATIONAL BANK (Continued) **1000440278**

Violation Status: No violations found

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	900060043
Status:	Case Closed
Substance:	Diesel
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603700473
W Global ID:	W0607701254
Staff:	UNK
Local Agency:	19050
Cross Street:	BURLINGTON AVE
Enforcement Type:	Not reported
Date Leak Discovered:	6/29/1993
Date Leak First Reported:	10/10/1993
Date Leak Record Entered:	11/24/1993
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	6/16/1994
Date the Case was Closed:	7/30/1996
How Leak Discovered:	Tank Closure
How Leak Stopped:	Not reported
Cause of Leak:	Not reported
Leak Source:	Not reported
Operator:	FRANK DENOTO
Water System:	UNOCAL - JIM SCOTT
Well Name:	Not reported
Approx. Dist To Production Well (ft):	4178.4166519123035153316691126
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	9/10/1993
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CITY OF NATIONAL BAK
RP Address:	1801 W OLYMPIC BLVD, LOS ANGELES CA 90006
Program:	LUST
Lat/Long:	34.0502368 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported

CITY NATIONAL BANK (Continued) **1000440278**

Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: Not reported

LUST:
Name: CITY NATIONAL BANK
Address: 1801 OLYMPIC BLVD W
City,State,Zip: LOS ANGELES, CA 90006
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700473
Global Id: T0603700473
Latitude: 34.0503874
Longitude: -118.2768377
Status: Completed - Case Closed
Status Date: 07/30/1996
Case Worker: YR
RB Case Number: 900060043
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0603700473
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

Global Id: T0603700473
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700473
Action Type: Other
Date: 10/10/1993
Action: Leak Reported

Global Id: T0603700473
Action Type: Other
Date: 06/29/1993
Action: Leak Discovery

LUST:

CITY NATIONAL BANK (Continued) **1000440278**

Global Id: T0603700473
Status: Open - Case Begin Date
Status Date: 06/29/1993

Global Id: T0603700473
Status: Open - Site Assessment
Status Date: 09/10/1993

Global Id: T0603700473
Status: Completed - Case Closed
Status Date: 07/30/1996

UST:
Name: JONES LANG LASALLE
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0018662
Permitting Agency: Los Angeles City Fire Department
Latitude: 34.05091
Longitude: -118.27649

Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: 23570
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.052259
Longitude: -118.275141

LOS ANGELES UST:
Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0018662
Last Run Date: 06/01/2019
Status: ACTIVE

SWEEPS UST:
Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City: LOS ANGELES
Status: Active
Comp Number: 8198
Number: 1
Board Of Equalization: Not reported
Referral Date: 07-26-93
Action Date: 07-26-93
Created Date: 07-26-93
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported

CITY NATIONAL BANK (Continued) **1000440278**

Content: Not reported
Number Of Tanks: Not reported

FINDS:

Registry ID: 110002785451

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000440278
Registry ID: 110002785451
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002785451

HAZNET:
Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 900060000
Year: 2009
GEPAID: CAD982040495
Contact: STEVE RAMIREZ
Telephone: 2132161690
Mailing Name: Not reported
Mailing Address: 1801 W OLYMPIC BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900060000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Tons: 0.8
CA Waste Code: 151-Asbestos containing waste
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

Name: CITY NATIONAL BANK
Address: 1801 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 900060000
Year: 2005
GEPAID: CAD982040495
Contact: STEVE RAMIREZ
Telephone: 2132161690
Mailing Name: Not reported
Mailing Address: 1801 W OLYMPIC BLVD
Mailing City,St,Zip: LOS ANGELES, CA 900060000
Gen County: Los Angeles
TSD EPA ID: CAD028409019

CITY NATIONAL BANK (Continued) **1000440278**

TSD County:	Los Angeles
Tons:	0.5
CA Waste Code:	151-Asbestos containing waste
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	CITY NATIONAL BANK
Address:	1801 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2005
GEPAID:	CAD982040495
Contact:	STEVE RAMIREZ
Telephone:	2132161690
Mailing Name:	Not reported
Mailing Address:	1801 W OLYMPIC BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900060000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Tons:	1.51704
CA Waste Code:	151-Asbestos containing waste
Method:	D80-Disposal, Land Fill
Facility County:	Los Angeles

Name:	CITY NATIONAL BANK
Address:	1801 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2005
GEPAID:	CAD982040495
Contact:	STEVE RAMIREZ
Telephone:	2132161690
Mailing Name:	Not reported
Mailing Address:	1801 W OLYMPIC BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900060000
Gen County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County:	Los Angeles
Tons:	0.33712
CA Waste Code:	151-Asbestos containing waste
Method:	-
Facility County:	Los Angeles

Name:	CITY NATIONAL BANK
Address:	1801 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2004
GEPAID:	CAD982040495
Contact:	STEVE RAMIREZ
Telephone:	2132161690
Mailing Name:	Not reported
Mailing Address:	1801 W OLYMPIC BLVD
Mailing City,St,Zip:	LOS ANGELES, CA 900060000
Gen County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County:	Los Angeles
Tons:	0.8428
CA Waste Code:	331-Off-specification, aged or surplus organics

CITY NATIONAL BANK (Continued) **1000440278**

Method: H01-Transfer Station
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

HIST CORTESE:
edr_fname: CITY NATIONAL BANK
edr_fadd1: 1801 OLYMPIC
City,State,Zip: LOS ANGELES, CA 90006
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900060043

CERS:
Name: CITY NATIONAL BANK
Address: 1801 OLYMPIC BLVD W
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 105851
CERS ID: T0603700473
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TBD - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 N. MAIN ST. RM. 970
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2134826528

A9 **JONES LANG LASALLE** **CA AST** **A100421302**
NNW **1801 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90006**
0.060 mi.
316 ft. **Site 7 of 9 in cluster A**

Relative:
Higher
Actual:
261 ft.

AST:
Name: JONES LANG LASALLE
Address: 1801 W OLYMPIC BLVD
City/Zip: LOS ANGELES,90006
Certified Unified Program Agencies: Not reported
Owner: CITY NATIONAL BANK

JONES LANG LASALLE (Continued) **A100421302**

Total Gallons:	Not reported
CERSID:	10246912
Facility ID:	FA0018662
Business Name:	JONES LANG LASALLE
Phone:	213-427-5454
Fax:	Not reported
Mailing Address:	555 SOUTH FLOWER STREET # 1100
Mailing Address City:	LOS ANGELES
Mailing Address State:	CA
Mailing Address Zip Code:	90071
Operator Name:	CITY NATIONAL BANK
Operator Phone:	213-427-5454
Owner Phone:	213-673-8585
Owner Mail Address:	555 SOUTH FLOWER STREET # 1100
Owner State:	CA
Owner Zip Code:	90071
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

A10
NW
< 1/8
0.062 mi.
328 ft.

PIERCE ARROW SALES SERVICE **EDR Hist Auto** **1009081189**
1836 W OLYMPIC BLVD **N/A**
LOS ANGELES, CA

Site 8 of 9 in cluster A

Relative:
Higher

Actual:
259 ft.

EDR Hist Auto

Year:	Name:	Type:
1937	PIERCE ARROW SALES SERVICE	AUTOMOBILE REPAIRING

D11
ESE
< 1/8
0.063 mi.
333 ft.

CHEVRON 93929 **RCRA NonGen / NLR** **1024788967**
1600 W OLYMPIC BLVD **CAL000056704**
LOS ANGELES, CA 90015

Site 1 of 10 in cluster D

Relative:
Lower

Actual:
249 ft.

RCRA NonGen / NLR:

Date form received by agency:	1994-06-29 00:00:00.0
Facility name:	CHEVRON 93929
Facility address:	1600 W OLYMPIC BLVD LOS ANGELES, CA 90015-3802
EPA ID:	CAL000056704
Mailing address:	PO BOX 6004 SAN RAMON, CA 94583-0000
Contact:	KWAME AWUKU
Contact address:	6001 BOLLINGER CANYON RD. SAN RAMON, CA 94583
Contact country:	Not reported
Contact telephone:	877-386-6044

CHEVRON 93929 (Continued) **1024788967**

Contact email: NAWTDESK@CHEVRON.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CHEVRON BOTTOMLEY
Owner/operator address: PO BOX 6004
SAN RAMON, CA 94583
Owner/operator country: Not reported
Owner/operator telephone: 877-386-6044
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: KWAME AWUKU
Owner/operator address: 6001 BOLLINGER CANYON RD.
SAN RAMON, CA 94583
Owner/operator country: Not reported
Owner/operator telephone: 877-386-6044
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

D12 ESE < 1/8 0.063 mi. 333 ft. | **CHEVRON #9-3929**
1600 OLYMPIC BLVD W
LOS ANGELES, CA 90015
Site 2 of 10 in cluster D | **CA LUST**
CA Cortese
CA HIST CORTESE
CA CERS | **S102427239**
N/A

Relative: Lower

Actual: 249 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900150043	
Status:	Remediation Plan	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		VEFP
Global ID:	T0603700547	
W Global ID:	W0607701254	
Staff:	AT	
Local Agency:	19050	
Cross Street:	UNION AVE	
Enforcement Type:	DLSEL	
Date Leak Discovered:	4/15/1988	
Date Leak First Reported:		4/19/1988
Date Leak Record Entered:	9/11/1988	
Date Confirmation Began:	4/15/1988	
Date Leak Stopped:	4/15/1988	
Date Case Last Changed on Database:		8/26/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Tank	
Operator:	GARISON, LARS	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3638.5078612481682622042862277
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		9/16/1988
Pollution Characterization Began:		7/28/2000
Remediation Plan Submitted:		8/28/2002
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		7/28/2000
Historical Max MTBE Date:		8/16/2000
Hist Max MTBE Conc in Groundwater:		7200
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	Y. M. TUAN	
RP Address:	PO BOX 2833	
Program:	LUST	
Lat/Long:	34.0489979 / -1	
Local Agency Staff:	PEJ	

CHEVRON #9-3929 (Continued) **S102427239**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: TANK WILL BE REPAIRED AND PUT BACK INTO SERVICE 2/10/97 -RB. CON'T. TO MONITOR. REJECT SOIL VERIFICATION PLAN. SVE STOPPED 0197; 3/21/00 FREE PRODUCTS RECOVERY; 2/28/01 1ST QTR GW MON RPT

LUST:
Name: CHEVRON #9-3929
Address: 1600 OLYMPIC BLVD W
City,State,Zip: LOS ANGELES, CA 90015
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700547
Global Id: T0603700547
Latitude: 34.0491556880228
Longitude: -118.274593687172
Status: Open - Remediation
Status Date: 11/22/2011
Case Worker: ALT
RB Case Number: 900150043
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700547
Contact Type: Regional Board Caseworker
Contact Name: ADAM TAING
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street
City: LOS ANGELES
Email: adam.taing@waterboards.ca.gov
Phone Number: 2135766752

Global Id: T0603700547
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE

CHEVRON #9-3929 (Continued) **S102427239**

Date: 08/26/2002
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 09/22/2015
Action: Interim Remedial Action Plan

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: Other
Date: 04/15/1988
Action: Leak Stopped

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

CHEVRON #9-3929 (Continued) **S102427239**

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2011
Action: Site Assessment Report

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2012
Action: Remedial Progress Report

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 09/21/2015
Action: Well Installation Workplan - Regulator Responded

Global Id: T0603700547
Action Type: REMEDIATION
Date: 11/26/2008
Action: Free Product Removal

Global Id: T0603700547
Action Type: ENFORCEMENT
Date: 11/22/2011
Action: Staff Letter

Global Id: T0603700547
Action Type: Other
Date: 04/19/1988
Action: Leak Reported

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE

CHEVRON #9-3929 (Continued) **S102427239**

Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: ENFORCEMENT
Date: 07/01/2002
Action: Staff Letter

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 06/15/2006
Action: Interim Remedial Action Report

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Semi-Annually

CHEVRON #9-3929 (Continued) **S102427239**

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/31/2008
Action: Interim Remedial Action Report

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE

CHEVRON #9-3929 (Continued) **S102427239**

Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: ENFORCEMENT
Date: 04/28/2000
Action: Staff Letter

Global Id: T0603700547
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700547
Action Type: ENFORCEMENT
Date: 02/21/2019
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2010
Action: Pilot Study / Treatability Workplan

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: Other
Date: 04/15/1988
Action: Leak Discovery

CHEVRON #9-3929 (Continued) **S102427239**

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 04/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603700547
Action Type: RESPONSE
Date: 07/15/2015
Action: Remedial Progress Report

LUST:
Global Id: T0603700547
Status: Open - Case Begin Date
Status Date: 04/15/1988

Global Id: T0603700547
Status: Open - Site Assessment
Status Date: 04/15/1988

Global Id: T0603700547
Status: Open - Site Assessment
Status Date: 09/16/1988

Global Id: T0603700547
Status: Open - Site Assessment
Status Date: 07/28/2000

Global Id: T0603700547
Status: Open - Remediation
Status Date: 11/22/2011

CHEVRON #9-3929 (Continued) **S102427239**

CORTESE:

Name:	CHEVRON #9-3929
Address:	1600 OLYMPIC BLVD W
City,State,Zip:	LOS ANGELES, CA 90015
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603700547
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - REMEDIATION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	CHEVRON #9-3929
edr_fadd1:	1600 OLYMPIC
City,State,Zip:	LOS ANGELES, CA 90015
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150043

CERS:

Name:	CHEVRON #9-3929
Address:	1600 OLYMPIC BLVD W
City,State,Zip:	LOS ANGELES, CA 90015
Site ID:	202711
CERS ID:	T0603700547
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ADAM TAING - LOS ANGELES RWQCB (REGION 4)

CHEVRON #9-3929 (Continued) **S102427239**

Entity Title:	Not reported
Affiliation Address:	320 West 4th Street
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766752

D13 **CHEVRON STATIONS** **EDR Hist Auto** **1008994442**
ESE **1600 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90000**
0.063 mi.
333 ft. **Site 3 of 10 in cluster D**

Relative:
Lower

Actual:
249 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	RAYS CHEVRON	Gasoline Service Stations
1970	RAYS CHEVRON	Gasoline Service Stations
1971	RAYS CHEVRON	Gasoline Service Stations
1972	RAYS CHEVRON	Gasoline Service Stations
1973	RAYS CHEVRON	Gasoline Service Stations
1974	RAYS CHEVRON	Gasoline Service Stations
1976	RAYS CHEVRON	Gasoline Service Stations
1977	RAYS CHEVRON	Gasoline Service Stations
1989	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1990	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1991	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1992	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1993	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1994	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1995	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1996	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1997	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1998	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
1999	CHEVRON STATIONS	Not reported
1999	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
2000	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
2009	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
2010	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
2011	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
2012	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC
2013	CARLSON LARS CHEVRON	Gasoline Service Stations, NEC

D14 **CHEVRON STATION 93929** **CA CERS HAZ WASTE** **S101582913**
ESE **1600 W OLYMPIC BLVD** **CA SWEEPS UST** **N/A**
< 1/8 **LOS ANGELES, CA 90015** **CA FID UST**
0.063 mi. **CA CERS TANKS**
333 ft. **Site 4 of 10 in cluster D** **CA HAZNET**
CA HAZMAT
Relative: **CA CERS**
Lower

Actual:
249 ft.

CERS HAZ WASTE:

Name:	UNITED #170
Address:	1600 W OLYMPIC BLVD

CHEVRON STATION 93929 (Continued) **S101582913**

City,State,Zip: LOS ANGELES, CA 90015
Site ID: 78956
CERS ID: 10256332
CERS Description: Hazardous Waste Generator

SWEEPS UST:

Name: CHEVRON STATION 93929
Address: 1600 W OLYMPIC BLVD
City: LOS ANGELES
Status: Active
Comp Number: 3558
Number: 9
Board Of Equalization: 44-013102
Referral Date: 08-26-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003558-000001
Tank Status: A
Capacity: 9500
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: REGULAR UNLE
Number Of Tanks: 4

Name: CHEVRON STATION 93929
Address: 1600 W OLYMPIC BLVD
City: LOS ANGELES
Status: Active
Comp Number: 3558
Number: 9
Board Of Equalization: 44-013102
Referral Date: 08-26-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-003558-000002
Tank Status: A
Capacity: 9500
Active Date: 04-20-88
Tank Use: CHEMICAL
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Name: CHEVRON STATION 93929
Address: 1600 W OLYMPIC BLVD
City: LOS ANGELES
Status: Active
Comp Number: 3558
Number: 9
Board Of Equalization: 44-013102
Referral Date: 08-26-92
Action Date: 04-19-94
Created Date: 02-29-88
Owner Tank Id: Not reported

CHEVRON STATION 93929 (Continued) **S101582913**

SWRCB Tank Id:	19-050-003558-000003
Tank Status:	A
Capacity:	6000
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

Name:	CHEVRON STATION 93929
Address:	1600 W OLYMPIC BLVD
City:	LOS ANGELES
Status:	Active
Comp Number:	3558
Number:	9
Board Of Equalization:	44-013102
Referral Date:	08-26-92
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003558-000004
Tank Status:	A
Capacity:	1500
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	19001830
Regulated By:	UTNKA
Regulated ID:	00062542
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2133879815
Mail To:	Not reported
Mailing Address:	575 MARKET ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CERS TANKS:

Name:	UNITED #170
Address:	1600 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Site ID:	78956
CERS ID:	10256332
CERS Description:	Underground Storage Tank

CHEVRON STATION 93929 (Continued) **S101582913**

HAZNET:

Name:	APRO LLC DBA UNITED OIL 170
Address:	1600 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Year:	2017
GEPAID:	CAL000398612
Contact:	TOM ROBINS
Telephone:	3103233992
Mailing Name:	Not reported
Mailing Address:	4130 COVER STREET
Mailing City,St,Zip:	LONG BEACH, CA 908080000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.93825
CA Waste Code:	241-Tank bottom waste
Method:	H135-Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County:	Los Angeles

Name:	APRO LLC DBA UNITED OIL 170
Address:	1600 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Year:	2017
GEPAID:	CAL000398612
Contact:	TOM ROBINS
Telephone:	3103233992
Mailing Name:	Not reported
Mailing Address:	4130 COVER STREET
Mailing City,St,Zip:	LONG BEACH, CA 908080000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.05
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	UNITED 170
Address:	1600 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Year:	2015
GEPAID:	CAL000398612
Contact:	ALLEN FAASS
Telephone:	9492895286
Mailing Name:	Not reported
Mailing Address:	17311 S MAIN ST
Mailing City,St,Zip:	GARDENA, CA 90248
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.22935
CA Waste Code:	241-Tank bottom waste
Method:	H135-Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County:	Los Angeles

CHEVRON STATION 93929 (Continued) **S101582913**

Name: UNITED 170
Address: 1600 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Year: 2015
GEPAID: CAL000398612
Contact: ALLEN FAASS
Telephone: 9492895286
Mailing Name: Not reported
Mailing Address: 17311 S MAIN ST
Mailing City,St,Zip: GARDENA, CA 90248
Gen County: Los Angeles
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Tons: 0.075
CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

LOS ANGELES HM:
Name: UNITED OIL #170
Address: 1600 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Facility ID: FA0032447
Last Run Date: 06/01/2019
Status: ACTIVE

CERS:
Name: UNITED #170
Address: 1600 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Site ID: 78956
CERS ID: 10256332
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 78956
Site Name: UNITED #170
Violation Date: 07-16-2019
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 07/16/2019. Observation: Certificate of financial responsibility/insurance expired 5/21/19 In CERS, found updated form in binder. Corrective action: corrected on site: update certificate of financial responsibility in CERS.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 78956
Site Name: UNITED #170
Violation Date: 07-16-2019
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring

CHEVRON STATION 93929 (Continued) **S101582913**

	pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 07/16/2019. Corrected on site like for like for 87 south and 91 LLD on site permit # SRSDDQSKA
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	78956
Site Name:	UNITED #170
Violation Date:	07-16-2019
Citation:	HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)
Violation Description:	Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.
Violation Notes:	Returned to compliance on 07/16/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	78956
Site Name:	UNITED #170
Violation Date:	07-16-2019
Citation:	HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 07/18/2019. Observation: 91 piping sump failed Corrective action: repair and retest, under permit if required.
Violation Division:	Los Angeles City Fire Department
Violation Program:	UST
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-01-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Overfill inspection report reviewed and attached. CERS was non-accepted due to not matching. However site passed overfill inspection. No open violations.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-15-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

CHEVRON STATION 93929 (Continued) **S101582913**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-29-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.VERIFIED INVENTORY FROM CERS SUBMITTAL WITH ACTING MANAGER BECKY MIRANDA. UPDATED CONTACT INFO.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: 05/09/2016 Changed service code 106 to 006 per Royce Long request.VERIFIED INVENTORY FROM CERS SUBMITTAL WITH ACTING MANAGER BECKY MIRANDA. UPDATED CONTACT INFO.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection Report Consent to enter, inspect and take photographs was given by: Becky Miranda Documents uploaded to CERS were reviewed and field verified. The following is a list items that need to be corrected: 1. Document submittal by facility is accurate and no further action is necessary NOTE: The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires business that store, uses or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. To receive a Consolidated Permit you must satisfy the following requirement: **** Annual submission of a hazardous materials business plan to CERS by March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission within 30 days of that change. For new CERS users, please follow the procedures below: 1. Log in to http://cers.calepa.ca.gov to create a user name [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Adilene Orozco, Manager.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2014
Violations Found: No

CHEVRON STATION 93929 (Continued) **S101582913**

Eval Type:	Routine done by local agency
Eval Notes:	FACILITY INSPECTION. REVIEWED UST BOOK. OBSERVED SENSORS PLACED PROPERLY TO DETECT LEAK AT EARLIEST POSSIBLITY. SUMPS AND UDC'S FREE OF LIQUID. VEEDER ROOT NOT IN ALARM. NO VIOLATIONS NOTED.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-08-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	WITNESED MC SB LLD BY SHAWN KHATTAK FROM PETROTECH
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	SHAWN KHATTAK WITH PETROTECHS ICC: 5246014 EXP: 12/19/16
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-08-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-10-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	05/09/2016 Changed service code 106 to 006 per Royce Long request.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-10-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-11-2017
Violations Found:	No
Eval Type:	Routine done by local agency

CHEVRON STATION 93929 (Continued) **S101582913**

Eval Notes:	Inspector Lawrence Kim with the LAFD, onsite 1600 W OLYMPIC BLVD to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by STORE CLERK MONITOR CERTIFICATION was conducted at this time. Monitoring certification was performed by JOHN KNEISEL WITH PTT Tester provided the following certifications: JOHN KNEISEL ICC: 5252941 EXP: 2-20-18 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Ensure submittal of monitor certification test results within 30 days using one of the following options in preferred [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-11-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-12-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Craig LAFD, on site this date to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by Rita Cardona Monitoring system certification was conducted at this time. Monitoring certification was performed by John Kneisel of PTT ICC: 5252941 exp: 2/05/2020 VR: #B33233 exp: 5/1/2018 VMI: #2512 exp: 3/30/2018 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Property Owner: APRO LLC Tank Owner/ Operator: APRO LLC Number of Tanks: Tank 1: 12000 regular Tank 2: 12000 premium Tank 3: [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-13-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Lawrence Kim with the LAFD, onsite 1600 W OLYMPIC BLVD to conduct routine inspection of underground storage tank. Consent to

CHEVRON STATION 93929 (Continued) **S101582913**

enter, inspect and take photographs was given on this date by JESSENIA, MANAGER Monitoring system certification was conducted at this time. Monitoring certification was performed by JOHN KNEISEL WITH PTT INC Tester provided the following certifications: JOHN KNEISEL ICC: 5252941 EXP: 2/20/18 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Ensure submittal of monitor certification test results within 30 days using one of the [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Craig LAFD, on site this date to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by Tom Robbins Monitoring system certification was conducted at this time. Monitoring certification was performed by John Kneisel of PTT ICC: 5252941 exp: 2/05/2020 VR: #B33233 exp: 5/1/2020 VMI: #2512 exp: 3/15/2020 INCON: 1008613708 Exp: 1/30/2019 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Property Owner: APRO LLC Tank Owner/ Operator: APRO LLC Number of Tanks: Tank 1:12000 [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-18-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and cleared violations.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

CHEVRON STATION 93929 (Continued) **S101582913**

Eval General Type:	Other/Unknown
Eval Date:	08-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	No open violations. Reviewed and attached results.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-17-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspector Craig Reviewed and attached results from monitor cert on 7/11/18. Field inspection done on 7/11/18. All components passed.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-19-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Sb989 test report review. Results attached. UDC 91 STP report only.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	78956
Facility Name:	UNITED #170
Env Int Type Code:	HWG
Program ID:	10256332
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.049040
Longitude:	-118.274730

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	APRO LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Tank Operator
Entity Name:	APRO LLC
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States

CHEVRON STATION 93929 (Continued) **S101582913**

Affiliation Zip:	90808
Affiliation Phone:	(310) 323-3992
Affiliation Type Desc:	Identification Signer
Entity Name:	Tom Robins
Entity Title:	Staff Geologist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	CF UNITED PROPCO LLC
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(213) 694-9157
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	Document Preparer
Entity Name:	Tom Robins
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Tom Robins
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90808
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	APRO LLC
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street

CHEVRON STATION 93929 (Continued) **S101582913**

Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(310) 323-3992

Affiliation Type Desc:	UST Tank Owner
Entity Name:	APRO LLC
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90808
Affiliation Phone:	(310) 323-3992

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4130 Cover Street
Affiliation City:	Long Beach
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90808
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	APRO LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(310) 323-3992

Affiliation Type Desc:	Property Owner
Entity Name:	ARCP UO PORTFOLIO I, LP
Entity Title:	Not reported
Affiliation Address:	2325 E. Camelback Rd, Ste 1200
Affiliation City:	Phoenix
Affiliation State:	AZ
Affiliation Country:	United States
Affiliation Zip:	85016
Affiliation Phone:	(602) 778-6223

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Allen Faass
Entity Title:	Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 289-5286

D15 ESE < 1/8 0.063 mi. 333 ft. | **APRO LLC DBA UNITED OIL 170**
1600 W OLYMPIC BLVD
LOS ANGELES, CA 90015 | **RCRA NonGen / NLR** | **1024845451**
CAL000398612

Site 5 of 10 in cluster D

Relative: Lower

Actual: 249 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-07-14 00:00:00.0
Facility name:	APRO LLC DBA UNITED OIL 170
Facility address:	1600 W OLYMPIC BLVD LOS ANGELES, CA 90015
EPA ID:	CAL000398612
Mailing address:	4130 COVER STREET LONG BEACH, CA 90808-0000
Contact:	TOM ROBINS
Contact address:	4130 COVER STREET LONG BEACH, CA 90808
Contact country:	Not reported
Contact telephone:	310-323-3992
Contact email:	TOM.ROBINS@UNITEDPACIFIC.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	APRO LLC
Owner/operator address:	4130 COVER STREET LONG BEACH, CA 90808
Owner/operator country:	Not reported
Owner/operator telephone:	310-323-3992
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	TOM ROBINS
Owner/operator address:	4130 COVER STREET LONG BEACH, CA 90808
Owner/operator country:	Not reported
Owner/operator telephone:	310-323-3992
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No

APRO LLC DBA UNITED OIL 170 (Continued) **1024845451**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

D16 **93929** **CA HIST UST** **U001560590**
ESE **1600 W OLYMPIC** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.063 mi.
333 ft. **Site 6 of 10 in cluster D**

Relative:
Lower

Actual:
249 ft.

HIST UST:

Name:	93929
Address:	1600 W OLYMPIC
City,State,Zip:	LOS ANGELES, CA 90015
File Number:	00026D86
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026D86.pdf
Region:	STATE
Facility ID:	00000062542
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	CARLSON,LARS G
Telephone:	2133879815
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1979
Tank Capacity:	00009500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1979
Tank Capacity:	00009500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1979
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported

93929 (Continued) **U001560590**

Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 4
Year Installed: 1979
Tank Capacity: 00001500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 0000250
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

D17 **UNITED #170** **CA UST** **U003780236**
ESE **1600 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA 90015**
0.063 mi.
333 ft. **Site 7 of 10 in cluster D**

Relative:
Lower
Actual:
249 ft.

UST:
Name: UNITED #170
Address: 1600 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Facility ID: Not reported
Permitting Agency: Los Angeles City Fire Department
Latitude: 34.04904
Longitude: -118.27473

Name: CHEVRON STATION 9-3929
Address: 1600 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Facility ID: 23749
Permitting Agency: LOS ANGELES, CITY OF
Latitude: 34.050386
Longitude: -118.273387

LOS ANGELES UST:
Name: UNITED OIL #170
Address: 1600 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Facility ID: FA0032447
Last Run Date: 06/01/2019
Status: ACTIVE

A18 **DAMON K G** **EDR Hist Auto** **1009083139**
NW **1837 W OLYMPIC BLVD** **N/A**
< 1/8 **LOS ANGELES, CA**
0.063 mi.
333 ft. **Site 9 of 9 in cluster A**

Relative:
Higher
Actual:
260 ft.

EDR Hist Auto

Year:	Name:	Type:
1937	DAMON K G	GASOLINE AND OIL SERVICE STATIONS

C19 South < 1/8 0.068 mi. 357 ft. | **CWA LOCAL 9400 THE UNION BUG**
1632 W 11TH ST
LOS ANGELES, CA 90015

Site 2 of 3 in cluster C

CA HAZNET **S113125223**
CA HAZMAT **N/A**

Relative: Lower

Actual: 237 ft.

HAZNET:

Name:	UNION BUG PRINT SHOPPE
Address:	1632 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2005
GEPAID:	CAL000267186
Contact:	LE MORANTI/GEN MGR
Telephone:	2133848116
Mailing Name:	Not reported
Mailing Address:	1632 W 11TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151921
Gen County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Tons:	2.625
CA Waste Code:	352-Other organic solids
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	UNION BUG PRINT SHOPPE
Address:	1632 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2005
GEPAID:	CAL000267186
Contact:	LE MORANTI/GEN MGR
Telephone:	2133848116
Mailing Name:	Not reported
Mailing Address:	1632 W 11TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151921
Gen County:	Los Angeles
TSD EPA ID:	AZD009015389
TSD County:	99
Tons:	0.068
CA Waste Code:	343-Unspecified organic liquid mixture
Method:	R01-Recycler
Facility County:	Los Angeles

Name:	UNION BUG PRINT SHOPPE
Address:	1632 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 900150000
Year:	2005
GEPAID:	CAL000267186
Contact:	LE MORANTI/GEN MGR
Telephone:	2133848116
Mailing Name:	Not reported
Mailing Address:	1632 W 11TH ST
Mailing City,St,Zip:	LOS ANGELES, CA 900151921
Gen County:	Los Angeles
TSD EPA ID:	AZD009015389
TSD County:	99
Tons:	0.1375
CA Waste Code:	352-Other organic solids
Method:	R01-Recycler

CWA LOCAL 9400 THE UNION BUG (Continued) **S113125223**

Facility County: Los Angeles

LOS ANGELES HM:

Name:	CWA LOCAL 9400 THE UNION BUG
Address:	1632 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	FA0031424
Last Run Date:	06/01/2019
Status:	INACTIVE

B20 **BROWN GEO** **EDR Hist Cleaner** **1009188385**
WSW **1803 W 11TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.069 mi.
364 ft. **Site 2 of 5 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual:
251 ft.

Year:	Name:	Type:
1929	BRAND LOUIS	CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933	BROWN GEO	CLOTHES PRESSERS AND CLEANERS
1937	NAGMAY ABR	CLOTHES PRESSERS AND CLEANERS
1942	WONG MOON	LAUNDRIES ORIENTAL
1997	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
1998	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
1999	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2000	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2001	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2002	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2003	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2004	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2005	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2006	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2007	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2008	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2010	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2011	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2012	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2013	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning
2014	CASTROS STEAM SERVICE	Carpet And Upholstery Cleaning

C21 **BEATTY J P** **EDR Hist Auto** **1009081774**
SSE **1601 W 11TH ST** **N/A**
< 1/8 **LOS ANGELES, CA**
0.080 mi.
421 ft. **Site 3 of 3 in cluster C**

Relative: EDR Hist Auto
Lower

Actual:
238 ft.

Year:	Name:	Type:
1933	BEATTY J P	GASOLINE AND OIL SERVICE STATIONS
1937	SCHWANER EDW	GASOLINE AND OIL SERVICE STATIONS
1942	SCHWANER THEO	GASOLINE AND OIL SERVICE STATIONS

B22 WSW < 1/8 0.080 mi. 424 ft. — **ELDCO INC** — **CA HAZMAT** — **S123545206** / **N/A**

1802 W 11TH ST
LOS ANGELES, CA 90006

Site 3 of 5 in cluster B

Relative: Lower
Actual: 249 ft.

LOS ANGELES HM:

Name:	ELDCO INC
Address:	1802 W 11TH ST
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0011142
Last Run Date:	06/01/2019
Status:	INACTIVE

B23 WSW < 1/8 0.081 mi. 429 ft. — **GROSS HENRY** — **EDR Hist Cleaner** — **1009187277** / **N/A**

1804 W 11TH ST
LOS ANGELES, CA

Site 4 of 5 in cluster B

Relative: Lower
Actual: 249 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1924	HORIUCHJ Y	CLOTHES CLEANERS PRESSERS AND DYERS
1933	GROSS HENRY	CLOTHES PRESSERS AND CLEANERS

B24 WSW < 1/8 0.093 mi. 491 ft. — **HARNED W R** — **EDR Hist Cleaner** — **1009187383** / **N/A**

1810 W 11TH ST
LOS ANGELES, CA

Site 5 of 5 in cluster B

Relative: Lower
Actual: 248 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1929	HARNED W R	CLOTHES PRESSERS CLEANERS AND REPAIRERS
1937	BERANEK N C	CLOTHES PRESSERS AND CLEANERS
1942	LESNICK MAX	LAUNDRIES HAND

D25 ESE < 1/8 0.103 mi. 545 ft. — **TENENBAUM SIDNEY** — **EDR Hist Auto** — **1020985416** / **N/A**

1560 W OLYMPIC
LOS ANGELES, CA 90015

Site 8 of 10 in cluster D

Relative: Lower
Actual: 243 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	TENENBAUM SIDNEY	Gasoline Service Stations
1970	TENENBAUM SIDNEY	Gasoline Service Stations
1971	TENENBAUM SIDNEY	Gasoline Service Stations
1972	TENENBAUM SIDNEY	Gasoline Service Stations
1973	TENENBAUM SIDNEY	Gasoline Service Stations

D26
ESE
< 1/8
0.103 mi.
545 ft.

1560 W OLYMPIC
LOS ANGELES, CA

Site 9 of 10 in cluster D

CA UST **U004300192**
N/A

Relative:
Lower

Actual:
243 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1560 W OLYMPIC
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

27
SSE
< 1/8
0.113 mi.
599 ft.

WHETAN J J
1554 W 11TH ST
LOS ANGELES, CA

EDR Hist Auto **1009078951**
N/A

Relative:
Lower

Actual:
235 ft.

EDR Hist Auto

Year:	Name:	Type:
1924	WHETAN J J	AUTOMOBILE SERVICE STATIONS
1929	SIGLER E C	GASOLINE AND OIL SERVICE STATION
1933	SLAUGHTER ROY	GASOLINE AND OIL SERVICE STATIONS
1937	SLAUGHTER ROY	GASOLINE AND OIL SERVICE STATIONS

D28
ESE
< 1/8
0.116 mi.
610 ft.

MK DRY CLEANING INC
1542 W OLYMPIC BLVD
LOS ANGELES, CA 90015

Site 10 of 10 in cluster D

EDR Hist Cleaner **1020042284**
N/A

Relative:
Lower

Actual:
242 ft.

EDR Hist Cleaner

Year:	Name:	Type:
2003	MK DRY CLEANING INC	Drycleaning Plants, Except Rugs
2004	MK DRY CLEANING INC	Drycleaning Plants, Except Rugs
2005	MK DRY CLEANING INC	Drycleaning Plants, Except Rugs

E29
East
< 1/8
0.122 mi.
646 ft.

ANACOMP, INC
1543 W OLYMPIC BLVD
LOS ANGELES, CA 90015

Site 1 of 4 in cluster E

CA HAZNET **S123069503**
CA HAZMAT **N/A**

Relative:
Lower

Actual:
250 ft.

HAZNET:

Name:	BRICKS HOSPITALITY GROUP, LLC.
Address:	1543 W. OLYMPIC BLVD.
City,State,Zip:	LOS ANGELES, CA 90015
Year:	2017
GEPAID:	CAC002931372
Contact:	DAVID KIM
Telephone:	2137399902
Mailing Name:	Not reported
Mailing Address:	12335 DENHOLM DRIVE #F

ANACOMP, INC (Continued) **S123069503**

Mailing City,St,Zip: EL MONTE, CA 91732
Gen County: Los Angeles
TSD EPA ID: AZC950823111
TSD County: 99
Tons: 15.18
CA Waste Code: 151-Asbestos containing waste
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

LOS ANGELES HM:
Name: ANACOMP, INC
Address: 1543 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90015
Facility ID: FA0023791
Last Run Date: 06/01/2019
Status: INACTIVE

E30
East
< 1/8
0.122 mi.
646 ft.

TERON PETROLEUM CORPORATION **EDR Hist Auto** **1020733114**
1543 W OLYMPIC BLVD **N/A**
LOS ANGELES, CA 90015

Site 2 of 4 in cluster E

Relative:
Lower

Actual:
250 ft.

EDR Hist Auto

Year:	Name:	Type:
1976	TERON PETROLEUM CORPORATION	Gasoline Service Stations
1977	TERON PETROLEUM CORPORATION	Gasoline Service Stations
1978	TERON PETROLEUM CORPORATION	Gasoline Service Stations
1979	TERON PETROLEUM CORPORATION	Gasoline Service Stations
1980	TERON PETROLEUM CORPORATION	Gasoline Service Stations
1980	CAL ATLAS PETROLEUM CO INC	Gasoline Service Stations
1982	CAL ATLAS PETROLEUM CO INC	Gasoline Service Stations
2013	KIM AUTO BROKERS	General Automotive Repair Shops

F31
NNE
1/8-1/4
0.128 mi.
676 ft.

AMERICA AUTO REPAIR & TIRE SERVICE **CA CERS HAZ WASTE** **S123538116**
1750 JAMES M WOOD BLVD **CA HAZMAT** **N/A**
LOS ANGELES, CA 90015

Site 1 of 3 in cluster F

Relative:
Higher

Actual:
285 ft.

CERS HAZ WASTE:
Name: AMERICA AUTO REPAIR & TIRE SERVICE
Address: 1750 JAMES M WOOD BLVD
City,State,Zip: LOS ANGELES, CA 90015
Site ID: 5022
CERS ID: 10262317
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 5022
Site Name: AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date: 04-14-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

Violation Description:	Failure to provide a copy of the business plan to the owner or the owner's agent within five working days after receiving a request for a copy from the owner or the owner's agent.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	08-13-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 02/15/2019. Observation: Owner/operator failed to properly dispose of accumulation of used oil filters. Observed one 55 gal drum of used oil filters in the hazardous waste storage area that was filled to the top, without a cover. Corrective Action: Properly dispose of the accumulation of the used oil filters. Provide receipt to show proper disposal.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

	hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	08-13-2018
Citation:	40 CFR 1 265.35 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.35
Violation Description:	Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes:	Returned to compliance on 10/22/2018. Observation: Owner/operator failed to provide adequate aisle space to the hazardous waste storage area. Observed one 300 gal tote of waste oil, one 55 gal drum of waste antifreeze , and one 55 gal drum of used oil filters being blocked by used auto parts; the area is not accessible for inspection. Corrective Action: Properly organize the hazardous waste storage area so that all hazardous waste containers are not blocked and the area is easily accessible.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	08-13-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 02/15/2019. Observation: Owner/operator failed to ensure all hazardous wastes are properly labeled with all the required information, including the generator?s name and address, accumulation start date, descriptions and hazardous properties of the wastes. Observed all containers of hazardous wastes lacking the required hazardous waste labels in the hazardous waste storage area.

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

	Correction Action: Ensure all hazardous wastes are properly labeled with the required information, including the generator?s name and address, accumulation start date, and a description of the content.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 06/01/2018.

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	08-13-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 02/15/2019. Observation: Owner/operator failed to provide the disposal receipts for waste antifreezes. Corrective Action: Provide disposal receipts/manifests for the disposals of all hazardous wastes for the last 3 years, as required.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-01-2015
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 08/04/2015. OBSERVATION: The Owner/Operator no longer has an active hazardous waste generator permit. Per owner, he has not received anything, no document available for review. CORRECTIVE ACTION: The Owner/Operator shall immediately apply to receive a new or renewed hazardous waste generator permit and maintain that permit as active as long as the facility is in operation and continues to generate hazardous waste.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	08-13-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 02/15/2019. Observation: Owner/operator failed to properly dispose of accumulation of hazardous wastes that have been stored beyond the allowable storage time limit. Observed one 300 gal tote of waste oil that has been stored for over a year. Corrective Action: Properly dispose of the content of the waste oil tote which is filled to the top. Provide receipt/manifest to show proper disposal.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-01-2015
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 08/04/2015. OBSERVATION: This facility does not have a valid EPA ID number to manage hazardous waste. A hazardous waste generator shall not treat, store, dispose of, transport or offer for transportation, hazardous waste without an EPA ID number. CORRECTIVE ACTION: Application to reactivate completed on site.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	5022
Site Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Violation Date:	04-14-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/01/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	01-07-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-15-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-01-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Eduardo Guerro
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by (EDUARDO GUERRERO - OWNER). Observed the facility and inspected hazardous materials storage. Annual employee safety training records were not maintained. Facility has also not electronically disclosed the onsite hazardous materials inventory or submitted a business emergency plan in California Environmental Reporting System (CERS). Please go to https://cersbusiness2.calepa.ca.gov to complete a chemical inventory disclosure and business emergency plan. The facility is responsible

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-01-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: for documentation only. Site is under threshold for reporting. Facility has haz waste only, referral sent to dmu
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-04-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Eduardo Guerrero
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-22-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-05-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 5022
Facility Name: AMERICA AUTO REPAIR & TIRE SERVICE

AMERICA AUTO REPAIR & TIRE SERVICE (Continued) **S123538116**

Env Int Type Code:	HWG
Program ID:	10262317
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.051640
Longitude:	-118.275330

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1750 JAMES M WOOD BLVD
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90015
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Parent Corporation
Entity Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

LOS ANGELES HM:

Name:	AMERICA AUTO REPAIR & TIRE SERVICE
Address:	1750 JAMES M WOOD BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	FA0038185
Last Run Date:	06/01/2019
Status:	INACTIVE

G32
NW
1/8-1/4
0.135 mi.
714 ft.

1901 W OLYMPIC BLVD
LOS ANGELES, CA

Site 1 of 2 in cluster G

CA UST **U004300806**
N/A

Relative:
Higher

Actual:
266 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1901 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

E33
ESE
1/8-1/4
0.135 mi.
715 ft.

1538 W OLYMPIC BLVD
LOS ANGELES, CA

Site 3 of 4 in cluster E

CA UST **U004300139**
N/A

Relative:
Lower

Actual:
241 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1538 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

F34
NNE
1/8-1/4
0.136 mi.
716 ft.

MEXICO TIRES & AUTO REPAIR
1750 W 9TH ST
LOS ANGELES, CA 90006

Site 2 of 3 in cluster F

CA HAZMAT **S123550449**
N/A

Relative:
Higher

Actual:
287 ft.

LOS ANGELES HM:

Name:	MEXICO TIRES & AUTO REPAIR
Address:	1750 W 9TH ST
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0030875
Last Run Date:	06/01/2019
Status:	INACTIVE

H35
ESE
1/8-1/4
0.141 mi.
742 ft.

L.A. UNIFIED SCHOOL DISTRICT/10TH ST. ELEMENTARY S
1027 GRATTAN ST
LOS ANGELES, CA 90015

Site 1 of 4 in cluster H

CA SWEEPS UST **S106928334**
N/A

Relative:
Lower

Actual:
239 ft.

SWEEPS UST:

Name:	L.A. UNIFIED SCHOOL DISTRICT/10TH ST. ELEMENTARY SCHOOL
Address:	1027 GRATTAN ST
City:	LOS ANGELES
Status:	Not reported
Comp Number:	5816
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported

L.A. UNIFIED SCHOOL DISTRICT/10TH ST. ELEMENTARY SCHOOL (Continued) **S106928334**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

H36
ESE
1/8-1/4
0.141 mi.
742 ft.

1027 GRATTAN ST
LOS ANGELES, CA

Site 2 of 4 in cluster H

CA UST **U004298610**
N/A

Relative:
Lower

Actual:
239 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1027 GRATTAN ST
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

37
NE
1/8-1/4
0.141 mi.
742 ft.

1632 W 9TH ST
LOS ANGELES, CA

CA UST **U004300346**
N/A

Relative:
Higher

Actual:
276 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1632 W 9TH ST
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

G38
NW
1/8-1/4
0.151 mi.
799 ft.

EL POLLO LOCO #5502
1934 W OLYMPIC BLVD
LOS ANGELES, CA 90006

Site 2 of 2 in cluster G

CA HAZMAT **S123499407**
CA CERS **N/A**

Relative:
Higher

Actual:
257 ft.

LOS ANGELES HM:

Name:	EL POLLO LOCO #5502
Address:	1934 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0039912
Last Run Date:	06/01/2019
Status:	ACTIVE

EL POLLO LOCO #5502 (Continued) **S123499407**

CERS:

Name:	EL POLLO LOCO #5502
Address:	1934 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	114052
CERS ID:	10503046
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	114052
Facility Name:	El Pollo Loco #5502
Env Int Type Code:	HMBP
Program ID:	10503046
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.051020
Longitude:	-118.278410

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1934 W Olympic Blvd
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90006
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Environmental Contact
Entity Name:	Dan Milojevich
Entity Title:	Not reported
Affiliation Address:	3535 Harbor Blvd, Suite 100
Affiliation City:	Costa Mesa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92626
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Dan Milojevich
Entity Title:	Director of Facilities
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

EL POLLO LOCO #5502 (Continued) **S123499407**

Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	El Pollo Loco #5502
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(661) 945-6094

Affiliation Type Desc:	Document Preparer
Entity Name:	CHRIS RAYMOND
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	El Pollo Loco
Entity Title:	Not reported
Affiliation Address:	3535 Harbor Blvd, Suite 100
Affiliation City:	Costa Mesa
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92626
Affiliation Phone:	(714) 599-5000

Affiliation Type Desc:	Parent Corporation
Entity Name:	El Pollo Loco
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

I39 **LOS ANGELES - W 11TH PL 1554** **US BROWNFIELDS** **1023620120**
SSE **1554 W 11TH PL** **FINDS** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015**
0.161 mi.
849 ft. **Site 1 of 2 in cluster I**

Relative:
Lower

Actual:
231 ft.

US BROWNFIELDS:

Name:	LOS ANGELES - W 11TH PL 1554
Address:	1554 W 11TH PL
City,State,Zip:	LOS ANGELES, CA 90015
Recipient Name:	R9 TBA (STAG Funded)
Grant Type:	TBA
Property Number:	5137-025-901, 5137-025-902, 5137-025-903, 5137-025-904.
Parcel size:	.3
Latitude:	34.0468521

LOS ANGELES - W 11TH PL 1554 (Continued) **1023620120**

Longitude:	-118.2753078
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	229601
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	64134
Assessment Funding Source:	US EPA - TBA Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	n/a
Start Date:	10/20/2015 00:00:00
Ownership Entity:	Not reported
Completion Date:	05/19/2017 00:00:00
Current Owner:	Community Redevelopment Agency of the City of Los Angeles (CRA/LA)
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported

LOS ANGELES - W 11TH PL 1554 (Continued) **1023620120**

Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Y
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	.3
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported

LOS ANGELES - W 11TH PL 1554 (Continued) **1023620120**

Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The Site appears to have been undeveloped until approximately 1905. By 1906, the entire Site was developed as single-family residences. By 1924, the southernmost portion of the Site was developed as an operating gasoline and oil service station. By 1955, the gasoline and oil service station had been demolished; whereas, the auto repair buildings and single-family residences remained. By 1960, the auto repair buildings had been demolished and the southern portion of the Site was unimproved. According to a 1962 city directory, a dry cleaning store operated at the Site. From 1967 to 1980, the dry cleaning store was converted to a single-family residence and the northernmost portion of the Site remained developed with single-family residences. By 1981, the single-family residence had been demolished and no structures remained. A 1989 aerial photograph depicts the Site with landscaping, which appears to be developed into a public space and garden.
Below Poverty Number:	8992
Below Poverty Percent:	38.9%
Meidan Income:	4308
Meidan Income Number:	17505
Meidan Income Percent:	75.8%
Vacant Housing Number:	858
Vacant Housing Percent:	10.4%
Unemployed Number:	1629
Unemployed Percent:	7.1%

FINDS:

Registry ID: 110070034283

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

E40 **JOSEPH H LEE DDS** **RCRA NonGen / NLR** **1024796894**
ESE **1515 W OLYMPIC BLVD** **CAL000180518**
1/8-1/4 **LOS ANGELES, CA 90015**
0.164 mi.
865 ft. **Site 4 of 4 in cluster E**

Relative:
Lower

Actual:
243 ft.

RCRA NonGen / NLR:

Date form received by agency:	1998-03-09 00:00:00.0
Facility name:	JOSEPH H LEE DDS
Facility address:	1515 W OLYMPIC BLVD LOS ANGELES, CA 90015-0000
EPA ID:	CAL000180518
Contact:	DR LEE

JOSEPH H LEE DDS (Continued) **1024796894**

Contact address:	1515 W OLYMPIC BLVD LA, CA 90015
Contact country:	Not reported
Contact telephone:	213-384-4100
Contact email:	JOEHANLEE@YAHOO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DR LEE
Owner/operator address:	1515 W OLYMPIC BLVD LA, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	213-384-4100
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DR JOSEPH H LEE
Owner/operator address:	1515 W OLYMPIC BLVD LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	000-000-0000
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

F41 North 1/8-1/4 0.172 mi. 908 ft. | **BURLINGTON CONVALESCENT HOSPITAL**
845 S BURLINGTON AVE
LOS ANGELES, CA 90057

Site 3 of 3 in cluster F

CA HAZMAT **S123498385**
CA CERS **N/A**

Relative: Higher

Actual: 294 ft.

LOS ANGELES HM:

Name:	BURLINGTON CONVALESCENT HOSPITAL
Address:	845 S BURLINGTON AVE
City,State,Zip:	LOS ANGELES, CA 90057
Facility ID:	FA0000750
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	BURLINGTON CONVALESCENT HOSPITAL
Address:	845 S BURLINGTON AVE
City,State,Zip:	LOS ANGELES, CA 90057
Site ID:	100657
CERS ID:	10239925
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	11-30-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	11-30-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	01-03-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department

BURLINGTON CONVALESCENT HOSPITAL (Continued) **S123498385**

Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	01-03-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	01-03-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	11-30-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	11-30-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL

BURLINGTON CONVALESCENT HOSPITAL (Continued) **S123498385**

Violation Date:	11-30-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	01-03-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	100657
Site Name:	BURLINGTON CONVALESCENT HOSPITAL
Violation Date:	01-03-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/10/2019.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-30-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspection Report Consent to enter, inspect and take photographs was given by: Dan Distefano Documents uploaded to CERS were reviewed and field verified. The following is a list items that need to be corrected: 1. Update your facility information annually through CERS to include a site map and contingency plan. Attachments have been provided with this report. 2. Update your hazardous materials inventory per the new Cal EPA reporting criteria. Oxygen noted at time of inspection. Instructions have also been provided with this report The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires business that store, uses or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. To receive a Consolidated Permit you must satisfy the following requirement: **** Annual submission of a hazardous materials business plan to CERS by March 1 of every year. Please [Truncated]

BURLINGTON CONVALESCENT HOSPITAL (Continued) **S123498385**

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-03-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Second Notice of Violation Inspection Report Documents uploaded to CERS were reviewed. Indicated previously in this report are violations, originally issued on 11/30/18 that have not been resolved by the original COMPLY BY date. These violations have been re-issued and the violation class upgraded. Review and correct all violations indicated in this report, on or before the new COMPLY BY date associated with each violation. Failure to resolve these violations will result in this facility being subject to formal enforcement. NOTE: The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into CERS is required between January 1 and March 1 of every year. Please remember that any change in inventory of greater than [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by (DAN DISTEFANO). EMAIL: FAC01ADMIN@LONGWOODMGNT.COM Observed the facility and inspected hazardous materials storage. Annual employee safety training records were maintained. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within 30 days of the change.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-11-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: received an email from joyce tabije inquiring on CERS letter from CUPA. Reviewed CERS site, last submittal was in 2016. Prior submittal was accepted. Advised Joyce there is an option to select nothing has changed from the prior year, and to advise when her 2017 submittal is complete.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

BURLINGTON CONVALESCENT HOSPITAL (Continued) **S123498385**

Eval General Type:	Other/Unknown
Eval Date:	06-10-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS SUBMITTAL: OPEN VIOLATIONS CLEARED WITH THE EXCEPTION OF HAZMAT INVENTORY.
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	100657
Facility Name:	BURLINGTON CONVALESCENT HOSPITAL
Env Int Type Code:	HMBP
Program ID:	10239925
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.052370
Longitude:	-118.275540

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	michael Seifert
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	LIBBY CARE CENTERS INC
Entity Title:	Not reported
Affiliation Address:	4032 Wilshire Blvd, Suite 600
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90010
Affiliation Phone:	(213) 389-6900

Affiliation Type Desc:	Parent Corporation
Entity Name:	BURLINGTON CONVALESCENT HOSPITAL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Dan DiStefano
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported

BURLINGTON CONVALESCENT HOSPITAL (Continued) **S123498385**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 381-5585

Affiliation Type Desc:	Property Owner
Entity Name:	LFRIEDMAN LIVING TRUST
Entity Title:	Not reported
Affiliation Address:	4032 Wilshire Blvd Suite 600
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90010
Affiliation Phone:	(213) 389-6900

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	845 S BURLINGTON AVE
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90057
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Environmental Contact
Entity Name:	JULIAN CORDOVA
Entity Title:	Not reported
Affiliation Address:	845 S. Burlington Ave
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90057
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Seifert
Entity Title:	Administrator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

I42
South
1/8-1/4
0.173 mi.
914 ft.

1146 S UNION AVE
LOS ANGELES, CA

Site 2 of 2 in cluster I

CA UST **U004299042**
N/A

Relative:
Lower

Actual:
230 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1146 S UNION AVE
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

H43
SE
1/8-1/4
0.173 mi.
916 ft.

LAUSD - 10TH STREET SCHOOL
1000 S GRATTAN ST
LOS ANGELES, CA 90015

Site 3 of 4 in cluster H

CA HAZMAT **S123542242**
N/A

Relative:
Lower

Actual:
238 ft.

LOS ANGELES HM:

Name:	LAUSD - 10TH STREET SCHOOL
Address:	1000 S GRATTAN ST
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	FA0002835
Last Run Date:	06/01/2019
Status:	INACTIVE

H44
SE
1/8-1/4
0.173 mi.
916 ft.

LAUSD 10TH ST ELEM SCHOOL
1000 GRATTAN ST
LOS ANGELES, CA 90015

Site 4 of 4 in cluster H

RCRA-SQG **1000378425**
FINDS **CAD982025132**
ECHO

Relative:
Lower

Actual:
238 ft.

RCRA-SQG:

Date form received by agency:	1987-08-20 00:00:00.0
Facility name:	LAUSD 10TH ST ELEM SCHOOL
Facility address:	1000 GRATTAN ST LOS ANGELES, CA 90015
EPA ID:	CAD982025132
Mailing address:	1425 S SAN PEDRO ST RM 215 LOS ANGELES, CA 90015
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1000 GRATTAN ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-742-7371
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LAUSD

LAUSD 10TH ST ELEM SCHOOL (Continued) **1000378425**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002780731

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

LAUSD 10TH ST ELEM SCHOOL (Continued) **1000378425**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000378425
Registry ID:	110002780731
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002780731

J45 WNW 1/8-1/4 0.198 mi. 1044 ft. | **MCDONALD'S #4589** | **CA HAZNET** | **S112890560**
2020 W OLYMPIC BLVD | **CA HAZMAT** | **N/A**
LOS ANGELES, CA 90006 | **CA CERS**

Site 1 of 2 in cluster J

Relative: Higher

Actual: 254 ft.

HAZNET:

Name:	MC DONALD'S
Address:	2020 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	1999
GEPAID:	CAC001426704
Contact:	JUDY REYES
Telephone:	8185947532
Mailing Name:	Not reported
Mailing Address:	21300 VICTORY BLVD STE 800
Mailing City,St,Zip:	WOODLAND HILLS, CA 913670000
Gen County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County:	Los Angeles
Tons:	0.4587
CA Waste Code:	611-Contaminated soil from site clean-up
Method:	H01-Transfer Station
Facility County:	Los Angeles

LOS ANGELES HM:

Name:	MCDONALD'S #4589
Address:	2020 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0039489
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	MCDONALD'S 4589
Address:	2020 W OLYMPIC BLVD
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	419743
CERS ID:	10729396
CERS Description:	Chemical Storage Facilities

Coordinates:

Site ID:	419743
Facility Name:	McDonald's 4589

MCDONALD'S #4589 (Continued) **S112890560**

Env Int Type Code:	HMBP
Program ID:	10729396
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.051010
Longitude:	-118.279230

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Dawn Harkey
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Denise Bernabe
Entity Title:	Office Mgr
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Partners H & R
Entity Title:	Not reported
Affiliation Address:	2202 S. Figuroa St.
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90007
Affiliation Phone:	(213) 742-1715

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Environmental Contact
Entity Name:	Hamlet Pogosyan
Entity Title:	Not reported
Affiliation Address:	2202 S. Figeroa St.
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90007
Affiliation Phone:	Not reported

MCDONALD'S #4589 (Continued) **S112890560**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2202 S. Figuroa St.
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90007
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	McDonald's 4589
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 389-4986

Affiliation Type Desc:	Parent Corporation
Entity Name:	McDonald's
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

K46 **KEN TORABAYASHI/SAM Y MAEDA** **CA SWEEPS UST** **S101586163**
SE **1020 S VALENCIA ST** **CA FID UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90015** **CA HAZMAT**
0.206 mi.
1086 ft. **Site 1 of 4 in cluster K**

Relative:
Lower

Actual:
240 ft.

SWEEPS UST:

Name:	KEN TORABAYASHI/SAM Y MAEDA
Address:	1020 S VALENCIA ST
City:	LOS ANGELES
Status:	Not reported
Comp Number:	4304
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

KEN TORABAYASHI/SAM Y MAEDA (Continued) **S101586163**

CA FID UST:

Facility ID:	19040032
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	1020 S VALENCIA ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900150000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

LOS ANGELES HM:

Name:	MIKE'S BODY & FENDER SHOP
Address:	1020 S VALENCIA ST
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	FA0020118
Last Run Date:	06/01/2019
Status:	INACTIVE

K47 **CRUZ EARLY EDUCATION CENTER** **RCRA-LQG** **1010783819**
SE **1020 S VALENCIA ST** **CAR000191817**
1/8-1/4 **LOS ANGELES, CA 90015**
0.206 mi.
1086 ft. **Site 2 of 4 in cluster K**

Relative:
Lower

Actual:
240 ft.

RCRA-LQG:

Date form received by agency:	2008-04-23 00:00:00.0
Facility name:	CRUZ EARLY EDUCATION CENTER
Facility address:	1020 S VALENCIA ST LOS ANGELES, CA 90015
EPA ID:	CAR000191817
Mailing address:	333 S BEAUDRY AVE LAUSD OEHS 20TH FL LOS ANGELES, CA 90017
Contact:	SOE AUNG
Contact address:	333 S BEAUDRY AVE LAUSD OEHS 20TH FL LOS ANGELES, CA 90017
Contact country:	US
Contact telephone:	213-241-3904
Contact email:	SOE.AUNG@LAUSD.NET
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1

CRUZ EARLY EDUCATION CENTER (Continued) **1010783819**

kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DIST
Owner/operator address:	333 S BEAUDRY AVE LOS ANGELES, CA 90017
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	2008-04-16 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	CRUZ EARLY EDUCATION CENTER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	2008-04-16 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

K48 SE 1/8-1/4 0.206 mi. 1087 ft. | **INKEN CORPORATION 1064 VALENCIA STREET LOS ANGELES, CA 90015** | **RCRA NonGen / NLR** | **1024771292 CAC002991203**

Site 3 of 4 in cluster K

Relative: Lower

Actual: 239 ft.

RCRA NonGen / NLR:

Date form received by agency:	2018-11-30 00:00:00.0
Facility name:	INKEN CORPORATION
Facility address:	1064 VALENCIA STREET UNIT #1062,#1064,#1066 & #1068 LOS ANGELES, CA 90015-1254
EPA ID:	CAC002991203
Mailing address:	3600 WILSHIRE BOULEVARD SUITE #200 LOS ANGELES, CA 90010-2606
Contact:	KI AN
Contact address:	3600 WILSHIRE BOULEVARD SUITE #200 LOS ANGELES, CA 90010-2606
Contact country:	Not reported
Contact telephone:	213-923-6040
Contact email:	STEPHANIECRUZ@ALLIANCE-ENVIRO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	KI AN
Owner/operator address:	3600 WILSHIRE BOULEVARD SUITE #200 LOS ANGELES, CA 90010
Owner/operator country:	Not reported
Owner/operator telephone:	213-923-6040
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	INKEN CORPORATION
Owner/operator address:	3600 WILSHIRE BOULEVARD SUITE #200 LOS ANGELES, CA 90010
Owner/operator country:	Not reported
Owner/operator telephone:	213-923-6040
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

INKEN CORPORATION (Continued) **1024771292**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

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49 NNE 1/8-1/4 0.213 mi. 1123 ft.

BURLINGTON ARMS APARTMENT
817 SOUTH BURLINGTON AVENUE
LOS ANGELES, CA 90057

RCRA NonGen / NLR **1024774057**
CAC002993978

Relative: Higher

Actual: 294 ft.

RCRA NonGen / NLR:

Date form received by agency:	2018-12-20 00:00:00.0
Facility name:	BURLINGTON ARMS APARTMENT
Facility address:	817 SOUTH BURLINGTON AVENUE LOS ANGELES, CA 90057-4250
EPA ID:	CAC002993978
Mailing address:	5150 OVERLAND AVENUE CULVER CITY, CA 90230-4914
Contact:	ALLEN FRENCH
Contact address:	5150 OVERLAND AVENUE CULVER CITY, CA 90230-4914
Contact country:	Not reported
Contact telephone:	310-280-5812
Contact email:	STEPHANIECRUZ@ALLIANCE-ENVIRO.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	GOLDRICH KEST MANAGEMENT CO., INC
Owner/operator address:	5150 OVERLAND AVENUE CULVER CITY, CA 90230
Owner/operator country:	Not reported
Owner/operator telephone:	310-280-5812
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ALLEN FRENCH
Owner/operator address:	5150 OVERLAND AVENUE CULVER CITY, CA 90230
Owner/operator country:	Not reported
Owner/operator telephone:	310-280-5812
Owner/operator email:	Not reported

BURLINGTON ARMS APARTMENT (Continued) **1024774057**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

50
South
1/8-1/4
0.214 mi.
1131 ft.

1225 S UNION AVE
LOS ANGELES, CA

CA UST **U004299315**
N/A

Relative:
Lower

Actual:
228 ft.

LOS ANGELES UST:
Name: Not reported
Address: 1225 S UNION AVE
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

L51
East
1/8-1/4
0.217 mi.
1145 ft.

913 VALENCIA ST
LOS ANGELES, CA

Site 1 of 2 in cluster L

CA UST **U004304985**
N/A

Relative:
Higher

Actual:
260 ft.

LOS ANGELES UST:
Name: Not reported
Address: 913 VALENCIA ST
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

M52 West 1/8-1/4 0.227 mi. 1197 ft. | **OLYMPIA CONVALESCENT HOSPITAL**
1100 S ALVARADO ST
LOS ANGELES, CA 90006

Site 1 of 3 in cluster M

CA HAZMAT **S123501267**
CA CERS **N/A**

Relative: Lower

Actual: 244 ft.

LOS ANGELES HM:

Name:	OLYMPIA CONVALESCENT HOSPITAL
Address:	1100 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0002461
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	OLYMPIA CONVALESCENT HOSPITAL
Address:	1100 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	139919
CERS ID:	10241131
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	11-13-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 04-12-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 09/21/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 04-12-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 09/21/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 04-12-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 09/21/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 04-12-2016
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description: Failure to provide a copy of the business plan to the owner or the owner’s agent within five working days after receiving a request for a copy from the owner or the owner’s agent.
Violation Notes: Returned to compliance on 09/21/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	09-21-2018
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	09-21-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	09-21-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Description:	Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	04-12-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 09/21/2018.
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	139919
Site Name:	OLYMPIA CONVALESCENT HOSPITAL
Violation Date:	09-21-2018
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Not reported
Violation Division:	Los Angeles City Fire Department
Violation Program:	HMRRP

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 11-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 09-21-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 09-21-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 09-21-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 09-21-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 11-13-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 04-12-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 09/21/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 09-21-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Not reported
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 139919
Site Name: OLYMPIA CONVALESCENT HOSPITAL
Violation Date: 04-12-2016
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 09/21/2018.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous materials and business emergency plan inspection. Consent to enter and inspect was given by ISANI BALTAZAR - MAINTENANCE SUPERVISOR. CONTACT INFORMATION: OSCHWARTZ@GSHCI.COM Observed the facility and inspected hazardous materials storage. Annual employee safety training records were not maintained. Facility has also not electronically disclosed the onsite hazardous materials inventory or submitted a business emergency plan in California Environmental Reporting System (CERS). Please go to https://cersbusiness2.calepa.ca.gov to complete a chemical inventory disclosure and business emergency plan. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically)within 30 days of the change.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-12-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: PERMISSION FOR INSPECTION GIVEN BY ISANI BALTAZAR MAINTENANCE SUPERVISOR
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-21-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspection Report Consent to enter, inspect and take photographs was given by: Marco Cantoreggi Documents uploaded to CERS were reviewed and field verified. The following is a list items that need to be corrected: 1. Update your facility information through CERS for the current year (2018) 2. Update your hazardous materials inventory per the new Cal EPA reporting requirements. An attachment has been provided to assist you. NOTE: The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires business that store, uses or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA. To receive a Consolidated Permit you must satisfy the following requirement: **** Annual submission of a hazardous materials business plan to CERS by March 1 of every year. Please remember that any change in inventory of greater than 100 percent will require new submission within 30 [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Eval General Type:	Other/Unknown
Eval Date:	11-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	submittal not accepted. Missing components on ste map, no contingency plan, and haz mat not updated per Cal EPA
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	11-13-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Second Notice of Violation Inspection Report Documents uploaded to CERS were reviewed. Indicated previously in this report are violations, originally issued on 9/21/18 that have not been resolved by the original COMPLY BY date. These violations have been re-issued and the violation class upgraded. Review and correct all violations indicated in this report, on or before the new COMPLY BY date associated with each violation. Failure to resolve these violations will result in this facility being subject to formal enforcement. NOTE: The LAMC, Sections (L.A.M.C. SECTIONS 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into CERS is required between January 1 and March 1 of every year. Please remember that any change in inventory of greater than [Truncated]
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	139919
Facility Name:	OLYMPIA CONVALESCENT HOSPITAL
Env Int Type Code:	HMBP
Program ID:	10241131
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.049810
Longitude:	-118.280380

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Marco Cantoreggi
Entity Title:	Administrator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	GOLDEN STATE HEALTH CENTERS IN

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Entity Title:	Not reported
Affiliation Address:	13347 VENTURA BLVD
Affiliation City:	SHERMAN OAKS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90029
Affiliation Phone:	(818) 385-3200

Affiliation Type Desc:	Parent Corporation
Entity Name:	OLYMPIA CONVALESCENT HOSPITAL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1100 S ALVARADO
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90006
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	GOLDEN STATE HEALTH CENTERS IN
Entity Title:	Not reported
Affiliation Address:	13347 VENTURA BLVD
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90006
Affiliation Phone:	(213) 487-3000

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Document Preparer
Entity Name:	Marco Cantoreggi
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

OLYMPIA CONVALESCENT HOSPITAL (Continued) **S123501267**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Isani Baltazar
Entity Title:	Not reported
Affiliation Address:	1100 S. Alvarado Street
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90006
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	OLYMPIA CONVALESCENT HOSPITAL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 487-3000

K53 **MIX AND MATCH** **RCRA-SQG** **1000857438**
ESE **769 W 10TH PL** **FINDS** **CAD983668724**
1/8-1/4 **LOS ANGELES, CA 90015** **ECHO**
0.227 mi.
1201 ft. **Site 4 of 4 in cluster K**

Relative:
Lower

Actual:
243 ft.

RCRA-SQG:

Date form received by agency:	1993-05-21 00:00:00.0
Facility name:	MIX AND MATCH
Facility address:	769 W 10TH PL LOS ANGELES, CA 90015
EPA ID:	CAD983668724
Mailing address:	W 10TH PL LOS ANGELES, CA 90015
Contact:	WAN RHEE
Contact address:	769 W 10TH PL LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-748-8982
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WAN RHEE
Owner/operator address:	769 W 10TH PL LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	213-748-8982
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

MIX AND MATCH (Continued) **1000857438**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002899481

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000857438
Registry ID: 110002899481
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002899481

J54 **CA UST** **U004300989**
WNW **2026 W OLYMPIC BLVD** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.229 mi.
1207 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
255 ft.

LOS ANGELES UST:
Name: Not reported
Address: 2026 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported

(Continued) **U004300989**

Last Run Date: 01/01/1900
Status: HISTORICAL

M55 **CA UST** **U004300979**
West **2020 W 11TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.230 mi.
1213 ft. **Site 2 of 3 in cluster M**

Relative:
Lower

Actual:
243 ft.

LOS ANGELES UST:
Name: Not reported
Address: 2020 W 11TH ST
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

N56 **MOBIL #18-HYQ** **CA HIST CORTESE** **S101296880**
NW **958 ALVARADO** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.231 mi.
1220 ft. **Site 1 of 8 in cluster N**

Relative:
Higher

Actual:
261 ft.

HIST CORTESE:
edr_fname: MOBIL #18-HYQ
edr_fadd1: 958 ALVARADO
City,State,Zip: LOS ANGELES, CA 90006
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900060052

N57 **MOBIL OIL CORP** **CA CERS HAZ WASTE** **S101582857**
NW **958 S ALVARADO ST** **CA SWEEPS UST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006** **CA FID UST**
0.231 mi. **CA CERS TANKS**
1220 ft. **Site 2 of 8 in cluster N** **CA CHMIRS**
CA HAZNET
Relative: **CA HAZMAT**
Higher **CA CERS**

Actual:
261 ft.

CERS HAZ WASTE:
Name: LEE IN KU'S MOBIL
Address: 958 S ALVARADO ST
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 421148
CERS ID: 10731373
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: MOBIL OIL CORP
Address: 958 S ALVARADO ST
City: LOS ANGELES
Status: Active

MOBIL OIL CORP (Continued) **S101582857**

Comp Number:	2135
Number:	1
Board Of Equalization:	44-000400
Referral Date:	04-09-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002135-000001
Tank Status:	A
Capacity:	6000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	6

Name:	MOBIL OIL CORP
Address:	958 S ALVARADO ST
City:	LOS ANGELES
Status:	Active
Comp Number:	2135
Number:	1
Board Of Equalization:	44-000400
Referral Date:	04-09-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002135-000002
Tank Status:	A
Capacity:	280
Active Date:	04-20-88
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

Name:	MOBIL OIL CORP
Address:	958 S ALVARADO ST
City:	LOS ANGELES
Status:	Active
Comp Number:	2135
Number:	1
Board Of Equalization:	44-000400
Referral Date:	04-09-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002135-000003
Tank Status:	A
Capacity:	12000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	MOBIL OIL CORP

MOBIL OIL CORP (Continued) **S101582857**

Address:	958 S ALVARADO ST
City:	LOS ANGELES
Status:	Active
Comp Number:	2135
Number:	1
Board Of Equalization:	44-000400
Referral Date:	04-09-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002135-000004
Tank Status:	A
Capacity:	10000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	MOBIL OIL CORP
Address:	958 S ALVARADO ST
City:	LOS ANGELES
Status:	Active
Comp Number:	2135
Number:	1
Board Of Equalization:	44-000400
Referral Date:	04-09-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002135-000005
Tank Status:	A
Capacity:	6000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	MOBIL OIL CORP
Address:	958 S ALVARADO ST
City:	LOS ANGELES
Status:	Active
Comp Number:	2135
Number:	1
Board Of Equalization:	44-000400
Referral Date:	04-09-93
Action Date:	04-11-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002135-000006
Tank Status:	A
Capacity:	6000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED

MOBIL OIL CORP (Continued) **S101582857**

Number Of Tanks: Not reported

CA FID UST:

Facility ID:	19001663
Regulated By:	UTNKA
Regulated ID:	00039992
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2133875604
Mail To:	Not reported
Mailing Address:	612 S FLOWER ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900060000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CERS TANKS:

Name:	LEE IN KU'S MOBIL
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	421148
CERS ID:	10731373
CERS Description:	Underground Storage Tank

CHMIRS:

Name:	Not reported
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90509-2929
OES Incident Number:	7-3796
OES notification:	09/26/1997
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported

MOBIL OIL CORP (Continued) **S101582857**

Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1997
Agency:	Tanknology NDE
Incident Date:	9/26/199712:00:00 AM
Admin Agency:	Los Angeles City Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Gasoline
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Tank test failure, no release indicated

HAZNET:

Name:	LEE IN KUS MOBIL
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900063008
Year:	2017
GEPAID:	CAL000386356
Contact:	IN KU LEE
Telephone:	2133875604
Mailing Name:	Not reported
Mailing Address:	958 S ALVARADO ST
Mailing City,St,Zip:	LOS ANGELES, CA 900063008
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019

MOBIL OIL CORP (Continued) **S101582857**

TSD County: Los Angeles
Tons: 0.6255
CA Waste Code: 241-Tank bottom waste
Method: H135-Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County: Los Angeles

LOS ANGELES HM:
Name: MOBIL - LEE INKUS
Address: 958 S ALVARADO ST
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0000145
Last Run Date: 06/01/2019
Status: ACTIVE

CERS:
Name: LEE IN KU'S MOBIL
Address: 958 S ALVARADO ST
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 421148
CERS ID: 10731373
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 421148
Site Name: LEE IN KU'S MOBIL
Violation Date: 10-07-2013
Citation: 22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description: Failure to properly complete the Hazardous Waste manifest.
Violation Notes: Returned to compliance on 10/25/2016.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 421148
Site Name: LEE IN KU'S MOBIL
Violation Date: 07-26-2019
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description: Failure to submit the ?Monitoring System Certification Form? to the UPA within 30 days of completion of the test.
Violation Notes: Observation: Monitor certification results have been rejected as they do not contain alarm history from after the monitor certification. All annual monitor certification test results shall be thoroughly completed and include a copy of post-test alarm history and setup attached to the results. Corrective action: review and update monitor certification results.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 421148
Site Name: LEE IN KU'S MOBIL
Violation Date: 07-26-2019
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)

MOBIL OIL CORP (Continued) **S101582857**

Violation Description: Failure to have an approved UST Monitoring Plan.
Violation Notes: Observation: Tank information in CERS not accurate. Corrective action update CERS.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 421148
Site Name: LEE IN KU'S MOBIL
Violation Date: 10-07-2013
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes: Returned to compliance on 10/25/2016.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 421148
Site Name: LEE IN KU'S MOBIL
Violation Date: 07-26-2019
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the ?Overfill Prevention Equipment Inspection Report Form? to the UPA within 30 days after the inspection. "
Violation Notes: Observation: overfill inspection form tested audible visual, however this does not match CERS listing ball float and flapper as overfill. No ball float measurements have been provided. Corrective action: please correct the conflicting information between CERS and overfill inspection form. If ball float is present provide shutoff depth and percentage. Make sure CERS lists primary overfill as whatever type of overfill has been tested on the overfill inspection form.
Violation Division: Los Angeles City Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 05-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-01-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review to ensure EC/CERS and overfill meet requirements.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

MOBIL OIL CORP (Continued) **S101582857**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Craig LAFD, on site this date to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by IN KU LEE Monitoring system certification was conducted at this time. Monitoring certification was performed byCOX COMPLIANCE JIMMY KONG of COX COMPLIANCE ICC: 8195228 EXP: 02-1-19 D.O. Exp: 02/28/2019 VR: B42792 EXP 01-5-19 VMI: 3392 EXP 06-02-19 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Property Owner: IN KU LEE Tank Owner/ Operator: IN KU LEE Number of Tanks:2/3 split [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-11-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Craig LAFD, on site this date to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by IN KU LEE Monitoring system certification was not conducted at this time. Monitoring certification was performed by Shancor: David Simon with Shancor ICC: 8191470 exp: 12/02/2019 VR: #B36208 exp: 3/10/2020 VMI: #1757 exp: 8/10/2020 Franklin Fueling Systems: Incon Level 4 #4681493702, exp: 3/21/2019 BEAUDREAU 4681493702 EXP: 07-20-17. 12-05-17 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector Craig reviewed and attached mc results. No open violations, all components passed.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

MOBIL OIL CORP (Continued) **S101582857**

Eval Date: 05-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Lawrence Kim with the LAFD, onsite 958 S ALVARADO ST to conduct routine inspection of underground storage tank. Consent to enter, inspect and take photographs was given on this date by LEE KU, OWNER. Monitoring system certification was conducted at this time. Monitoring certification was performed by DAVE SIMON WITH SHANCORTESTING. Tester provided the following certifications: DAVE SIMON ICC: 8191470 EXP: 12/5/17 The UST monitoring panel showed all functions normal. The monitoring set up and alarm history were provided for review. The sumps and UDCs were opened for inspection and the sensors were observed positioned to detect a leak at the earliest opportunity. The spill buckets were also visually inspected. The Monitoring Plan was compared to the equipment onsite. The operation of the UST system was compared to the conditions of the operating permit. Ensure submittal of monitor certification test results within 30 days using one of the options [Truncated]
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: FERNANDO MARTINEZ WITH SHANCOR ICC: 5252037 EXP: 7-17-2015 CONDUCTED MC, SPILL, AND LINE TEST
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-26-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed CERS and test results for compliance. Updated results were requested from testing company in April 11, 2019 during inspection, however, no updated test results have been provided. Monitor

MOBIL OIL CORP (Continued) **S101582857**

certification results have been rejected as they do not contain alarm history from after the monitor certification. All annual monitor certification test results shall be thoroughly completed and include a copy of post-test alarm history and setup attached to the results. REVIEWED RECEIVED OVERFILL PREVENTION EQUIPMENT INSPECTION REPORT FOR TESTING CONDUCTED ON 1/14/19 BY Dave Simon of Shancor CONFIRMED RESULTS WERE SCANNED/ DOWNLOADED AND ATTACHED IN ENVISION. DW or SW vent lines: DW Type of overfill listed in CERS: filltube shutoff and ball float Type of overfill tested:Audible visual. report results read _Pass Ball Float present: Unknown Ball Float measured: NO Current overfill equipment inspection report form indicates that ball floats are not [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS HAS BEEN REVIEWED AND DOCUMENTS ARE ALL UP TO DATE.
Eval Division: Los Angeles City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Issued NOV by MO, granted inspection by In Ku Lee.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: In Ku Lee

MOBIL OIL CORP (Continued) **S101582857**

Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-26-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Final line leak test report attached post construction. Site was missing results until paid for testing. No violations noted.
Eval Division:	Los Angeles City Fire Department
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	421148
Facility Name:	LEE IN KU'S MOBIL
Env Int Type Code:	HMBP
Program ID:	10731373
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.051860
Longitude:	-118.279290

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	IN KU LEE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 814-8461
Affiliation Type Desc:	Property Owner
Entity Name:	IN KU LEE
Entity Title:	Not reported
Affiliation Address:	958 S Avalado St
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90006
Affiliation Phone:	(213) 814-8461
Affiliation Type Desc:	Document Preparer
Entity Name:	JIMMY KONG
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer

MOBIL OIL CORP (Continued) **S101582857**

Entity Name:	IN KU LEE
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	IN KU LEE
Entity Title:	Not reported
Affiliation Address:	958 S ALVARADO ST.
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90006
Affiliation Phone:	(213) 814-8461

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	IN KU LEE
Entity Title:	Not reported
Affiliation Address:	985 S ALVARADO ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90006
Affiliation Phone:	(213) 387-5604

Affiliation Type Desc:	Environmental Contact
Entity Name:	JIMMY KONG
Entity Title:	Not reported
Affiliation Address:	564 Brookline Pl
Affiliation City:	FULLERTON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92835
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	958 S ALVARADO ST.
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90006
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	LEE IN KU'S MOBIL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

MOBIL OIL CORP (Continued) **S101582857**

Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Operator
Entity Name:	IN KU LEE
Entity Title:	Not reported
Affiliation Address:	985 S ALVARADO ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90006
Affiliation Phone:	(213) 387-5604
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680
Affiliation Type Desc:	UST Tank Owner
Entity Name:	IN KU LEE
Entity Title:	Not reported
Affiliation Address:	985 S ALVARADO ST
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90006
Affiliation Phone:	(213) 387-5604

N58 **MOBIL #18-HYQ** **CA LUST** **S104406267**
NW **958 ALVARADO ST S** **CA Cortese** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006** **CA CERS**
0.231 mi.
1220 ft. **Site 3 of 8 in cluster N**

Relative:
Higher

Actual:
261 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900060052	
Status:	Remedial action (cleanup) Underway	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		VE
Global ID:	T0603700474	
W Global ID:	W0607701254	
Staff:	DP	
Local Agency:	19050	
Cross Street:	OLYMPIC BLVD	
Enforcement Type:	SEL	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		5/13/1988

MOBIL #18-HYQ (Continued) **S104406267**

Date Leak Record Entered:	5/11/1988
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	7/15/2002
Date the Case was Closed:	Not reported
How Leak Discovered:	Subsurface Monitoring
How Leak Stopped:	Not reported
Cause of Leak:	Overfill
Leak Source:	Not reported
Operator:	IN KU LEE
Water System:	UNOCAL - JIM SCOTT
Well Name:	Not reported
Approx. Dist To Production Well (ft):	4963.41833637396061136035334 99
Source of Cleanup Funding:	Not reported
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	11/5/1996
Remediation Plan Submitted:	9/11/1998
Remedial Action Underway:	7/15/2002
Post Remedial Action Monitoring Began:	5/13/1988
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	4/16/1999
Hist Max MTBE Conc in Groundwater:	580000
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Yes
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MR. JOHN MEDRANO
RP Address:	3700 W 190TH ST.
Program:	LUST
Lat/Long:	34.0522567 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	3901254-001GEN
Summary:	Not reported

LUST:

Name:	MOBIL #18-HYQ
Address:	958 ALVARADO ST S
City,State,Zip:	LOS ANGELES, CA 90006
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700474
Global Id:	T0603700474
Latitude:	34.0518088522407
Longitude:	-118.279372977316
Status:	Open - Remediation
Status Date:	10/15/2007
Case Worker:	DPP
RB Case Number:	900060052
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board

MOBIL #18-HYQ (Continued) **S104406267**

Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700474
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0603700474
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2011
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 03/15/2018
Action: Soil and Water Investigation Report

Global Id: T0603700474
Action Type: RESPONSE

MOBIL #18-HYQ (Continued) **S104406267**

Date: 04/15/2018
Action: Well Installation Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 03/15/2018
Action: Well Installation Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2019
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2004
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/15/2011
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

MOBIL #18-HYQ (Continued) **S104406267**

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2012
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2012
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2019
Action: Well Installation Workplan

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2018
Action: Soil and Water Investigation Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2017
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0603700474
Action Type: REMEDIATION
Date: 07/31/1998
Action: Free Product Removal

Global Id: T0603700474
Action Type: REMEDIATION
Date: 12/11/2003
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603700474
Action Type: Other
Date: 05/13/1988
Action: Leak Reported

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE

MOBIL #18-HYQ (Continued) **S104406267**

Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2012
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 06/16/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 08/17/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

MOBIL #18-HYQ (Continued) **S104406267**

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 03/19/2018
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700474
Action Type: RESPONSE
Date: 12/31/2003
Action: Interim Remedial Action Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2004
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 09/11/1998
Action: Staff Letter

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 12/19/2017
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 06/18/2019
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 11/23/2009
Action: Well Installation Workplan

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE

MOBIL #18-HYQ (Continued) **S104406267**

Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/30/2010
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/16/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 05/09/2000
Action: Staff Letter

Global Id: T0603700474
Action Type: ENFORCEMENT
Date: 10/31/2003
Action: Staff Letter

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2002
Action: Remedial Progress Report

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

MOBIL #18-HYQ (Continued) **S104406267**

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700474
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 10/29/2010
Action: Soil and Water Investigation Report

Global Id: T0603700474
Action Type: RESPONSE

MOBIL #18-HYQ (Continued) **S104406267**

Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700474
Action Type: RESPONSE
Date: 01/19/2011
Action: Soil and Water Investigation Report

LUST:
Global Id: T0603700474
Status: Open - Case Begin Date
Status Date: 05/13/1988

Global Id: T0603700474
Status: Open - Site Assessment
Status Date: 11/05/1996

Global Id: T0603700474
Status: Open - Remediation
Status Date: 09/11/1998

Global Id: T0603700474
Status: Open - Remediation
Status Date: 04/15/2004

Global Id: T0603700474
Status: Open - Remediation
Status Date: 07/15/2004

Global Id: T0603700474
Status: Open - Remediation
Status Date: 04/14/2006

Global Id: T0603700474
Status: Open - Remediation
Status Date: 07/14/2006

Global Id: T0603700474
Status: Open - Remediation
Status Date: 10/13/2006

Global Id: T0603700474
Status: Open - Remediation
Status Date: 01/12/2007

Global Id: T0603700474
Status: Open - Remediation
Status Date: 10/15/2007

CORTESE:
Name: MOBIL #18-HYQ
Address: 958 ALVARADO ST S
City,State,Zip: LOS ANGELES, CA 90006
Region: CORTESE
Envirostor Id: Not reported

MOBIL #18-HYQ (Continued) **S104406267**

Global ID:	T0603700474
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	OPEN - REMEDIATION
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	MOBIL #18-HYQ
Address:	958 ALVARADO ST S
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	247424
CERS ID:	T0603700474
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

N59 NW 1/8-1/4 0.231 mi. 1220 ft. | **IN KU LEE**
958 S ALVARADO ST
LOS ANGELES, CA 90006

Site 4 of 8 in cluster N

CA HIST UST | **U001560358**
N/A

Relative: Higher

Actual: 261 ft.

HIST UST:

Name:	IN KU LEE
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
File Number:	00027E8D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027E8D.pdf
Region:	STATE
Facility ID:	00000039992
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	SAME
Telephone:	2133875604
Owner Name:	MOBIL OIL CORP.
Owner Address:	612 S. FLOWER ST.
Owner City,St,Zip:	LOS ANGELES, CA 90017
Total Tanks:	0005
Tank Num:	001
Container Num:	3
Year Installed:	1983
Tank Capacity:	00000600
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	5
Year Installed:	1983
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1983
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

IN KU LEE (Continued) **U001560358**

Tank Num:	005
Container Num:	2
Year Installed:	1983
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

N60 **MOBIL - LEE INKUS** **CA UST** **U003781109**
NW **958 S ALVARADO ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.231 mi.
1220 ft. **Site 5 of 8 in cluster N**

Relative:
Higher

Actual:
261 ft.

UST:

Name:	LEE IN KU'S MOBIL
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0000145
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.05186
Longitude:	-118.27929

Name:	MOBIL SERVICE STATION HYQ
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	24744
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.05321
Longitude:	-118.277942

Name:	LEE IN KU S MOBIL
Address:	958 S. ALVARADO ST.
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0000145
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.05186
Longitude:	-118.27929

LOS ANGELES UST:

Name:	MOBIL - LEE INKUS
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	FA0000145
Last Run Date:	06/01/2019
Status:	ACTIVE

N61 NW 1/8-1/4 0.231 mi. 1220 ft.	**EXXONMOBIL OIL CORP 11394 958 S ALVARADO ST LOS ANGELES, CA 90006**	**RCRA-SQG CA HAZNET**	**1012176021 CAR000198531**

Site 6 of 8 in cluster N

Relative: Higher

Actual: 261 ft.

RCRA-SQG:

Date form received by agency:	2009-02-03 00:00:00.0
Facility name:	EXXONMOBIL OIL CORP 11394
Facility address:	958 S ALVARADO ST LOS ANGELES, CA 90006
EPA ID:	CAR000198531
Mailing address:	882 S MATLACK ST STE C CO JD2 ENVIRONMENTAL WEST CHESTER, PA 19382
Contact:	DONNA HYMES
Contact address:	882 S MATLACK ST STE C CO JD2 ENVIRONMENTAL WEST CHESTER, PA 19382
Contact country:	US
Contact telephone:	610-430-8151
Contact email:	DHYMES@JD2ENV.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	EXXONMOBIL OIL CORP
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	1999-12-01 00:00:00.0
Owner/Op end date:	Not reported

Owner/operator name:	EXXONMOBIL OIL CORP
Owner/operator address:	3225 GALLOWS RD FAIRFAX, VA 22037
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1999-12-01 00:00:00.0
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

EXXONMOBIL OIL CORP 11394 (Continued) **1012176021**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

HAZNET:

Name:	EXXONMOBIL OIL CORP 11394
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2013
GEPAID:	CAR000198531
Contact:	DONNA HYMES
Telephone:	6104308151
Mailing Name:	Not reported
Mailing Address:	800 E WASHINGTON ST
Mailing City,St,Zip:	WEST CHESTER, PA 193804542
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	0.2352
CA Waste Code:	134-Aqueous solution with total organic residues less than 10 percent
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	EXXONMOBIL OIL CORP 11394
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2013
GEPAID:	CAR000198531
Contact:	DONNA HYMES
Telephone:	6104308151
Mailing Name:	Not reported
Mailing Address:	800 E WASHINGTON ST
Mailing City,St,Zip:	WEST CHESTER, PA 193804542
Gen County:	Los Angeles
TSD EPA ID:	CAT080013352

EXXONMOBIL OIL CORP 11394 (Continued) **1012176021**

TSD County:	Los Angeles
Tons:	0.209
CA Waste Code:	221-Waste oil and mixed oil
Method:	H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Los Angeles

Name:	EXXONMOBIL OIL CORP 11394
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2013
GEPAID:	CAR000198531
Contact:	DONNA HYMES
Telephone:	6104308151
Mailing Name:	Not reported
Mailing Address:	800 E WASHINGTON ST
Mailing City,St,Zip:	WEST CHESTER, PA 193804542
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Tons:	0.02
CA Waste Code:	352-Other organic solids
Method:	H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	Los Angeles

Name:	EXXONMOBIL OIL CORP 11394
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2012
GEPAID:	CAR000198531
Contact:	DONNA HYMES
Telephone:	6104308151
Mailing Name:	Not reported
Mailing Address:	800 E WASHINGTON ST
Mailing City,St,Zip:	WEST CHESTER, PA 193804542
Gen County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Tons:	0.02
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Los Angeles

Name:	EXXONMOBIL OIL CORP 11394
Address:	958 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900060000
Year:	2011
GEPAID:	CAR000198531
Contact:	DONNA HYMES
Telephone:	6104308151
Mailing Name:	Not reported
Mailing Address:	800 E WASHINGTON ST
Mailing City,St,Zip:	WEST CHESTER, PA 193804542
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019

EXXONMOBIL OIL CORP 11394 (Continued) **1012176021**

TSD County:	Los Angeles
Tons:	1.2093
CA Waste Code:	133-Aqueous solution with total organic residues 10 percent or more
Method:	H135-Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
9 additional CA_HAZNET: record(s) in the EDR Site Report.

N62
NW
1/8-1/4
0.231 mi.
1220 ft.

LEE IN KUS MOBIL **RCRA NonGen / NLR** **1024838914**
958 S ALVARADO ST **CAL000386356**
LOS ANGELES, CA 90006

Site 7 of 8 in cluster N

Relative:
Higher

Actual:
261 ft.

RCRA NonGen / NLR:

Date form received by agency:	2013-06-18 00:00:00.0
Facility name:	LEE IN KUS MOBIL
Facility address:	958 S ALVARADO ST LOS ANGELES, CA 90006-3008
EPA ID:	CAL000386356
Contact:	IN KU LEE
Contact address:	958 S ALVARADO ST LOS ANGELES, CA 90006
Contact country:	Not reported
Contact telephone:	213-387-5604
Contact email:	INKU3343@GMAIL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LEE IN KUS MOBIL
Owner/operator address:	958 S ALVARADO ST LOS ANGELES, CA 90006
Owner/operator country:	Not reported
Owner/operator telephone:	213-387-5604
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	IN KU LEE
Owner/operator address:	958 S ALVARADO ST LOS ANGELES, CA 90006
Owner/operator country:	Not reported
Owner/operator telephone:	213-387-5604
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported

LEE IN KUS MOBIL (Continued) **1024838914**

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

O63 **CA UST** **U004304625**
NE **811 S UNION AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.232 mi.
1224 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
286 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	811 S UNION AVE
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

P64 **LA DWP - DISTRIBUTION STATION - 75** **CA HAZMAT** **S123546811**
NNE **801 S BEACON AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90017**
0.233 mi.
1230 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
295 ft.

LOS ANGELES HM:

Name:	LA DWP - DISTRIBUTION STATION - 75
Address:	801 S BEACON AVE
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	FA0017008
Last Run Date:	06/01/2019
Status:	ACTIVE

65
SSE
1/8-1/4
0.234 mi.
1236 ft.

1513 W 12TH ST
LOS ANGELES, CA

CA UST **U004300064**
N/A

Relative:
Lower

Actual:
230 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	1513 W 12TH ST
City,State,Zip:	LOS ANGELES, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

N66
NW
1/8-1/4
0.237 mi.
1254 ft.

SHAN-O LEE, DENTIST
936 S ALVARADO ST
LOS ANGELES, CA 90026

Site 8 of 8 in cluster N

CA HAZNET **S113060225**
CA HAZMAT **N/A**

Relative:
Higher

Actual:
269 ft.

HAZNET:

Name:	SHAN O. LEE
Address:	936 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900063008
Year:	2002
GEPAID:	CAL000100773
Contact:	TED COTE
Telephone:	2136287000
Mailing Name:	Not reported
Mailing Address:	936 S ALVARADO ST
Mailing City,St,Zip:	LOS ANGELES, CA 900063049
Gen County:	Los Angeles
TSD EPA ID:	CAL000212588
TSD County:	Santa Clara
Tons:	0.0418
CA Waste Code:	181-Other inorganic solid waste
Method:	-
Facility County:	Los Angeles

Name:	SHAN O. LEE
Address:	936 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900063008
Year:	2001
GEPAID:	CAL000100773
Contact:	TED COTE
Telephone:	2136287000
Mailing Name:	Not reported
Mailing Address:	936 S ALVARADO ST
Mailing City,St,Zip:	LOS ANGELES, CA 900063049
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.0001
CA Waste Code:	181-Other inorganic solid waste
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	SHAN O. LEE
Address:	936 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900063008

SHAN-O LEE, DENTIST (Continued) **S113060225**

Year:	2000
GEPAID:	CAL000100773
Contact:	TED COTE
Telephone:	2136287000
Mailing Name:	Not reported
Mailing Address:	936 S ALVARADO ST
Mailing City,St,Zip:	LOS ANGELES, CA 900063049
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.0001
CA Waste Code:	181-Other inorganic solid waste
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	SHAN O. LEE
Address:	936 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900063008
Year:	1999
GEPAID:	CAL000100773
Contact:	TED COTE
Telephone:	2136287000
Mailing Name:	Not reported
Mailing Address:	936 S ALVARADO ST
Mailing City,St,Zip:	LOS ANGELES, CA 900063049
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0
CA Waste Code:	181-Other inorganic solid waste
Method:	H01-Transfer Station
Facility County:	Los Angeles

Name:	SHAN O. LEE
Address:	936 S ALVARADO ST
City,State,Zip:	LOS ANGELES, CA 900063008
Year:	1998
GEPAID:	CAL000100773
Contact:	TED COTE
Telephone:	2136287000
Mailing Name:	Not reported
Mailing Address:	936 S ALVARADO ST
Mailing City,St,Zip:	LOS ANGELES, CA 900063049
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Tons:	0.0001
CA Waste Code:	181-Other inorganic solid waste
Method:	H01-Transfer Station
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES HM:

Name:	SHAN-O LEE, DENTIST
Address:	936 S ALVARADO ST

SHAN-O LEE, DENTIST (Continued) **S113060225**

City,State,Zip: LOS ANGELES, CA 90026
Facility ID: FA0023165
Last Run Date: 06/01/2019
Status: INACTIVE

O67 **CA UST** **U004304587**
NE **805-07 S UNION AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.241 mi.
1272 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
287 ft.

LOS ANGELES UST:
Name: Not reported
Address: 805-07 S UNION AVE
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

L68 **CA UST** **U004300021**
East **1500 W 9TH ST** **N/A**
1/8-1/4 **LOS ANGELES, CA**
0.241 mi.
1274 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
261 ft.

LOS ANGELES UST:
Name: Not reported
Address: 1500 W 9TH ST
City,State,Zip: LOS ANGELES, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

M69 **STEWARD PRINTERS/LITHOGRAPHERS EQUI** **CA HAZMAT** **S123546927**
West **1122 S ALVARADO ST** **N/A**
1/8-1/4 **LOS ANGELES, CA 90006**
0.247 mi.
1306 ft. **Site 3 of 3 in cluster M**

Relative:
Lower

Actual:
243 ft.

LOS ANGELES HM:
Name: STEWARD PRINTERS/LITHOGRAPHERS EQUI
Address: 1122 S ALVARADO ST
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0017399
Last Run Date: 06/01/2019
Status: INACTIVE

P70 NNE 1/4-1/2 0.257 mi. 1358 ft. | **FREMONT INDEMNITY BUILDING**
1709 008TH ST W
LOS ANGELES, CA 90057

CA LUST
CA HIST CORTESE
CA CERS

S101297430
N/A

Site 2 of 2 in cluster P

Relative: Higher

Actual: 296 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570089	
Status:	Case Closed	
Substance:	Hydrocarbons	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603701132	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	BEACON AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		8/28/1991
Date Leak Record Entered:	8/22/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		8/31/1993
Date the Case was Closed:		5/17/1993
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3184.6662094520579223829032941
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		8/28/1991
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		1/13/1992
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	FREMONT GENERAL CORP	
RP Address:	2020 SANTA MONICA BLVD, SANTA MONICA CA 90404	
Program:	LUST	
Lat/Long:	34.0529127 / -1	
Local Agency Staff:	PEJ	

FREMONT INDEMNITY BUILDING (Continued) **S101297430**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: ANOTHER CLOSURE LETTER ON 1/22/96 PER EH

LUST:
Name: FREMONT INDEMNITY BUILDING
Address: 1709 008TH ST W
City,State,Zip: LOS ANGELES, CA 90057
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701132
Global Id: T0603701132
Latitude: 34.0529127
Longitude: -118.273356
Status: Completed - Case Closed
Status Date: 05/17/1993
Case Worker: YR
RB Case Number: 900570089
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon
Site History: Not reported

LUST:
Global Id: T0603701132
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603701132
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603701132
Action Type: Other
Date: 08/28/1991
Action: Leak Reported

LUST:
Global Id: T0603701132
Status: Open - Case Begin Date

FREMONT INDEMNITY BUILDING (Continued) **S101297430**

Status Date: 08/28/1991

Global Id: T0603701132
Status: Open - Site Assessment
Status Date: 08/28/1991

Global Id: T0603701132
Status: Open - Remediation
Status Date: 01/13/1992

Global Id: T0603701132
Status: Completed - Case Closed
Status Date: 05/17/1993

HIST CORTESE:
edr_fname: FREMONT INDEMNITY BUILDIN
edr_fadd1: 1709 008TH
City,State,Zip: LOS ANGELES, CA 90057
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900570089

CERS:
Name: FREMONT INDEMNITY BUILDING
Address: 1709 008TH ST W
City,State,Zip: LOS ANGELES, CA 90057
Site ID: 257644
CERS ID: T0603701132
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

71 South 1/4-1/2 0.296 mi. 1563 ft.

DHHS/U.S.FOOD & DRUG ADMIN
1521 W. PICO BLVD
LOS ANGELES, CA 90015

SEMS-ARCHIVE
RCRA-SQG
FINDS
ECHO
NY MANIFEST

1000376472
CAD981428618

Relative: Lower

Actual: 226 ft.

SEMS Archive:

Site ID:	0908587
EPA ID:	CAD981428618
Cong District:	Not reported
FIPS Code:	06037
FF:	Y
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0908587
EPA ID:	CAD981428618
Site Name:	FOOD AND DRUG ADMINISTRATION-LOS ANGELES
NPL:	N
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1993-02-05 05:00:00
Finish Date:	1993-02-05 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0908587
EPA ID:	CAD981428618
Site Name:	FOOD AND DRUG ADMINISTRATION-LOS ANGELES
NPL:	N
FF:	Y
OU:	00
Action Code:	RX
Action Name:	FF PA
SEQ:	1
Start Date:	2008-04-18 04:00:00
Finish Date:	2008-04-29 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0908587
EPA ID:	CAD981428618
Site Name:	FOOD AND DRUG ADMINISTRATION-LOS ANGELES
NPL:	N
FF:	Y
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	2013-11-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

DHHS/U.S.FOOD & DRUG ADMIN (Continued) **1000376472**

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	DHHS/U.S.FOOD & DRUG ADMIN
Facility address:	1521 W. PICO BLVD LOS ANGELES, CA 90015
EPA ID:	CAD981428618
Mailing address:	W. PICO BLVD LOS ANGELES, CA 90015
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Federal
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ATKINSON GEORGE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

DHHS/U.S.FOOD & DRUG ADMIN (Continued) **1000376472**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 1994-07-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002702200

Environmental Interest/Information System
FEDERAL FACILITY HAZARDOUS WASTE DOCKET

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000376472
Registry ID: 110002702200
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002702200

NY MANIFEST:
Name: USFDA
Address: 1521 W. PICO BLVD
City,State,Zip: LOS ANGELES, CA 90015
Country: USA
EPA ID: CAD981428618
Facility Status: Not reported
Location Address 1: 1521 W PICO BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: LOS ANGELES
Location State: CA

DHHS/U.S.FOOD & DRUG ADMIN (Continued) **1000376472**

Location Zip:	90015
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	CAD981428618
Mailing Name:	USFDA
Mailing Contact:	ANDREW S LINISON
Mailing Address 1:	1521 W PICO BLVD
Mailing Address 2:	Not reported
Mailing City:	LOS ANGELES
Mailing State:	CA
Mailing Zip:	90015
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2132527592

NY MANIFEST:

Document ID:	NYC5731097
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	Not reported
Trans2 State ID:	71072NNY
Generator Ship Date:	03/27/2000
Trans1 Recv Date:	03/27/2000
Trans2 Recv Date:	04/05/2000
TSD Site Recv Date:	04/17/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	CAD981428618
Trans1 EPA ID:	SCR000074591
Trans2 EPA ID:	NYD982792814
TSDF ID 1:	NYD000632372
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00101
Units:	P - Pounds
Number of Containers:	001
Container Type:	CY - Cylinders
Handling Method:	B Incineration, heat recovery, burning.

DHHS/U.S.FOOD & DRUG ADMIN (Continued) **1000376472**

Specific Gravity: 01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

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72 ESE 1/4-1/2 0.302 mi. 1594 ft.

BELMONT PRIMARY CENTER NO. 11
950 SOUTH ALBANY STREET
LOS ANGELES, CA 90015

CA ENVIROSTOR **S105954501**
CA SCH **N/A**

Relative: Lower

Actual: 250 ft.

ENVIROSTOR:

Name:	BELMONT PRIMARY CENTER NO. 11
Address:	950 SOUTH ALBANY STREET
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	19590009
Status:	Certified
Status Date:	06/02/2003
Site Code:	304271
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	0.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.04808
Longitude:	-118.2708
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	BELMONT PRIMARY CENTER NO. 11
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033618137
Alias Type:	EPA (FRS #)
Alias Name:	304271
Alias Type:	Project Code (Site Code)
Alias Name:	19590009
Alias Type:	Envirostor ID Number

Completed Info:

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/21/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Date:	05/05/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/07/2003
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	BELMONT PRIMARY CENTER NO. 11
Address:	950 SOUTH ALBANY STREET
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	19590009
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304271
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	06/02/2003
Restricted Use:	NO
Funding:	School District
Latitude:	34.04808
Longitude:	-118.2708
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name
Alias Name:	BELMONT PRIMARY CENTER NO. 11
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT PRIMARY CENTER #11
Alias Type:	Alternate Name

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033618137
Alias Type: EPA (FRS #)
Alias Name: 304271
Alias Type: Project Code (Site Code)
Alias Name: 19590009
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/02/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/06/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 01/24/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 02/13/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 01/23/2003
Comments: Not reported

BELMONT PRIMARY CENTER NO. 11 (Continued) **S105954501**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	05/21/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	05/05/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/07/2003
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

73
SSW
1/4-1/2
0.305 mi.
1609 ft.

ARMORED TRANSPORT INC
1612 PICO BLVD
LOS ANGELES, CA 90015

CA LUST **S114458576**
CA CERS **N/A**

Relative:
Lower

Actual:
221 ft.

LUST:

Name:	ARMORED TRANSPORT INC
Address:	1612 PICO BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Lead Agency:	SWRCB
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000005398
Global Id:	T10000005398
Latitude:	34.0446718600489
Longitude:	-118.277524358475
Status:	Completed - Case Closed
Status Date:	08/23/2018
Case Worker:	MC
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	There is a State Water Board closure Order for this case issued 7/28/2015. The State Water Board needs confirmation that the corrective action wells and wastes have been removed from the site in order to close the case. Once confirmation has been received State Water Board can issue a Uniform Closure Letter and close the case.

ARMORED TRANSPORT INC (Continued) **S114458576**

Attempts to reach the RP have failed. gwl 4/14/2016.

LUST:

Global Id:	T10000005398
Contact Type:	Regional Board Caseworker
Contact Name:	MATTHEW COHEN
Organization Name:	SWRCB
Address:	1001 I Street
City:	SACRAMENTO
Email:	mcohen@waterboards.ca.gov
Phone Number:	9163415751

LUST:

Global Id:	T10000005398
Action Type:	ENFORCEMENT
Date:	08/16/2018
Action:	Site Visit / Inspection / Sampling
Global Id:	T10000005398
Action Type:	Other
Date:	08/16/1993
Action:	Leak Reported
Global Id:	T10000005398
Action Type:	ENFORCEMENT
Date:	08/23/2018
Action:	Closure/No Further Action Letter
Global Id:	T10000005398
Action Type:	RESPONSE
Date:	09/15/2014
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T10000005398
Action Type:	ENFORCEMENT
Date:	09/09/1993
Action:	Notice of Violation
Global Id:	T10000005398
Action Type:	ENFORCEMENT
Date:	02/27/2012
Action:	Notice of Violation
Global Id:	T10000005398
Action Type:	Other
Date:	01/01/1993
Action:	Leak Began
Global Id:	T10000005398
Action Type:	ENFORCEMENT
Date:	03/17/2015
Action:	Notification - Public Participation Document
Global Id:	T10000005398
Action Type:	ENFORCEMENT
Date:	07/28/2015
Action:	State Water Board Closure Order

ARMORED TRANSPORT INC (Continued) **S114458576**

Global Id: T10000005398
Action Type: Other
Date: 01/01/1993
Action: Leak Discovery

LUST:
Global Id: T10000005398
Status: Open - Case Begin Date
Status Date: 01/01/1993

Global Id: T10000005398
Status: Open - Site Assessment
Status Date: 08/16/1993

Global Id: T10000005398
Status: Open - Eligible for Closure
Status Date: 03/19/2015

Global Id: T10000005398
Status: Open - Eligible for Closure
Status Date: 07/28/2015

Global Id: T10000005398
Status: Completed - Case Closed
Status Date: 08/23/2018

CERS:
Name: ARMORED TRANSPORT INC
Address: 1612 PICO BLVD
City,State,Zip: LOS ANGELES, CA 90015
Site ID: 208755
CERS ID: T10000005398
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: MATTHEW COHEN - SWRCB
Entity Title: Not reported
Affiliation Address: 1001 I Street
Affiliation City: SACRAMENTO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9163415751

74
West
1/4-1/2
0.341 mi.
1800 ft.

THRIFTY STATION 281
1205 ALVARADO ST. S.
LOS ANGELES, CA 90006

CA LUST **S107863275**
CA CERS **N/A**

Relative:
Lower

Actual:
237 ft.

LUST:
Name: THRIFTY STATION 281
Address: 1205 ALVARADO ST. S.
City,State,Zip: LOS ANGELES, CA 90006

THRIFTY STATION 281 (Continued) **S107863275**

Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603730711
Global Id:	T0603730711
Latitude:	34.048485
Longitude:	-118.281901
Status:	Completed - Case Closed
Status Date:	12/06/2011
Case Worker:	JH
RB Case Number:	900060125
Local Agency:	LOS ANGELES, CITY OF
File Location:	Regional Board
Local Case Number:	9612
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603730711
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603730711
Contact Type:	Regional Board Caseworker
Contact Name:	JAY HUANG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 WEST 4TH STREET, SUITE 200
City:	LOS ANGELES
Email:	jhuang@waterboards.ca.gov
Phone Number:	2135766711

LUST:

Global Id:	T0603730711
Action Type:	Other
Date:	05/23/1997
Action:	Leak Discovery

Global Id:	T0603730711
Action Type:	RESPONSE
Date:	10/15/2006
Action:	Monitoring Report - Quarterly

Global Id:	T0603730711
Action Type:	RESPONSE
Date:	11/01/2006
Action:	Other Report / Document

Global Id:	T0603730711
Action Type:	RESPONSE
Date:	07/25/2011
Action:	Soil and Water Investigation Workplan

THRIFTY STATION 281 (Continued) **S107863275**

Global Id: T0603730711
Action Type: RESPONSE
Date: 10/15/2011
Action: Soil and Water Investigation Report

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603730711
Action Type: RESPONSE
Date: 05/27/2011
Action: Request for Closure

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 09/13/2006
Action: Staff Letter

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 11/05/2007
Action: Staff Letter

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 08/02/2011
Action: Staff Letter

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 12/06/2011
Action: Closure/No Further Action Letter

Global Id: T0603730711
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603730711
Action Type: REMEDIATION
Date: 01/22/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603730711
Action Type: REMEDIATION
Date: 03/15/2010
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603730711
Action Type: REMEDIATION

THRIFTY STATION 281 (Continued) **S107863275**

Date: 03/15/2010
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 01/22/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0603730711
Action Type: Other
Date: 02/20/2006
Action: Leak Reported

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 10/10/2008
Action: Staff Letter

Global Id: T0603730711
Action Type: RESPONSE
Date: 02/15/2008
Action: Other Report / Document

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/30/2009
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603730711
Action Type: RESPONSE
Date: 09/12/2008
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603730711
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

THRIFTY STATION 281 (Continued) **S107863275**

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 02/15/2008
Action: Well Installation Report

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 03/13/2009
Action: Staff Letter

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/15/2010
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2009
Action: Remedial Progress Report

Global Id: T0603730711
Action Type: RESPONSE
Date: 05/15/2009
Action: Well Installation Report

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603730711
Action Type: RESPONSE

THRIFTY STATION 281 (Continued) **S107863275**

Date: 02/04/2009
Action: Well Installation Workplan

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2010
Action: Remedial Progress Report

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603730711
Action Type: RESPONSE
Date: 03/20/2009
Action: Interim Remedial Action Plan

Global Id: T0603730711
Action Type: ENFORCEMENT
Date: 02/23/2010
Action: Staff Letter

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/15/2009
Action: Remedial Progress Report

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603730711
Action Type: RESPONSE
Date: 07/28/2010
Action: Interim Remedial Action Plan

Global Id: T0603730711
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0603730711
Status: Open - Case Begin Date
Status Date: 05/23/1997

Global Id: T0603730711
Status: Open - Site Assessment
Status Date: 02/01/2006

Global Id: T0603730711
Status: Open - Site Assessment
Status Date: 08/17/2007

Global Id: T0603730711

THRIFTY STATION 281 (Continued) **S107863275**

Status:	Open - Site Assessment
Status Date:	01/24/2008
Global Id:	T0603730711
Status:	Open - Remediation
Status Date:	10/10/2008
Global Id:	T0603730711
Status:	Completed - Case Closed
Status Date:	12/06/2011

CERS:

Name:	THRIFTY STATION 281
Address:	1205 ALVARADO ST. S.
City,State,Zip:	LOS ANGELES, CA 90006
Site ID:	188021
CERS ID:	T0603730711
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JAY HUANG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 WEST 4TH STREET, SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766711
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Q75 **MR. SIPPEE** **CA LUST** **U001560621**
SE **1045 BLAINE ST** **CA HIST UST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015** **CA CERS**
0.343 mi.
1813 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
239 ft.

LUST:

Name:	NASA OIL-BLAINE
Address:	1045 BLAINE ST.
City,State,Zip:	LOS ANGELES, CA 90015
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603741989
Global Id:	T0603741989
Latitude:	34.046239
Longitude:	-118.271135

MR. SIPPEE (Continued) **U001560621**

Status: Completed - Case Closed
Status Date: 11/16/2010
Case Worker: CET
RB Case Number: 900150116
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: 3021
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603741989
Contact Type: Regional Board Caseworker
Contact Name: CHANDRA TYLER
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: cetyler@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603741989
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 06/06/2006
Action: Staff Letter

Global Id: T0603741989
Action Type: Other
Date: 07/01/1999
Action: Leak Discovery

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 10/13/2010
Action: Notification - Preclosure

Global Id: T0603741989
Action Type: REMEDIATION
Date: 07/07/1999
Action: Excavation

Global Id: T0603741989
Action Type: Other
Date: 05/09/2006
Action: Leak Reported

Global Id: T0603741989

MR. SIPPEE (Continued) **U001560621**

Action Type: RESPONSE
Date: 08/05/2006
Action: Soil and Water Investigation Workplan

Global Id: T0603741989
Action Type: RESPONSE
Date: 08/05/2006
Action: Other Report / Document

Global Id: T0603741989
Action Type: RESPONSE
Date: 08/05/2006
Action: Monitoring Report - Quarterly

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603741989
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 11/16/2010
Action: Closure/No Further Action Letter

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 09/16/2009
Action: Staff Letter

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 10/28/2009
Action: Staff Letter

Global Id: T0603741989
Action Type: RESPONSE
Date: 01/15/2010
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603741989
Action Type: RESPONSE
Date: 12/15/2009
Action: Other Report / Document

Global Id: T0603741989
Action Type: RESPONSE
Date: 08/05/2006
Action: Interim Remedial Action Plan

Global Id: T0603741989
Action Type: RESPONSE
Date: 07/15/2010

MR. SIPPEE (Continued) **U001560621**

Action: Monitoring Report - Semi-Annually

Global Id: T0603741989
Action Type: RESPONSE
Date: 12/15/2009
Action: Other Report / Document

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 06/14/2010
Action: Staff Letter

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 08/20/2009
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603741989
Action Type: RESPONSE
Date: 08/17/2009
Action: Remedial Progress Report

Global Id: T0603741989
Action Type: RESPONSE
Date: 01/15/2010
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603741989
Action Type: ENFORCEMENT
Date: 07/23/2010
Action: Staff Letter

LUST:
Global Id: T0603741989
Status: Open - Case Begin Date
Status Date: 07/01/1999

Global Id: T0603741989
Status: Open - Remediation
Status Date: 07/01/1999

Global Id: T0603741989
Status: Open - Site Assessment
Status Date: 10/26/2006

Global Id: T0603741989
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/16/2009

Global Id: T0603741989
Status: Open - Remediation
Status Date: 06/14/2010

Global Id: T0603741989
Status: Completed - Case Closed
Status Date: 11/16/2010

MR. SIPPEE (Continued) **U001560621**

HIST UST:

Name:	MR. SIPPEE
Address:	1045 BLAINE ST
City,State,Zip:	LOS ANGELES, CA 90015
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000069266
Facility Type:	Gas Station
Other Type:	CONVENIENCE STORE
Contact Name:	SAM WONGTRAGOOL
Telephone:	2132271094
Owner Name:	NASA OIL CORPORATION
Owner Address:	2001 NORTH BROADWAY
Owner City,St,Zip:	LOS ANGELES, CA 90031
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	X
Leak Detection:	None
Tank Num:	002
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

CERS:

Name:	NASA OIL-BLAINE
Address:	1045 BLAINE ST.
City,State,Zip:	LOS ANGELES, CA 90015
Site ID:	235514
CERS ID:	T0603741989
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780

MR. SIPPEE (Continued) **U001560621**

Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CHANDRA TYLER - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Q76 **CHEVRON #9-0054** **CA LUST** **S102427059**
SE **1312 011TH ST W** **CA HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015** **CA CERS**
0.352 mi.
1858 ft. **Site 2 of 2 in cluster Q**

Relative:
Lower

Actual:
238 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900150061	
Status:	Leak being confirmed	
Substance:	1	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603700549	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	BLAINE	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/20/1994	
Date Leak First Reported:		9/21/1994
Date Leak Record Entered:	4/15/1996	
Date Confirmation Began:	9/21/1994	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/21/1994
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	ELDOSOKI, ELSAEID A	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3453.2002834577121548812518545
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported

CHEVRON #9-0054 (Continued) **S102427059**

Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CHEVRON USA PRODUCTS CO
RP Address:	P.O. BOX 2833 1300 BEACH BLVD LA HABRA CA 90632
Program:	LUST
Lat/Long:	34.0457901 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	3901254-001GEN
Summary:	TO BE DETERMINED PLUS UNLEADED TANK FAILED INTERGRITY TEST ABOVE PRODUCT. REPAIR AND RETEST AS NEEDED. OLD CASE #960415-07

LUST:

Name:	CHEVRON #9-0054
Address:	1312 011TH ST W
City,State,Zip:	LOS ANGELES, CA 90015
Lead Agency:	SWRCB
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700549
Global Id:	T0603700549
Latitude:	34.0457901
Longitude:	-118.2712368
Status:	Completed - Case Closed
Status Date:	01/28/2016
Case Worker:	MC
RB Case Number:	900150061
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	TT
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Aviation
Site History:	Not reported

LUST:

Global Id:	T0603700549
Contact Type:	Regional Board Caseworker
Contact Name:	MATTHEW COHEN
Organization Name:	SWRCB
Address:	1001 I Street
City:	SACRAMENTO
Email:	mcohen@waterboards.ca.gov
Phone Number:	9163415751

CHEVRON #9-0054 (Continued) **S102427059**

Global Id: T0603700549
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

Global Id: T0603700549
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0603700549
Action Type: ENFORCEMENT
Date: 01/28/2016
Action: Closure/No Further Action Letter - #01/28/2016

Global Id: T0603700549
Action Type: Other
Date: 09/20/1994
Action: Leak Discovery

Global Id: T0603700549
Action Type: ENFORCEMENT
Date: 11/16/2015
Action: State Water Board Closure Order

Global Id: T0603700549
Action Type: ENFORCEMENT
Date: 01/12/2016
Action: State Water Board Closure Order

Global Id: T0603700549
Action Type: Other
Date: 09/21/1994
Action: Leak Reported

Global Id: T0603700549
Action Type: ENFORCEMENT
Date: 07/14/1999
Action: Technical Correspondence / Assistance / Other

Global Id: T0603700549
Action Type: RESPONSE
Date: 10/21/1988
Action: Well Installation Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 01/22/1997

CHEVRON #9-0054 (Continued) **S102427059**

Action: Tank Removal Report / UST Sampling Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 09/13/1999
Action: Correspondence

Global Id: T0603700549
Action Type: RESPONSE
Date: 02/06/1968
Action: Other Report / Document

Global Id: T0603700549
Action Type: RESPONSE
Date: 09/29/1999
Action: Well Destruction Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 04/20/1999
Action: Soil and Water Investigation Workplan

Global Id: T0603700549
Action Type: RESPONSE
Date: 07/25/1990
Action: Soil and Water Investigation Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 11/07/1990
Action: Soil and Water Investigation Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 07/25/1990
Action: Soil and Water Investigation Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 04/15/1990
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603700549
Action Type: RESPONSE
Date: 02/14/1992
Action: Soil and Water Investigation Report

Global Id: T0603700549
Action Type: RESPONSE
Date: 01/22/1997
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603700549
Action Type: ENFORCEMENT
Date: 04/16/2015
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

CHEVRON #9-0054 (Continued) **S102427059**

Global Id:	T0603700549
Action Type:	ENFORCEMENT
Date:	05/07/2015
Action:	Notification - Public Notice of Case Closure

LUST:

Global Id:	T0603700549
Status:	Open - Case Begin Date
Status Date:	09/20/1994
Global Id:	T0603700549
Status:	Open - Site Assessment
Status Date:	09/21/1994
Global Id:	T0603700549
Status:	Open - Site Assessment
Status Date:	07/14/1999
Global Id:	T0603700549
Status:	Open - Verification Monitoring
Status Date:	09/29/1999
Global Id:	T0603700549
Status:	Open - Eligible for Closure
Status Date:	01/02/2014
Global Id:	T0603700549
Status:	Completed - Case Closed
Status Date:	01/28/2016

HIST CORTESE:

edr_fname:	CHEVRON #9-0054
edr_fadd1:	1312 011TH
City,State,Zip:	LOS ANGELES, CA 90015
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900150061

CERS:

Name:	CHEVRON #9-0054
Address:	1312 011TH ST W
City,State,Zip:	LOS ANGELES, CA 90015
Site ID:	230294
CERS ID:	T0603700549
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TBD - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 N. MAIN ST. RM. 970
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported

CHEVRON #9-0054 (Continued) **S102427059**

Affiliation Zip:	Not reported
Affiliation Phone:	2134826528
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MATTHEW COHEN - SWRCB
Entity Title:	Not reported
Affiliation Address:	1001 I Street
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9163415751
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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77 NNW 1/4-1/2 0.352 mi. 1859 ft. **UNOCAL (FORMER)** **CA LUST** **S106517268**
801-807 ALVARADO ST S **CA ENF** **N/A**
LOS ANGELES, CA 90057 **CA CERS**

Relative: Higher
Actual: 276 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570161	
Status:	Preliminary site assessment workplan submitted	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603701138	
W Global ID:	W0607701254	
Staff:	TCS	
Local Agency:	19050	
Cross Street:	8TH ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/17/1999
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		10/11/2001
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	

UNOCAL (FORMER) (Continued) **S106517268**

Operator: Not reported
Water System: UNOCAL - JIM SCOTT
Well Name: Not reported
Approx. Dist To Production Well (ft): 4671.0657992892545659983198785
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: 10/4/2000
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: 2.1
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: C/O MR. PRESTON BROOKS
RP Address: 11440 SAN VICENTE BLVD., STE. 200
Program: LUST
Lat/Long: 34.0547896 / -1
Local Agency Staff: PEJ
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: MUST REQUEST UST UNAUTHORIZED RELEASE REPORT;

LUST:
Name: UNOCAL (FORMER)
Address: 801-807 ALVARADO ST S
City,State,Zip: LOS ANGELES, CA 90057
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701138
Global Id: T0603701138
Latitude: 34.0547896
Longitude: -118.2779981
Status: Completed - Case Closed
Status Date: 08/25/2010
Case Worker: DMB
RB Case Number: 900570161
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603701138
Contact Type: Regional Board Caseworker
Contact Name: DAVID M. BJOSTAD

UNOCAL (FORMER) (Continued) **S106517268**

Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: Los Angeles
Email: dave.bjostad@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603701138
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

LUST:
Global Id: T0603701138
Action Type: ENFORCEMENT
Date: 08/06/2010
Action: Notification - Preclosure

Global Id: T0603701138
Action Type: ENFORCEMENT
Date: 08/25/2010
Action: Closure/No Further Action Letter

Global Id: T0603701138
Action Type: Other
Date: 12/17/1999
Action: Leak Reported

Global Id: T0603701138
Action Type: ENFORCEMENT
Date: 09/16/2008
Action: Notice to Comply

Global Id: T0603701138
Action Type: ENFORCEMENT
Date: 01/27/2009
Action: Technical Correspondence / Assistance / Other

LUST:
Global Id: T0603701138
Status: Open - Case Begin Date
Status Date: 12/17/1999

Global Id: T0603701138
Status: Open - Site Assessment
Status Date: 10/04/2000

Global Id: T0603701138
Status: Completed - Case Closed
Status Date: 08/25/2010

UNOCAL (FORMER) (Continued) **S106517268**

ENF:

Name:	UNOCAL (FORMER)
Address:	801-807 ALVARADO ST S
City,State,Zip:	LOS ANGELES, CA 90057
Region:	4
Facility Id:	269257
Agency Name:	Unocal Corporation Los Angeles
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	900570161
Reg Measure Id:	168685
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported

UNOCAL (FORMER) (Continued) **S106517268**

WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230304
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	07/21/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	10/4/2000
Termination Date:	07/21/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 900570161
Description:	Level 1 enforcement letter sent 7/21/00 for FTS fee title holder information.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	UNOCAL (FORMER)
Address:	801-807 ALVARADO ST S
City,State,Zip:	LOS ANGELES, CA 90057
Site ID:	259370
CERS ID:	T0603701138
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DAVID M. BJOSTAD - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported

UNOCAL (FORMER) (Continued) **S106517268**

Affiliation Address: 320 W. 4th Street, Suite 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

78
ESE
1/4-1/2
0.359 mi.
1896 ft.

BELMONT NEW PRIMARY CENTER NO. 11B
927-937 BLAINE STREET
LOS ANGELES, CA 90015

CA ENVIROSTOR **S105628546**
CA SCH **N/A**

Relative:
Higher

Actual:
254 ft.

ENVIROSTOR:
Name: BELMONT NEW PRIMARY CENTER NO. 11B
Address: 927-937 BLAINE STREET
City,State,Zip: LOS ANGELES, CA 90015
Facility ID: 19750090
Status: Inactive - Needs Evaluation
Status Date: 09/29/2005
Site Code: 304339
Site Type: School Investigation
Site Type Detailed: School
Acres: 0.39
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.04769
Longitude: -118.2698
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: Lead
Confirmed COC: 30013-NO
Potential Description: NONE SPECIFIED
Alias Name: BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type: Alternate Name
Alias Name: LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304339
Alias Type: Project Code (Site Code)
Alias Name: 19750090
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/18/2002
Comments:	The project was completed in September 2005.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	10/22/2001
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	BELMONT NEW PRIMARY CENTER NO. 11B
Address:	927-937 BLAINE STREET
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	19750090
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.39
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304339
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	09/29/2005
Restricted Use:	NO
Funding:	School District
Latitude:	34.04769
Longitude:	-118.2698
APN:	NONE SPECIFIED
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Lead
Confirmed COC:	30013-NO

BELMONT NEW PRIMARY CENTER NO. 11B (Continued) **S105628546**

Potential Description:	NONE SPECIFIED
Alias Name:	BELMONT NEW PRIMARY CENTER NO. 11B (EXP)
Alias Type:	Alternate Name
Alias Name:	LAUSD-BELMONT NEW PRIMARY CENTER # 11 B
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304339
Alias Type:	Project Code (Site Code)
Alias Name:	19750090
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/18/2002
Comments:	The project was completed in September 2005.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	10/22/2001
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

R79 **LA FIRST CHOICE COLLISION CENTER** **CA LUST** **S109604511**
NE **1546 7TH ST W** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.373 mi.
1971 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
305 ft.

LUST:

Name:	LA FIRST CHOICE COLLISION CENTER
Address:	1546 7TH ST W
City,State,Zip:	LOS ANGELES, CA 90017
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000001016
Global Id:	T10000001016
Latitude:	34.053377
Longitude:	-118.270992
Status:	Completed - Case Closed

LA FIRST CHOICE COLLISION CENTER (Continued) **S109604511**

Status Date: 01/07/2011
Case Worker: MT
RB Case Number: 900170225
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: 35065
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T10000001016
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T10000001016
Contact Type: Regional Board Caseworker
Contact Name: MARYAM TAIDY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: maryam.taidy@waterboards.ca.gov
Phone Number: 2135766741

LUST:
Global Id: T10000001016
Action Type: Other
Date: 06/05/2008
Action: Leak Discovery

Global Id: T10000001016
Action Type: ENFORCEMENT
Date: 01/07/2011
Action: Closure/No Further Action Letter

Global Id: T10000001016
Action Type: Other
Date: 06/05/2008
Action: Leak Stopped

Global Id: T10000001016
Action Type: ENFORCEMENT
Date: 06/11/2009
Action: Staff Letter

Global Id: T10000001016
Action Type: Other
Date: 03/26/2009
Action: Leak Reported

Global Id: T10000001016
Action Type: RESPONSE

LA FIRST CHOICE COLLISION CENTER (Continued) **S109604511**

Date:	07/31/2009
Action:	Other Report / Document
Global Id:	T10000001016
Action Type:	Other
Date:	06/05/2008
Action:	Leak Began

LUST:

Global Id:	T10000001016
Status:	Open - Case Begin Date
Status Date:	06/05/2008
Global Id:	T10000001016
Status:	Open - Referred
Status Date:	03/24/2009
Global Id:	T10000001016
Status:	Open - Site Assessment
Status Date:	06/11/2009
Global Id:	T10000001016
Status:	Completed - Case Closed
Status Date:	01/07/2011

80
NNE
1/4-1/2
0.394 mi.
2082 ft.

LA CITY FIRE STATION #11
1819 7TH ST W
LOS ANGELES, CA 90057

CA LUST **S104773301**
CA CERS **N/A**

Relative:
Higher

Actual:
288 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570170	
Status:	Leak being confirmed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603792891	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	S. ALVARADO ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	3/30/2000	
Date Leak First Reported:		8/15/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	8/15/2000	
Date Leak Stopped:	5/12/2000	
Date Case Last Changed on Database:		8/15/2000
Date the Case was Closed:		Not reported
How Leak Discovered:	Repair Tank	

LA CITY FIRE STATION #11 (Continued) **S104773301**

How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	CITY OF LOS ANGELES
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	3453.933824746202043714968783 5
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	CITY OF LOS ANGELES
RP Address:	419 S. SPRING ST., LOS ANGELES, CA 90013
Program:	LUST
Lat/Long:	34.055157 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

LUST:

Name:	LA CITY FIRE STATION #11
Address:	1819 7TH ST W
City,State,Zip:	LOS ANGELES, CA 90057
Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603792891
Global Id:	T0603792891
Latitude:	34.055157
Longitude:	-118.273719
Status:	Completed - Case Closed
Status Date:	05/30/2003
Case Worker:	EL
RB Case Number:	900570170
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

LA CITY FIRE STATION #11 (Continued) **S104773301**

Global Id:	T0603792891
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id:	T0603792891
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603792891
Action Type:	Other
Date:	03/30/2000
Action:	Leak Discovery

Global Id:	T0603792891
Action Type:	Other
Date:	05/12/2000
Action:	Leak Stopped

Global Id:	T0603792891
Action Type:	Other
Date:	08/15/2000
Action:	Leak Reported

LUST:

Global Id:	T0603792891
Status:	Open - Case Begin Date
Status Date:	03/30/2000

Global Id:	T0603792891
Status:	Open - Site Assessment
Status Date:	08/15/2000

Global Id:	T0603792891
Status:	Completed - Case Closed
Status Date:	05/30/2003

CERS:

Name:	LA CITY FIRE STATION #11
Address:	1819 7TH ST W
City,State,Zip:	LOS ANGELES, CA 90057
Site ID:	236636
CERS ID:	T0603792891
CERS Description:	Leaking Underground Storage Tank Cleanup Site

LA CITY FIRE STATION #11 (Continued) **S104773301**

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

R81 **SHELL #204-4532-0102** **CA LUST** **S101297429**
NE **1551 007TH ST W** **CA HIST CORTESE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017** **CA CERS**
0.408 mi.
2153 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
306 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900170116	
Status:	Pollution Characterization	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		CBCDFP
Global ID:	T0603700591	
W Global ID:	W0607701254	
Staff:	AT	
Local Agency:	19050	
Cross Street:	UNION AVE	
Enforcement Type:	DLSEL	
Date Leak Discovered:	5/15/1989	
Date Leak First Reported:		5/15/1989
Date Leak Record Entered:	12/11/1991	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		9/24/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	BAZARGANAN, FAZLOLLAH	

SHELL #204-4532-0102 (Continued) **S101297429**

Water System: UNOCAL - JIM SCOTT
Well Name: Not reported
Approx. Dist To Production Well (ft): 2256.2963262040012183130683681
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: 5/15/1991
Pollution Characterization Began: 1/15/2004
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: 10/31/2002
Hist Max MTBE Conc in Groundwater: 110000
Hist Max MTBE Conc in Soil: 20000
Significant Interim Remedial Action Taken: Yes
GW Qualifier: =
Soil Qualifier: =
Organization: Not reported
Owner Contact: Not reported
Responsible Party: LYNLEIGH LOWRY
RP Address: CARTON TERMINAL P.O. BOX 6249
Program: LUST
Lat/Long: 34.0534927 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: FP IN MW-2,3. ONLY SAMPLED MW-1,4. B IS CONSTANT. 12/12/97-ENF. LEVEL 1; 10/6/00 3RD QTR GW MON RPT 2000; 2/28/01 ADD'L SITE ASSESSMENT RPT; 3/28/01 INTERIM RAP

LUST:
Name: SHELL #204-4532-0102
Address: 1551 007TH ST W
City,State,Zip: LOS ANGELES, CA 90017
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700591
Global Id: T0603700591
Latitude: 34.0534927
Longitude: -118.2701559
Status: Completed - Case Closed
Status Date: 07/17/2018
Case Worker: MT
RB Case Number: 900170116
Local Agency: LOS ANGELES, CITY OF
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700591
Contact Type: Regional Board Caseworker

SHELL #204-4532-0102 (Continued) **S101297429**

Contact Name: MARYAM TAIDY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: maryam.taidy@waterboards.ca.gov
Phone Number: 2135766741

Global Id: T0603700591
Contact Type: Local Agency Caseworker
Contact Name: TBD
Organization Name: LOS ANGELES, CITY OF
Address: 200 N. MAIN ST. RM. 970
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826528

LUST:

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 07/26/2016
Action: Notice of Violation

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2004
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2005
Action: Well Installation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2005
Action: Sensitive Receptor Survey Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2005
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/14/2011
Action: Well Installation Workplan

SHELL #204-4532-0102 (Continued) **S101297429**

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2011
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2015
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/05/2016
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2017
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2018
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/12/2018
Action: Well Destruction Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2004
Action: Well Installation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/18/2005
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 09/12/2011
Action: Well Installation Report

Global Id: T0603700591
Action Type: RESPONSE

SHELL #204-4532-0102 (Continued) **S101297429**

Date: 01/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2012
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2017
Action: CAP/RAP - Other Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 03/15/2013
Action: Request for Closure - Regulator Responded

Global Id: T0603700591
Action Type: RESPONSE
Date: 09/23/2014
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/01/2015
Action: Request for Closure - Regulator Responded

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/01/2015
Action: Request for Closure - Regulator Responded

Global Id: T0603700591
Action Type: REMEDIATION
Date: 05/01/2002
Action: Excavation

Global Id: T0603700591
Action Type: REMEDIATION
Date: 11/05/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0603700591
Action Type: REMEDIATION
Date: 12/15/2004
Action: Other (Use Description Field)

Global Id: T0603700591
Action Type: REMEDIATION
Date: 07/01/1994
Action: Free Product Removal

Global Id: T0603700591
Action Type: REMEDIATION
Date: 12/01/2016
Action: Other (Use Description Field)

SHELL #204-4532-0102 (Continued) **S101297429**

Global Id: T0603700591
Action Type: Other
Date: 05/15/1989
Action: Leak Reported

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2012
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 07/17/2018
Action: Closure/No Further Action Letter

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE

SHELL #204-4532-0102 (Continued) **S101297429**

Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2007
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2008
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2012
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2013
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 01/12/2018
Action: Staff Letter

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2009
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

SHELL #204-4532-0102 (Continued) **S101297429**

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/06/2014
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2014
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2015
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 11/16/2017
Action: Notification - Preclosure

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2008
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2010
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE

SHELL #204-4532-0102 (Continued) **S101297429**

Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/21/2010
Action: Soil and Water Investigation Workplan

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 07/15/2002
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 09/17/2002
Action: 13267 Requirement

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 11/25/2003
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 07/12/2002
Action: File review

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 02/17/2010
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 10/25/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 07/20/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2009
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2009
Action: Conceptual Site Model

SHELL #204-4532-0102 (Continued) **S101297429**

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2008
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2008
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2009
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 05/17/2010
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2010
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2010
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: ENFORCEMENT

SHELL #204-4532-0102 (Continued) **S101297429**

Date: 10/15/2014
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 06/08/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603700591
Action Type: RESPONSE
Date: 08/15/2002
Action: Other Report / Document

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 12/16/2002
Action: Sensitive Receptor Survey Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2004
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 09/10/2004
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 03/07/2014
Action: Staff Letter

SHELL #204-4532-0102 (Continued) **S101297429**

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 09/23/2016
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 01/04/2016
Action: Staff Letter

Global Id: T0603700591
Action Type: ENFORCEMENT
Date: 06/06/2016
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603700591
Action Type: Other
Date: 05/15/1989
Action: Leak Discovery

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE

SHELL #204-4532-0102 (Continued) **S101297429**

Date: 01/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2010
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/10/2011
Action: Conceptual Site Model

Global Id: T0603700591
Action Type: RESPONSE
Date: 10/15/2015
Action: Monitoring Report - Quarterly

Global Id: T0603700591
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0603700591
Status: Open - Case Begin Date
Status Date: 05/15/1989

Global Id: T0603700591
Status: Open - Site Assessment
Status Date: 05/15/1991

Global Id: T0603700591
Status: Open - Site Assessment
Status Date: 01/05/2001

Global Id: T0603700591
Status: Open - Remediation
Status Date: 01/15/2004

Global Id: T0603700591
Status: Open - Site Assessment

SHELL #204-4532-0102 (Continued) **S101297429**

Status Date: 01/15/2004

Global Id: T0603700591
Status: Open - Remediation
Status Date: 02/17/2010

Global Id: T0603700591
Status: Completed - Case Closed
Status Date: 07/17/2018

HIST CORTESE:
edr_fname: SHELL #204-4532-0102
edr_fadd1: 1551 007TH
City,State,Zip: LOS ANGELES, CA 90017
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900170116

CERS:
Name: SHELL #204-4532-0102
Address: 1551 007TH ST W
City,State,Zip: LOS ANGELES, CA 90017
Site ID: 204460
CERS ID: T0603700591
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: MARYAM TAIDY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766741

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TBD - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 N. MAIN ST. RM. 970
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2134826528

82
NE
1/4-1/2
0.411 mi.
2172 ft.

SHELL #204-4532-0102
1550 007TH
LOS ANGELES, CA 90057

CA HIST CORTESE

S102437025
N/A

Relative:
Higher

Actual:
305 ft.

HIST CORTESE:

edr_fname:	SHELL #204-4532-0102
edr_fadd1:	1550 007TH
City,State,Zip:	LOS ANGELES, CA 90057
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900170189

S83
WNW
1/4-1/2
0.421 mi.
2222 ft.

API ALARM SYSTEMS
2323 OLYMPIC BLVD W
LOS ANGELES, CA 90006

Site 1 of 2 in cluster S

CA LUST
CA CERS HAZ WASTE
CA SWEEPS UST
CA FID UST
CA HAZNET
CA HAZMAT
CA CERS

S101582712
N/A

Relative:
Higher

Actual:
255 ft.

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	900060034
Status:	Case Closed
Substance:	Gasoline
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Soil
Abatement Method Used at the Site:	Not reported
Global ID:	T0603700472
W Global ID:	W0607701254
Staff:	UNK
Local Agency:	19050
Cross Street:	GRANDVIEW
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	11/30/1985
Date Leak Record Entered:	12/31/1986
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	9/21/1988
Date the Case was Closed:	10/25/1990
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	Not reported
Water System:	UNOCAL - JIM SCOTT
Well Name:	Not reported
Approx. Dist To Production Well (ft):	5948.2398240245597219102438437
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	6/16/1988
Remediation Plan Submitted:	Not reported

API ALARM SYSTEMS (Continued) **S101582712**

Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.0522986 / -1
Local Agency Staff:	PEJ
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	3901254-001GEN
Summary:	JDC WAS HANDLING.--BOARD STAFF COMMENTS SENT TO LAFD. LOOK AT THE FILE ON 7750 BURNET ST., VAN NUYS THAT IS ASSIGNED TO AGH

LUST:

Name:	API ALARM SYSTEMS
Address:	2323 OLYMPIC BLVD W
City,State,Zip:	LOS ANGELES, CA 90006
Lead Agency:	LOS ANGELES, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700472
Global Id:	T0603700472
Latitude:	34.0522901
Longitude:	-118.282593
Status:	Completed - Case Closed
Status Date:	10/25/1990
Case Worker:	EL
RB Case Number:	900060034
Local Agency:	LOS ANGELES, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603700472
Contact Type:	Local Agency Caseworker
Contact Name:	ELOY LUNA
Organization Name:	LOS ANGELES, CITY OF
Address:	200 North Main Street, Suite 1780
City:	LOS ANGELES
Email:	eloy.luna@lacity.org
Phone Number:	Not reported

Global Id: T0603700472

API ALARM SYSTEMS (Continued) **S101582712**

Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700472
Action Type: Other
Date: 11/30/1985
Action: Leak Reported

LUST:
Global Id: T0603700472
Status: Open - Case Begin Date
Status Date: 11/30/1985

Global Id: T0603700472
Status: Open - Site Assessment
Status Date: 06/16/1988

Global Id: T0603700472
Status: Completed - Case Closed
Status Date: 10/25/1990

CERS HAZ WASTE:
Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 416583
CERS ID: 10685200
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: API ALARM SYSTEMS INC
Address: 2323 W OLYMPIC BLVD
City: LOS ANGELES
Status: Not reported
Comp Number: 6210
Number: Not reported
Board Of Equalization: 44-013240
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-006210-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED

API ALARM SYSTEMS (Continued) **S101582712**

Number Of Tanks: 2

Name: API ALARM SYSTEMS INC
Address: 2323 W OLYMPIC BLVD
City: LOS ANGELES
Status: Not reported
Comp Number: 6210
Number: Not reported
Board Of Equalization: 44-013240
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-050-006210-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19001158
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2134870600
Mail To: Not reported
Mailing Address: 8550 HIGUERA ST
Mailing Address 2: Not reported
Mailing City,St,Zip: LOS ANGELES 900060000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

HAZNET:
Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Year: 2017
GEPAID: CAL000388928
Contact: PATTY RODRIGUEZ
Telephone: 7146877047
Mailing Name: Not reported
Mailing Address: 1201 N MAGNOLIA AVE
Mailing City,St,Zip: ANAHEIM, CA 928010000
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Tons: 0.022

API ALARM SYSTEMS (Continued) **S101582712**

CA Waste Code: 122-Alkaline solution without metals pH >= 12.5
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Year: 2017
GEPAID: CAL000388928
Contact: PATTY RODRIGUEZ
Telephone: 7146877047
Mailing Name: Not reported
Mailing Address: 1201 N MAGNOLIA AVE
Mailing City,St,Zip: ANAHEIM, CA 928010000
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Tons: 0.0035
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Year: 2016
GEPAID: CAL000388928
Contact: PATTY RODRIGUEZ
Telephone: 7146877047
Mailing Name: Not reported
Mailing Address: 1201 N MAGNOLIA AVE
Mailing City,St,Zip: ANAHEIM, CA 928010000
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Tons: 0.0095
CA Waste Code: 214-Unspecified solvent mixture
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Year: 2016
GEPAID: CAL000388928
Contact: PATTY RODRIGUEZ
Telephone: 7146877047
Mailing Name: Not reported
Mailing Address: 1201 N MAGNOLIA AVE
Mailing City,St,Zip: ANAHEIM, CA 928010000
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Tons: 0.0005

API ALARM SYSTEMS (Continued) **S101582712**

CA Waste Code: 181-Other inorganic solid waste
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Year: 2016
GEPAID: CAL000388928
Contact: PATTY RODRIGUEZ
Telephone: 7146877047
Mailing Name: Not reported
Mailing Address: 1201 N MAGNOLIA AVE
Mailing City,St,Zip: ANAHEIM, CA 928010000
Gen County: Los Angeles
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Tons: 0.0005
CA Waste Code: 122-Alkaline solution without metals pH >= 12.5
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES HM:
Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0038935
Last Run Date: 06/01/2019
Status: ACTIVE

Name: API ALARM SYSTEMS
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0015207
Last Run Date: 06/01/2019
Status: INACTIVE

CERS:
Name: API ALARM SYSTEMS
Address: 2323 OLYMPIC BLVD W
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 228076
CERS ID: T0603700472
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA

API ALARM SYSTEMS (Continued) **S101582712**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: NORTHGATE MARKET #33
Address: 2323 W OLYMPIC BLVD
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 416583
CERS ID: 10685200
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 416583
Site Name: NORTHGATE MARKET #33
Violation Date: 06-25-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/13/2015. OBSERVATION: Observed six containers designated for storing hazardous waste labeled "toxic", "flammable", "universal waste", "corrosive-base", "corrosive-acid", and "oxidizer" but missing other labeling requirements. All hazardous waste containers shall be marked with the following information: 1) the words ?Hazardous Waste?; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: David Reyes
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown

API ALARM SYSTEMS (Continued) **S101582712**

Eval Date:	08-03-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Violation abated based on photo of labeled containers.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-20-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent given by Rosa Venegas, Front End Manager
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Northgate Gonzalez, LLC
Entity Title:	Not reported
Affiliation Address:	1201 N. Magnolia Ave
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92801
Affiliation Phone:	(714) 687-7054

Affiliation Type Desc:	Identification Signer
Entity Name:	Patty Rodriguez
Entity Title:	Enterprise Risk Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Northgate Market #33
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(213) 249-9173

Affiliation Type Desc:	Parent Corporation
Entity Name:	Northgate Gonzalez, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

API ALARM SYSTEMS (Continued) **S101582712**

Affiliation Type Desc:	Property Owner
Entity Name:	Northgate Gonzalez, LLC
Entity Title:	Not reported
Affiliation Address:	1201 N. Magnolia Ave
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92801
Affiliation Phone:	(714) 778-3784

Affiliation Type Desc:	Environmental Contact
Entity Name:	Teresa Jimenez
Entity Title:	Not reported
Affiliation Address:	1201 N. Magnolia Ave
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92801
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Document Preparer
Entity Name:	Patty Rodriguez
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1201 N. Magnolia Ave
Affiliation City:	Anaheim
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92801
Affiliation Phone:	Not reported

S84 WNW 1/4-1/2 0.421 mi. 2222 ft. | **API ALARM SYSTEMS** | **CA HIST CORTESE** | **S101297194** | **N/A**
2323 OLYMPIC
LOS ANGELES, CA 90006

Site 2 of 2 in cluster S

Relative: Higher
Actual: 255 ft.

HIST CORTESE:

edr_fname:	API ALARM SYSTEMS
edr_fadd1:	2323 OLYMPIC
City,State,Zip:	LOS ANGELES, CA 90006
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900060034

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85 NE 1/4-1/2 0.423 mi. 2236 ft. | **BELMONT NEW ELEMENTARY SC** | **CA ENVIROSTOR** | **S105024642**
680 LITTLE | **CA SCH** | **N/A**
LOS ANGELES, CA 90017 | **CA HIST CORTESE**
CA CERS

Relative: Higher
Actual: 309 ft.

ENVIROSTOR:

Name:	BELMONT NEW ELEMENTARY SCHOOL #3
Address:	680 LITTLE ST
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	19750071
Status:	Certified
Status Date:	03/30/1993
Site Code:	Not reported
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	10
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05442
Longitude:	-118.2716
APN:	5142-012-900, 5142-012-901, 5142-012-902, 5142-012-903, 5142-012-904, 5142-012-905, 5142-012-906, 5142-012-907, 5142-012-908, 5142-012-909, 5142-012-910, 5142-013-900, 5142-013-901, 5142-013-902, 5142-013-903, 5142-013-904, 5142-013-905, 5142-013-906, 5142-013-907, 5142-013-908, 5142-013-909, 5142-013-910, 5142-013-911, 5142-013-912, 5142-013-914, 5142-013-915, 5142-013-916, 5142012900, 5142012901, 5142012902, 5142012903, 5142012904, 5142012905, 5142012906, 5142012907, 5142012908, 5142012909, 5142012910, 5142013900, 5142013901, 5142013902, 5142013903, 5142013904, 5142013905, 5142013906, 5142013907, 5142013908, 5142013909, 5142013910, 5142013911, 5142013912, 5142013914, 5142013915, 5142013916
Past Use:	NONE SPECIFIED
Potential COC:	Arsenic Lead TPH-diesel TPH-MOTOR OIL Cadmium and compounds Chromium III

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

Confirmed COC: Arsenic Lead TPH-diesel Cadmium and compounds Chromium III TPH-MOTOR OIL
Potential Description: SOIL
Alias Name: 5142-012-900
Alias Type: APN
Alias Name: 5142-012-901
Alias Type: APN
Alias Name: 5142-012-902
Alias Type: APN
Alias Name: 5142-012-903
Alias Type: APN
Alias Name: 5142-012-904
Alias Type: APN
Alias Name: 5142-012-905
Alias Type: APN
Alias Name: 5142-012-906
Alias Type: APN
Alias Name: 5142-012-907
Alias Type: APN
Alias Name: 5142-012-908
Alias Type: APN
Alias Name: 5142-012-909
Alias Type: APN
Alias Name: 5142-012-910
Alias Type: APN
Alias Name: 5142-013-900
Alias Type: APN
Alias Name: 5142-013-901
Alias Type: APN
Alias Name: 5142-013-902
Alias Type: APN
Alias Name: 5142-013-903
Alias Type: APN
Alias Name: 5142-013-904
Alias Type: APN
Alias Name: 5142-013-905
Alias Type: APN
Alias Name: 5142-013-906
Alias Type: APN
Alias Name: 5142-013-907
Alias Type: APN
Alias Name: 5142-013-908
Alias Type: APN
Alias Name: 5142-013-909
Alias Type: APN
Alias Name: 5142-013-910
Alias Type: APN
Alias Name: 5142-013-911
Alias Type: APN
Alias Name: 5142-013-912
Alias Type: APN
Alias Name: 5142-013-914
Alias Type: APN
Alias Name: 5142-013-915
Alias Type: APN
Alias Name: 5142-013-916
Alias Type: APN

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

Alias Name:	5142012900
Alias Type:	APN
Alias Name:	5142012901
Alias Type:	APN
Alias Name:	5142012902
Alias Type:	APN
Alias Name:	5142012903
Alias Type:	APN
Alias Name:	5142012904
Alias Type:	APN
Alias Name:	5142012905
Alias Type:	APN
Alias Name:	5142012906
Alias Type:	APN
Alias Name:	5142012907
Alias Type:	APN
Alias Name:	5142012908
Alias Type:	APN
Alias Name:	5142012909
Alias Type:	APN
Alias Name:	5142012910
Alias Type:	APN
Alias Name:	5142013900
Alias Type:	APN
Alias Name:	5142013901
Alias Type:	APN
Alias Name:	5142013902
Alias Type:	APN
Alias Name:	5142013903
Alias Type:	APN
Alias Name:	5142013904
Alias Type:	APN
Alias Name:	5142013905
Alias Type:	APN
Alias Name:	5142013906
Alias Type:	APN
Alias Name:	5142013907
Alias Type:	APN
Alias Name:	5142013908
Alias Type:	APN
Alias Name:	5142013909
Alias Type:	APN
Alias Name:	5142013910
Alias Type:	APN
Alias Name:	5142013911
Alias Type:	APN
Alias Name:	5142013912
Alias Type:	APN
Alias Name:	5142013914
Alias Type:	APN
Alias Name:	5142013915
Alias Type:	APN
Alias Name:	5142013916
Alias Type:	APN
Alias Name:	110013305324
Alias Type:	EPA (FRS #)
Alias Name:	110033618128

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

Alias Type: EPA (FRS #)
Alias Name: 19750071
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/12/1992
Comments: SMALL CERTIFICATION: On February 12, 1993, the Department enetered into an En- forceable agreement with the LAUSD, for the oversight of a removal action for remdiation of Parcel 10831. The re- moval action consisted of the excavation and off-site disposal of 122 tons of soil contaminated with volotile organic hydrocarbons, petroleum hydorcarbons, and heavy metals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/22/1990
Comments: Facility identified LA Unified School District submitted a Phase 2 Site Investigation Report to the Dept. for review. Sample Results: TPHC up to 21700 mg/kg.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/21/1991
Comments: PEA submitted and reviewed. Further activity is suggested and concurred with by the Department of Toxics Substances Control. Lead agency will be DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/28/1991
Comments: Reports reviewed indicate site was previously occupied by multiple dwelling residences, commercial buildings and an auto body/repair shop. Site is contaminated with metals and semi-volatiles. Site is now owned by LA Unified School District.

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/06/1990
Comments:	On Cortese List: Contamination found on site; TPH up to 21700 mg/kg. Site Screening Done: Recommend PEA Medium.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	BELMONT NEW ELEMENTARY SCHOOL #3
Address:	680 LITTLE ST
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	19750071
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	Not reported
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	03/30/1993
Restricted Use:	NO
Funding:	School District
Latitude:	34.05442
Longitude:	-118.2716
APN:	5142-012-900, 5142-012-901, 5142-012-902, 5142-012-903, 5142-012-904, 5142-012-905, 5142-012-906, 5142-012-907, 5142-012-908, 5142-012-909, 5142-012-910, 5142-013-900, 5142-013-901, 5142-013-902, 5142-013-903, 5142-013-904, 5142-013-905, 5142-013-906, 5142-013-907, 5142-013-908, 5142-013-909, 5142-013-910, 5142-013-911, 5142-013-912, 5142-013-914, 5142-013-915, 5142-013-916, 5142012900, 5142012901, 5142012902, 5142012903, 5142012904, 5142012905, 5142012906, 5142012907, 5142012908, 5142012909, 5142012910, 5142013900, 5142013901, 5142013902, 5142013903, 5142013904, 5142013905, 5142013906, 5142013907, 5142013908, 5142013909, 5142013910, 5142013911, 5142013912, 5142013914, 5142013915, 5142013916
Past Use:	NONE SPECIFIED
Potential COC:	Arsenic, Lead, TPH-diesel, TPH-MOTOR OIL, Cadmium and compounds,

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

	Chromium III
Confirmed COC:	Arsenic, Lead, TPH-diesel, Cadmium and compounds, Chromium III, TPH-MOTOR OIL
Potential Description:	SOIL
Alias Name:	5142-012-900
Alias Type:	APN
Alias Name:	5142-012-901
Alias Type:	APN
Alias Name:	5142-012-902
Alias Type:	APN
Alias Name:	5142-012-903
Alias Type:	APN
Alias Name:	5142-012-904
Alias Type:	APN
Alias Name:	5142-012-905
Alias Type:	APN
Alias Name:	5142-012-906
Alias Type:	APN
Alias Name:	5142-012-907
Alias Type:	APN
Alias Name:	5142-012-908
Alias Type:	APN
Alias Name:	5142-012-909
Alias Type:	APN
Alias Name:	5142-012-910
Alias Type:	APN
Alias Name:	5142-013-900
Alias Type:	APN
Alias Name:	5142-013-901
Alias Type:	APN
Alias Name:	5142-013-902
Alias Type:	APN
Alias Name:	5142-013-903
Alias Type:	APN
Alias Name:	5142-013-904
Alias Type:	APN
Alias Name:	5142-013-905
Alias Type:	APN
Alias Name:	5142-013-906
Alias Type:	APN
Alias Name:	5142-013-907
Alias Type:	APN
Alias Name:	5142-013-908
Alias Type:	APN
Alias Name:	5142-013-909
Alias Type:	APN
Alias Name:	5142-013-910
Alias Type:	APN
Alias Name:	5142-013-911
Alias Type:	APN
Alias Name:	5142-013-912
Alias Type:	APN
Alias Name:	5142-013-914
Alias Type:	APN
Alias Name:	5142-013-915
Alias Type:	APN
Alias Name:	5142-013-916

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

Alias Type:	APN
Alias Name:	5142012900
Alias Type:	APN
Alias Name:	5142012901
Alias Type:	APN
Alias Name:	5142012902
Alias Type:	APN
Alias Name:	5142012903
Alias Type:	APN
Alias Name:	5142012904
Alias Type:	APN
Alias Name:	5142012905
Alias Type:	APN
Alias Name:	5142012906
Alias Type:	APN
Alias Name:	5142012907
Alias Type:	APN
Alias Name:	5142012908
Alias Type:	APN
Alias Name:	5142012909
Alias Type:	APN
Alias Name:	5142012910
Alias Type:	APN
Alias Name:	5142013900
Alias Type:	APN
Alias Name:	5142013901
Alias Type:	APN
Alias Name:	5142013902
Alias Type:	APN
Alias Name:	5142013903
Alias Type:	APN
Alias Name:	5142013904
Alias Type:	APN
Alias Name:	5142013905
Alias Type:	APN
Alias Name:	5142013906
Alias Type:	APN
Alias Name:	5142013907
Alias Type:	APN
Alias Name:	5142013908
Alias Type:	APN
Alias Name:	5142013909
Alias Type:	APN
Alias Name:	5142013910
Alias Type:	APN
Alias Name:	5142013911
Alias Type:	APN
Alias Name:	5142013912
Alias Type:	APN
Alias Name:	5142013914
Alias Type:	APN
Alias Name:	5142013915
Alias Type:	APN
Alias Name:	5142013916
Alias Type:	APN
Alias Name:	110013305324
Alias Type:	EPA (FRS #)

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

Alias Name: 110033618128
Alias Type: EPA (FRS #)
Alias Name: 19750071
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/12/1992
Comments: SMALL CERTIFICATION: On February 12, 1993, the Department enetered into an En- forceable agreement with the LAUSD, for the oversight of a removal action for remdiation of Parcel 10831. The re- moval action consisted of the excavation and off-site disposal of 122 tons of soil contaminated with volotile organic hydrocarbons, petroleum hydorcarbons, and heavy metals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/22/1990
Comments: Facility identified LA Unified School District submitted a Phase 2 Site Investigation Report to the Dept. for review. Sample Results: TPHC up to 21700 mg/kg.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/30/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/21/1991
Comments: PEA submitted and reviewed. Further activity is suggested and concurred with by the Department of Toxics Substances Control. Lead agency will be DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/28/1991
Comments: Reports reviewed indicate site was previously occupied by multiple dwelling residences, commercial buildings and an auto body/repair shop. Site is contaminated with metals and semi-volatiles. Site is

BELMONT NEW ELEMENTARY SC (Continued) **S105024642**

now owned by LA Unified School District.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/06/1990
Comments:	On Cortese List: Contamination found on site; TPH up to 21700 mg/kg. Site Screening Done: Recommend PEA Medium.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HIST CORTESE:

edr_fname:	BELMONT NEW ELEMENTARY SC
edr_fadd1:	680 LITTLE
City,State,Zip:	LOS ANGELES, CA 90017
Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19750071

CERS:

Name:	BELMONT NEW ELEMENTA
Address:	680 LITTLE ST
City,State,Zip:	LOS ANGELES, CA 90017
Site ID:	335040
CERS ID:	19750071
CERS Description:	School Cleanup

Affiliation:

Affiliation Type Desc:	Supervisor
Entity Name:	JAVIER HINOJOSA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

T86 **SSE** **1/4-1/2** **0.469 mi.** **2476 ft.** **Relative:** **Lower** **Actual:** **233 ft.**	**SCHOOL POLICE DEPARTMENT** **1330 W PICO BLVD** **LOS ANGELES, CA 90015** **Site 1 of 2 in cluster T**	**SEMS-ARCHIVE** **RCRA-LQG** **CA HIST UST** **FINDS** **ECHO** **CA EMI** **CA HAZMAT** **CA CERS**	**1000230594** **CAD028528230**

SEMS Archive:

Site ID:	0901272
EPA ID:	CAD028528230
Cong District:	24
FIPS Code:	06037
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0901272
EPA ID:	CAD028528230
Site Name:	JEFFRIES BANKNOTE CO
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-05-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0901272
EPA ID:	CAD028528230
Site Name:	JEFFRIES BANKNOTE CO
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-03-01 06:00:00
Finish Date:	1985-05-01 05:00:00
Qual:	N
Current Action Lead:	St Perf

Region:	09
Site ID:	0901272
EPA ID:	CAD028528230
Site Name:	JEFFRIES BANKNOTE CO
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-05-01 04:00:00

SCHOOL POLICE DEPARTMENT (Continued) **1000230594**

Finish Date:	1981-05-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

RCRA-LQG:

Date form received by agency:	2008-11-05 00:00:00.0
Facility name:	SCHOOL POLICE DEPARTMENT
Facility address:	1330 W PICO BLVD LOS ANGELES, CA 90015
EPA ID:	CAD028528230
Mailing address:	333 S BEAUDRY AVE 20TH FL LAUSD OEHS LOS ANGELES, CA 90017
Contact:	SOE AUNG
Contact address:	333 S BEAUDRY AVE 20TH FL LAUSD OEHS LOS ANGELES, CA 90017
Contact country:	US
Contact telephone:	213-241-3904
Contact email:	SOE.AUNG@LAUSD.NET
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	SCHOOL POLICE DEPT
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	2004-02-03 00:00:00.0
Owner/Op end date:	Not reported
Owner/operator name:	LAUSD
Owner/operator address:	333 S BEAUDRY AVE LOS ANGELES, CA 90017
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

SCHOOL POLICE DEPARTMENT (Continued) **1000230594**

Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 2004-02-03 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1994-03-03 00:00:00.0
Site name: AMERICAN BANKNOTE CO
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

HIST UST:
Name: JEFFRIES BANKNOTE COMPANY
Address: 1330 W PICO BLVD
City,State,Zip: LOS ANGELES, CA 90015
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000029521
Facility Type: Other
Other Type: PRINTING
Contact Name: JOSH BOGGS
Telephone: 2137428888
Owner Name: NORLIN CORPORATION
Owner Address: 44 SOUTH BROADWAY
Owner City,St,Zip: WHITE PLAINS, NY 10601
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1976
Tank Capacity: 00002000

SCHOOL POLICE DEPARTMENT (Continued) **1000230594**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	002
Container Num:	2
Year Installed:	1967
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Visual

FINDS:

Registry ID: 110002640624

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000230594
Registry ID:	110002640624
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002640624

EMI:

Name:	JEFFRIES BANKNOTE CO
Address:	1330 W PICO BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	10439
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	28
Reactive Organic Gases Tons/Yr:	28
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

SCHOOL POLICE DEPARTMENT (Continued) **1000230594**

Name:	JEFFRIES BANKNOTE CO
Address:	1330 W PICO BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	10439
Air District Name:	SC
SIC Code:	2759
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	16
Reactive Organic Gases Tons/Yr:	8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

LOS ANGELES HM:

Name:	AMERICAN BANK NOTE COMPANY - JEFFRI
Address:	1330 W PICO BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	FA0019095
Last Run Date:	06/01/2019
Status:	INACTIVE

CERS:

Name:	JEFFRIES BANKNOTE COMPANY
Address:	1330 WEST PICO BLVD.
City,State,Zip:	LOS ANGELES, CA 90015-2422
Site ID:	474618
CERS ID:	110013953098
CERS Description:	US EPA Air Emission Inventory System (EIS)

T87 **JEFFRIES BANKNOTE COMPANY** **CA ENVIROSTOR** **S101480580**
SSE **1330 WEST PICO BLVD** **N/A**
1/4-1/2 **LOS ANGELES, CA 90015**
0.469 mi.
2476 ft. **Site 2 of 2 in cluster T**

Relative:
Lower

Actual:
233 ft.

ENVIROSTOR:

Name:	JEFFRIES BANKNOTE COMPANY
Address:	1330 WEST PICO BLVD
City,State,Zip:	LOS ANGELES, CA 90015
Facility ID:	19270326
Status:	Refer: Other Agency
Status Date:	08/21/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported

JEFFRIES BANKNOTE COMPANY (Continued) **S101480580**

Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	30
Special Program:	* RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.04237
Longitude:	-118.2740
APN:	5135035020
Past Use:	NONE SPECIFIED
Potential COC:	Lead Chromium VI Nickel
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	5135035020
Alias Type:	APN
Alias Name:	CAD028528230
Alias Type:	EPA Identification Number
Alias Name:	110002640624
Alias Type:	EPA (FRS #)
Alias Name:	19270326
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/26/1983
Comments:	FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	11/07/1994
Comments:	DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	01/27/1984
Comments:	FACILITY DRIVE-BY ASAP. NO HAZ WASTE PROB OBSERVED. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

U88 **ESPERANZA LEARNING CENTER** **CA ENVIROSTOR** **S118756570**
NE **LITTLE STREET/INGRAM STREET/680 LITTLE STREET** **CA SCH** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.478 mi.
2526 ft. **Site 1 of 3 in cluster U**

Relative:
Higher

Actual:
313 ft.

ENVIROSTOR:

Name:	ESPERANZA LEARNING CENTER
Address:	LITTLE STREET/INGRAM STREET/680 LITTLE STREET
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	19820025
Status:	No Action Required
Status Date:	03/20/2000
Site Code:	304140
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	5.2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05530
Longitude:	-118.2707
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ESPARANZA LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	LAUSD-ESPERANZA LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	LAUSD-ESPERANZA LEARNING CENTER/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304020
Alias Type:	Project Code (Site Code)
Alias Name:	304140
Alias Type:	Project Code (Site Code)
Alias Name:	19820025
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/09/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

ESPERANZA LEARNING CENTER (Continued) **S118756570**

Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/20/2000
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	ESPERANZA LEARNING CENTER
Address:	LITTLE STREET/INGRAM STREET/680 LITTLE STREET
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	19820025
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5.2
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304140
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	03/20/2000
Restricted Use:	NO
Funding:	School District
Latitude:	34.05530
Longitude:	-118.2707
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ESPARANZA LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	LAUSD-ESPERANZA LEARNING CENTER
Alias Type:	Alternate Name
Alias Name:	LAUSD-ESPERANZA LEARNING CENTER/VCA

ESPERANZA LEARNING CENTER (Continued) **S118756570**

Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304020
Alias Type:	Project Code (Site Code)
Alias Name:	304140
Alias Type:	Project Code (Site Code)
Alias Name:	19820025
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/09/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/20/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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89 **PARK VIEW VILLAGE** **CA ENVIROSTOR** **S106665605**
NW **933 - 937 SOUTH PARK VIEW STREET** **N/A**
1/4-1/2 **LOS ANGELES, CA 90006**
0.481 mi.
2539 ft.

Relative:
Higher

Actual:
281 ft.

ENVIROSTOR:

Name:	PARK VIEW VILLAGE
Address:	933 - 937 SOUTH PARK VIEW STREET
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	19000022
Status:	Refer: 1248 Local Agency
Status Date:	09/27/2004
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED

PARK VIEW VILLAGE (Continued) **S106665605**

Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	46
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.05401
Longitude:	-118.2828
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19000022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	SB 1248 Notification
Completed Date:	07/17/2012
Comments:	SB 1248 Reviewed.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

V90 **CAMINO NUEVO MIDDLE SCHOOL** **CA LUST** **S103972328**
NNE **1800 WILSHIRE BLVD** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.481 mi.
2542 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
300 ft.

LUST:

Name:	CAMINO NUEVO MIDDLE SCHOOL
Address:	1800 WILSHIRE BLVD
City,State,Zip:	LOS ANGELES, CA 90057
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603729768
Global Id:	T0603729768
Latitude:	34.056346
Longitude:	-118.272724
Status:	Completed - Case Closed
Status Date:	08/09/2002
Case Worker:	Not reported
RB Case Number:	900570207
Local Agency:	LOS ANGELES, CITY OF

CAMINO NUEVO MIDDLE SCHOOL (Continued) **S103972328**

File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603729768
Contact Type:	Local Agency Caseworker
Contact Name:	TBD
Organization Name:	LOS ANGELES, CITY OF
Address:	200 N. MAIN ST. RM. 970
City:	LOS ANGELES
Email:	Not reported
Phone Number:	2134826528

LUST:

Global Id:	T0603729768
Action Type:	Other
Date:	05/06/2002
Action:	Leak Discovery
Global Id:	T0603729768
Action Type:	Other
Date:	05/06/2002
Action:	Leak Reported
Global Id:	T0603729768
Action Type:	RESPONSE
Date:	06/17/2002
Action:	Other Workplan
Global Id:	T0603729768
Action Type:	ENFORCEMENT
Date:	08/09/2002
Action:	Closure/No Further Action Letter
Global Id:	T0603729768
Action Type:	ENFORCEMENT
Date:	05/16/2002
Action:	Staff Letter
Global Id:	T0603729768
Action Type:	ENFORCEMENT
Date:	05/28/2002
Action:	Site Visit / Inspection / Sampling
Global Id:	T0603729768
Action Type:	ENFORCEMENT
Date:	05/31/2002
Action:	Site Visit / Inspection / Sampling
Global Id:	T0603729768
Action Type:	RESPONSE
Date:	07/12/2002
Action:	Request for Closure

CAMINO NUEVO MIDDLE SCHOOL (Continued) **S103972328**

Global Id:	T0603729768
Action Type:	RESPONSE
Date:	06/17/2002
Action:	Soil and Water Investigation Report
Global Id:	T0603729768
Action Type:	RESPONSE
Date:	05/09/2002
Action:	Interim Remedial Action Plan

LUST:

Global Id:	T0603729768
Status:	Open - Case Begin Date
Status Date:	03/13/2002
Global Id:	T0603729768
Status:	Open - Site Assessment
Status Date:	03/13/2002
Global Id:	T0603729768
Status:	Open - Remediation
Status Date:	05/06/2002
Global Id:	T0603729768
Status:	Completed - Case Closed
Status Date:	08/09/2002

V91 **CAMINO NUEVO MIDDLE SCHOOL** **CA LUST** **S105691948**
NNE **1800 WILSHIRE BLVD** **CA CERS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90057**
0.481 mi.
2542 ft. **Site 2 of 2 in cluster V**

Relative:
Higher

Actual:
300 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900570207	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603729768	
W Global ID:	Not reported	
Staff:	MSH	
Local Agency:	19050	
Cross Street:	Not reported	
Enforcement Type:	CLOS	
Date Leak Discovered:	5/6/2002	
Date Leak First Reported:		5/6/2002
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		6/18/2002

CAMINO NUEVO MIDDLE SCHOOL (Continued) **S105691948**

Date the Case was Closed:		8/9/2002
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		3340.7390927194340018737120576
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		3/13/2002
Preliminary Site Assessment Began:		3/13/2002
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		5/6/2002
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MR. PHILLIP LANCE	
RP Address:	1800 WILSHIRE BLVD.	
Program:	LUST	
Lat/Long:	34.056346 / -1	
Local Agency Staff:	UNK	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

CERS:

Name:	CAMINO NUEVO MIDDLE SCHOOL
Address:	1800 WILSHIRE BLVD
City,State,Zip:	LOS ANGELES, CA 90057
Site ID:	203245
CERS ID:	T0603729768
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TBD - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 N. MAIN ST. RM. 970
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826528

U92 NE 1/4-1/2 0.488 mi. 2575 ft. | **UNOCAL #2325**
1546 WILSHIRE BLVD
LOS ANGELES, CA 90017

CA LUST | **S102439884**
CA HIST CORTESE | **N/A**
CA CERS

Site 2 of 3 in cluster U

Relative: Higher

Actual: 316 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	900170043	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Pump and Treat Groundwater
Global ID:	T0603700583	
W Global ID:	W0607701254	
Staff:	UNK	
Local Agency:	19050	
Cross Street:	UNION AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		4/8/1987
Date Leak Record Entered:	1/5/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/18/1996
Date the Case was Closed:		10/9/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	UNOCAL - JIM SCOTT	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2140.69916214236418197761612 63
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		1/5/1988
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Yes
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	UNOCAL CORPORATION	
RP Address:	376 S VALENCIA AVE, BREA CA 92621	
Program:	LUST	
Lat/Long:	34.0547737 / -1	
Local Agency Staff:	PEJ	

UNOCAL #2325 (Continued) **S102439884**

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 3901254-001GEN
Summary: GROUNDWATER TREATMENT SYSTEM INSTALLED. NPDES CA006028 IS TODISCHARGE TO STORMDRAIN FLOWING INTO BALLONA CREEK ASSIGNED CASE TO EH

LUST:
Name: L.A. NEW MIDDLE SCHOOL
Address: 1546 WILSHIRE BLVD.
City,State,Zip: LOS ANGELES, CA 90017
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603798812
Global Id: T0603798812
Latitude: 34.055046
Longitude: -118.269973
Status: Completed - Case Closed
Status Date: 07/16/2008
Case Worker: CET
RB Case Number: 900170043A
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: 32470
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603798812
Contact Type: Regional Board Caseworker
Contact Name: CHANDRA TYLER
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: cetyler@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603798812
Contact Type: Local Agency Caseworker
Contact Name: PATRICK KILLIAN
Organization Name: LOS ANGELES, CITY OF
Address: 221 N FIGUEROA ST STE 1500
City: LOS ANGELES
Email: Not reported
Phone Number: 2134826527

LUST:
Global Id: T0603798812
Action Type: Other
Date: 08/23/2006
Action: Leak Discovery

Global Id: T0603798812
Action Type: ENFORCEMENT
Date: 06/25/2007

UNOCAL #2325 (Continued) **S102439884**

Action: Staff Letter

Global Id: T0603798812
Action Type: RESPONSE
Date: 07/26/2007
Action: Other Report / Document

Global Id: T0603798812
Action Type: REMEDIATION
Date: 08/08/2003
Action: Excavation

Global Id: T0603798812
Action Type: REMEDIATION
Date: 04/07/2004
Action: Excavation

Global Id: T0603798812
Action Type: ENFORCEMENT
Date: 07/02/2008
Action: Site Visit / Inspection / Sampling

Global Id: T0603798812
Action Type: Other
Date: 08/23/2006
Action: Leak Reported

Global Id: T0603798812
Action Type: ENFORCEMENT
Date: 07/16/2008
Action: Closure/No Further Action Letter

Global Id: T0603798812
Action Type: RESPONSE
Date: 07/26/2007
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603798812
Action Type: RESPONSE
Date: 04/10/2008
Action: Request for Closure

Global Id: T0603798812
Action Type: RESPONSE
Date: 07/26/2007
Action: Monitoring Report - Quarterly

Global Id: T0603798812
Action Type: RESPONSE
Date: 10/09/2008
Action: Well Destruction Report

LUST:
Global Id: T0603798812
Status: Open - Case Begin Date
Status Date: 08/23/2006

UNOCAL #2325 (Continued) **S102439884**

Global Id: T0603798812
Status: Open - Site Assessment
Status Date: 08/23/2006

Global Id: T0603798812
Status: Completed - Case Closed
Status Date: 07/16/2008

Name: UNOCAL #2325
Address: 1546 WILSHIRE BLVD
City,State,Zip: LOS ANGELES, CA 90017
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700583
Global Id: T0603700583
Latitude: 34.0547737
Longitude: -118.2692289
Status: Completed - Case Closed
Status Date: 10/09/1996
Case Worker: YR
RB Case Number: 900170043
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603700583
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org
Phone Number: Not reported

Global Id: T0603700583
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603700583
Action Type: Other
Date: 04/08/1987
Action: Leak Reported

LUST:
Global Id: T0603700583
Status: Open - Case Begin Date

UNOCAL #2325 (Continued) **S102439884**

Status Date: 04/08/1987

Global Id: T0603700583
Status: Open - Remediation
Status Date: 01/05/1988

Global Id: T0603700583
Status: Completed - Case Closed
Status Date: 10/09/1996

HIST CORTESE:
edr_fname: UNOCAL #2325
edr_fadd1: 1546 WILSHIRE
City,State,Zip: LOS ANGELES, CA 90017
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900170043

CERS:
Name: UNOCAL #2325
Address: 1546 WILSHIRE BLVD
City,State,Zip: LOS ANGELES, CA 90017
Site ID: 220523
CERS ID: T0603700583
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ELOY LUNA - LOS ANGELES, CITY OF
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Suite 1780
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: L.A. NEW MIDDLE SCHOOL
Address: 1546 WILSHIRE BLVD.
City,State,Zip: LOS ANGELES, CA 90017
Site ID: 235162
CERS ID: T0603798812
CERS Description: Leaking Underground Storage Tank Cleanup Site

UNOCAL #2325 (Continued) **S102439884**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CHANDRA TYLER - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	PATRICK KILLIAN - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	221 N FIGUEROA ST STE 1500
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826527

U93 **CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1** **CA ENVIROSTOR** **S107736103**
NE **UNION AVENUE/WILSHIRE BOULEVARD** **CA SCH** **N/A**
1/4-1/2 **LOS ANGELES, CA 90017**
0.490 mi.
2588 ft. **Site 3 of 3 in cluster U**

Relative:
Higher

Actual:
316 ft.

ENVIROSTOR:

Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1
Address:	UNION AVENUE/WILSHIRE BOULEVARD
City,State,Zip:	LOS ANGELES, CA 90017-2206
Facility ID:	19550021
Status:	Certified
Status Date:	07/22/2008
Site Code:	304313
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	8.3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05513
Longitude:	-118.2701
APN:	NONE SPECIFIED
Past Use:	* RETAIL - AUTO DEALERS & SERVICE STATIONS
Potential COC:	Arsenic Benzene Lead Methyl tertbutyl ether (MTBE TPH-diesel
Confirmed COC:	Arsenic 30003-NO Lead Methyl tertbutyl ether (MTBE 30024-NO

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Potential Description: SOIL
Alias Name: CENTRAL LOS ANGELES MIDDLE SCH #1 (PROP)
Alias Type: Alternate Name
Alias Name: CENTRAL LOS ANGELES MIDDLE SCHOOL #1
Alias Type: Alternate Name
Alias Name: CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1
Alias Type: Alternate Name
Alias Name: John Liechty Middle School
Alias Type: Alternate Name
Alias Name: LAUSD-CENTRAL LA MS # 1
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033619564
Alias Type: EPA (FRS #)
Alias Name: 304313
Alias Type: Project Code (Site Code)
Alias Name: 19550021
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #1 site.

Completed Area Name: Soil
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/30/2004
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/08/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/30/2004
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site. Pb-paint for area A and GW issues still outstanding.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: SSI information folded into revised CSSI and was subsequently approved aprvd. See CSSI for details.

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/09/2004
Comments: Not reported

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/30/2004
Comments: Approved RAC completion report and Pb-SSI(Area B); further action for groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/23/2004
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2004
Comments: Further Action addition GW monitoring necessary

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/30/2001
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Date: 07/01/2005
Comments: Cusory review - no comment til final report.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2004
Comments: DTSC did not concur with NFA and recommended additional GW sampling.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2005
Comments: No comments issued, pending additional monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: Approval of CSSI and determination of FA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 01/23/2004
Comments: DTSC concurred with the sampling approach to assess tank areas

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/27/2004
Comments: Approval of FSI Report and "hot" spot removal for benzene and MTBE impacted soils

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/02/2004
Comments: Conditional approval of RAW Addendum for implementation

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/14/2005
Comments: awaiting for final detemination for the site

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2005
Comments: DTSC acknowledged receipt of report. Final detm pending additional monitoring and coordination with LARWQCB,

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2005

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Comments: Currently evaluating GW and coordinating with RWQCB

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2006
Comments: Report reviewed as an update of GW conditions. No approval necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/14/2006
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2006
Comments: Issued FA determination on 8/14/06 after review of First Qtr GW monitoring report. District to install 2 more wells and monitor for 2-4 qtrs.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 01/29/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2007
Comments: Reviewed but not approved. Will complete trend analysis with future reports.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/21/2008
Comments: Prepared 02/21/08, received 02/26/08, and commented 02/27/08. Additional run of GW monitoring is necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/29/2008
Comments: a revised final copy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Date:	10/09/1996
Comments:	10/9/1996 - LARWQCB completes a site investigation and remedial action for the UST located at Unocal Service Station NO.2325 and issues a letter of closure.

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/25/2004
Comments:	DTSC sent LARWQCB a Coordination Letter for UST remediation.

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Plan
Completed Date:	08/23/2006
Comments:	LAFD Responds to the UST Report dated 3/9/04 by Meredith & Associates, Incorporation. Letter Results in referring the matter to the State Regional Water Quality Control Board.

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Plan
Completed Date:	06/25/2007
Comments:	LARWQCB letter to LAUSD Requesting additional information regarding the Underground Storage Tank Program.

Completed Area Name:	GW
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	07/22/2008
Comments:	LARWQCB Letter to LAUSD confirming the completion of a site investigation and corrective actions for the UST located at 1546 Wilshire Blvd, Los Angeles CA.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1
Address:	UNION AVENUE/WILSHIRE BOULEVARD
City,State,Zip:	LOS ANGELES, CA 90017-2206
Facility ID:	19550021
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	8.3
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304313
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	07/22/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.05513
Longitude:	-118.2701
APN:	NONE SPECIFIED
Past Use:	* RETAIL - AUTO DEALERS & SERVICE STATIONS
Potential COC:	Arsenic, Benzene, Lead, Methyl tertbutyl ether (MTBE, TPH-diesel
Confirmed COC:	Arsenic, 30003-NO, Lead, Methyl tertbutyl ether (MTBE, 30024-NO
Potential Description:	SOIL
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCH #1 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1
Alias Type:	Alternate Name
Alias Name:	John Liechty Middle School
Alias Type:	Alternate Name
Alias Name:	LAUSD-CENTRAL LA MS # 1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110033619564
Alias Type:	EPA (FRS #)
Alias Name:	304313
Alias Type:	Project Code (Site Code)
Alias Name:	19550021
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	LAUSD MASTER OVERSIGHT AGREEMENT (DOCKET NO. HSA-A 99/00-051) EXECUTED ON 2/10/00. As part of the Master Oversight Agreement between DTSC and the Los Angeles Unified School District (LAUSD), DTSC will provide oversight for a Preliminary Endangerment Assessment (PEA) for the proposed Central Los Angeles Middle School #1 site.

Completed Area Name:	Soil
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	07/30/2004
Comments:	DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site.

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/22/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/08/2002
Comments: DTSC issued a Preliminary Endangerment Assessment determination, requiring further action at the proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/30/2004
Comments: DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary and certified the site. Pb-paint for area A and GW issues still outstanding.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/08/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: SSI information folded into revised CSSI and was subsequently approved aprvd. See CSSI for details.

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/09/2004
Comments: Not reported

Completed Area Name: LBP
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 07/30/2004
Comments: Approved RAC completion report and Pb-SSI(Area B); further action for groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/23/2004
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2004
Comments: Further Action addition GW monitoring necessary

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 10/30/2001
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 07/01/2005
Comments: Cusory review - no comment til final report.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2004
Comments: DTSC did not concur with NFA and recommended additional GW sampling.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2005
Comments: No comments issued, pending additional monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/02/2003
Comments: Approval of CSSI and determination of FA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 01/23/2004
Comments: DTSC concurred with the sampling approach to assess tank areas

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/27/2004
Comments: Approval of FSI Report and "hot" spot removal for benzene and MTBE impacted soils

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/02/2004

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Comments: Conditional approval of RAW Addendum for implementation

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 01/14/2005
Comments: awaiting for final detemination for the site

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2005
Comments: DTSC acknowledged receipt of report. Final detm pending additional monitoring and coordination with LARWQCB,

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/01/2005
Comments: Currently evaluating GW and coordinating with RWQCB

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/10/2006
Comments: Report reviewed as an update of GW conditions. No approval necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/14/2006
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/23/2006
Comments: Issued FA determination on 8/14/06 after review of First Qtr GW monitoring report. District to install 2 more wells and monitor for 2-4 qtrs.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 01/29/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2007
Comments: Reviewed but not approved. Will complete trend analysis with future reports.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Completed Date: 09/14/2007
Comments: Not reported

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/21/2008
Comments: Prepared 02/21/08, received 02/26/08, and commented 02/27/08. Additional run of GW monitoring is necessary.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/29/2008
Comments: a revised final copy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/09/1996
Comments: 10/9/1996 - LARWQCB completes a site investigation and remedial action for the UST located at Unocal Service Station NO.2325 and issues a letter of closure.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/25/2004
Comments: DTSC sent LARWQCB a Coordination Letter for UST remediation.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/23/2006
Comments: LAFD Responds to the UST Report dated 3/9/04 by Meredith & Associates, Incorporation. Letter Results in referring the matter to the State Regional Water Quality Control Board.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/25/2007
Comments: LARWQCB letter to LAUSD Requesting additional information regarding the Underground Storage Tank Program.

Completed Area Name: GW
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 07/22/2008
Comments: LARWQCB Letter to LAUSD confirming the completion of a site investigation and corrective actions for the UST located at 1546 Wilshire Blvd, Los Angeles CA.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

CENTRAL LOS ANGELES MIDDLE SCHOOL NO. 1 (Continued) **S107736103**

Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

94
NNE
1/4-1/2
0.496 mi.
2618 ft.

COMMERCIAL BUILDING
1930 WILSHIRE BOULEVARD
LOS ANGELES, CA 90057

CA LUST **S112839125**
CA HAZMAT **N/A**
CA CERS

Relative:
Higher

Actual:
281 ft.

LUST:

Name:	COMMERCIAL BUILDING
Address:	1930 WILSHIRE BOULEVARD
City,State,Zip:	LOS ANGELES, CA 90057
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000009395
Global Id:	T10000009395
Latitude:	34.05706
Longitude:	-118.27451
Status:	Completed - Case Closed
Status Date:	08/09/2018
Case Worker:	DPP
RB Case Number:	900570234
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T10000009395
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T10000009395
Action Type:	Other
Date:	12/04/2001
Action:	Leak Discovery
Global Id:	T10000009395
Action Type:	RESPONSE
Date:	11/15/2016
Action:	Other Report / Document
Global Id:	T10000009395
Action Type:	ENFORCEMENT
Date:	10/05/2016
Action:	Staff Letter

COMMERCIAL BUILDING (Continued) **S112839125**

Global Id: T10000009395
Action Type: RESPONSE
Date: 10/15/2017
Action: Well Destruction Report

Global Id: T10000009395
Action Type: RESPONSE
Date: 06/10/2017
Action: Other Report / Document

Global Id: T10000009395
Action Type: RESPONSE
Date: 11/29/2016
Action: Request for Closure - Regulator Responded

Global Id: T10000009395
Action Type: ENFORCEMENT
Date: 04/10/2017
Action: Notification - Preclosure

Global Id: T10000009395
Action Type: Other
Date: 09/07/2016
Action: Leak Reported

Global Id: T10000009395
Action Type: ENFORCEMENT
Date: 08/09/2018
Action: Closure/No Further Action Letter

Global Id: T10000009395
Action Type: ENFORCEMENT
Date: 07/12/2017
Action: Staff Letter

Global Id: T10000009395
Action Type: Other
Date: 12/04/2001
Action: Leak Began

LUST:
Global Id: T10000009395
Status: Open - Case Begin Date
Status Date: 12/04/2001

Global Id: T10000009395
Status: Open - Active
Status Date: 09/20/2016

Global Id: T10000009395
Status: Open - Eligible for Closure
Status Date: 03/21/2017

Global Id: T10000009395
Status: Completed - Case Closed
Status Date: 08/09/2018

COMMERCIAL BUILDING (Continued) **S112839125**

LOS ANGELES HM:

Name:	METRO MEDICAL MALL
Address:	1930 WILSHIRE BLVD
City,State,Zip:	LOS ANGELES, CA 90057
Facility ID:	FA0038023
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	COMMERCIAL BUILDING
Address:	1930 WILSHIRE BOULEVARD
City,State,Zip:	LOS ANGELES, CA 90057
Site ID:	408562
CERS ID:	T10000009395
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714

W95 NNW 1/2-1 0.536 mi. 2832 ft. **CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL** **CA ENVIROSTOR** **S109034350**
PARK VIEW STREET/GRAND VIEW STREET/WEST 8TH **CA SCH** **N/A**
LOS ANGELES, CA 90017

Site 1 of 2 in cluster W

Relative: Higher

Actual: 268 ft.

ENVIROSTOR:

Name:	CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL
Address:	PARK VIEW STREET/GRAND VIEW STREET/WEST 8TH
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	60000831
Status:	No Further Action
Status Date:	11/06/2008
Site Code:	304593
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Amit Pathak
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL (Continued) **S109034350**

Latitude: 34.057
Longitude: -118.2798
APN: NONE SPECIFIED
Past Use: NONE, SCHOOL - OTHER
Potential COC: Chlordane DDD DDE DDT Endrin Lead TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL
Confirmed COC: 30024-NO 30025-NO 3002501-NO 3002502-NO 30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30013-NO
Potential Description: SOIL
Alias Name: 304593
Alias Type: Project Code (Site Code)
Alias Name: 60000831
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/27/2008
Comments: Phase I is submitted as part of the background information. No determination was necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/16/2008
Comments: Accepted provided Revised Scoping Document is submitted/reviewed by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Master Agreement
Completed Date: 02/26/2008
Comments: Rec'd background information for the EOA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2008
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL (Continued) **S109034350**

SCH:

Name:	CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL
Address:	PARK VIEW STREET/GRAND VIEW STREET/WEST 8TH
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	60000831
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Amit Pathak
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304593
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/06/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.057
Longitude:	-118.2798
APN:	NONE SPECIFIED
Past Use:	NONE, SCHOOL - OTHER
Potential COC:	Chlordane, DDD, DDE, DDT, Endrin, Lead, TPH-diesel, TPH-gas, TPH-JET FUEL, TPH-MOTOR OIL
Confirmed COC:	30024-NO, 30025-NO, 3002501-NO, 3002502-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30013-NO
Potential Description:	SOIL
Alias Name:	304593
Alias Type:	Project Code (Site Code)
Alias Name:	60000831
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/27/2008
Comments:	Phase I is submitted as part of the background information. No determination was necessary.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	04/16/2008
Comments:	Accepted provided Revised Scoping Document is submitted/reviewed by DTSC
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report

CENTRAL REGION MACARTHUR PARK ELEMENTARY SCHOOL (Continued) **S109034350**

Completed Date:	09/05/2008
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Master Agreement
Completed Date:	02/26/2008
Comments:	Rec'd background information for the EOA
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/31/2008
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

W96 **BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3** **CA ENVIROSTOR** **S107735912**
NNW **2300 WEST 7TH STREET** **CA SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90057**
0.546 mi.
2882 ft. **Site 2 of 2 in cluster W**

Relative:
Higher

Actual:
271 ft.

ENVIROSTOR:

Name:	BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3
Address:	2300 WEST 7TH STREET
City,State,Zip:	LOS ANGELES, CA 90057
Facility ID:	19590002
Status:	Certified
Status Date:	04/23/2001
Site Code:	300793
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05695
Longitude:	-118.2795
APN:	5141016901
Past Use:	* RETIAL - MISC.

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3 (Continued) **S107735912**

Potential COC: Lead, Organic (tetraethyl lead
Confirmed COC: 30343-NO
Potential Description: SOIL
Alias Name: BELMONT/HOLLYWOOD NEW PRIMARY CTR. #3
Alias Type: Alternate Name
Alias Name: BELMONT/HOLLYWOOD PRIMARY CTR. #3
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5141016901
Alias Type: APN
Alias Name: 110033618155
Alias Type: EPA (FRS #)
Alias Name: 300793
Alias Type: Project Code (Site Code)
Alias Name: 19590002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/24/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/03/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/26/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3 (Continued) **S107735912**

Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3
Address:	2300 WEST 7TH STREET
City,State,Zip:	LOS ANGELES, CA 90057
Facility ID:	19590002
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	300793
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	04/23/2001
Restricted Use:	NO
Funding:	School District
Latitude:	34.05695
Longitude:	-118.2795
APN:	5141016901
Past Use:	* RETIAL - MISC.
Potential COC:	Lead, Organic (tetraethyl lead
Confirmed COC:	30343-NO
Potential Description:	SOIL
Alias Name:	BELMONT/HOLLYWOOD NEW PRIMARY CTR. #3
Alias Type:	Alternate Name
Alias Name:	BELMONT/HOLLYWOOD PRIMARY CTR. #3
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5141016901
Alias Type:	APN
Alias Name:	110033618155
Alias Type:	EPA (FRS #)
Alias Name:	300793
Alias Type:	Project Code (Site Code)
Alias Name:	19590002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

BELMONT/HOLLYWOOD PRIMARY CENTER NO. 3 (Continued) **S107735912**

Completed Document Type: Certification
Completed Date: 04/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/23/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/24/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/03/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/26/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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97 **GOOD SAMARITAN HOSPITAL** **CA ENVIROSTOR** **S110493875**
ENE **1225 WILSHIRE** **CA LUST** **N/A**
1/2-1 **LOS ANGELES, CA 90017** **CA CERS**
0.642 mi.
3392 ft.

Relative:
Higher

Actual:
341 ft.

ENVIROSTOR:
Name: GOOD SAMARITAN HOSPITAL
Address: 1225 WILSHIRE
City,State,Zip: LOS ANGELES, CA 90017
Facility ID: 71003074
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported

GOOD SAMARITAN HOSPITAL (Continued) **S110493875**

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.05335
Longitude: -118.2655
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982485625
Alias Type: EPA Identification Number
Alias Name: 71003074
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Name: GOOD SAMARITAN HOSPITAL ER ENTRANCE
Address: 1225 WILSHIRE
City,State,Zip: LOS ANGELES, CA 90017
Lead Agency: SWRCB
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004822
Global Id: T10000004822
Latitude: 34.053355
Longitude: -118.265582
Status: Completed - Case Closed
Status Date: 07/05/2018
Case Worker: MC

GOOD SAMARITAN HOSPITAL (Continued) **S110493875**

RB Case Number: Not reported
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: TT
Potential Media Affect: Not reported
Potential Contaminants of Concern: Diesel
Site History: There is a State Water Board closure Order for this case issued 1/28/2015. The State Water Board needs confirmation that the corrective action wells and wastes have been removed from the site in order to close the case. Once confirmation has been received State Water Board can issue a Uniform Closure Letter and close the case. Attempts to reach the RP have failed. gwl 4/14/2016.

LUST:
Global Id: T10000004822
Contact Type: Local Agency Caseworker
Contact Name: GREG STEVENS
Organization Name: LOS ANGELES, CITY OF
Address: 221 N Figueroa St
City: LOS ANGELES
Email: gregory.stevens@lacity.org
Phone Number: 2134826527

Global Id: T10000004822
Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
Organization Name: SWRCB
Address: 1001 I Street
City: SACRAMENTO
Email: mcohen@waterboards.ca.gov
Phone Number: 9163415751

LUST:
Global Id: T10000004822
Action Type: Other
Date: 07/26/2005
Action: Leak Discovery

Global Id: T10000004822
Action Type: Other
Date: 08/08/2005
Action: Leak Reported

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 05/07/2013
Action: Notice of Violation - #20136

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 09/17/1996
Action: Closure/No Further Action Letter

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 09/17/1986
Action: Technical Correspondence / Assistance / Other

GOOD SAMARITAN HOSPITAL (Continued) **S110493875**

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 06/06/1986
Action: Notice to Comply

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 09/18/1987
Action: Technical Correspondence / Assistance / Other

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 05/09/1986
Action: Referral to Regional Board

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 07/05/2018
Action: Closure/No Further Action Letter

Global Id: T10000004822
Action Type: RESPONSE
Date: 04/05/2005
Action: Soil and Water Investigation Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 08/19/2004
Action: Soil and Water Investigation Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 12/27/2005
Action: Soil and Water Investigation Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 05/06/1986
Action: Site Assessment Report

Global Id: T10000004822
Action Type: RESPONSE
Date: 07/17/2013
Action: Correspondence

Global Id: T10000004822
Action Type: RESPONSE
Date: 05/20/2013
Action: Correspondence

Global Id: T10000004822
Action Type: ENFORCEMENT
Date: 01/28/2015
Action: State Water Board Closure Order

LUST:
Global Id: T10000004822

GOOD SAMARITAN HOSPITAL (Continued) **S110493875**

Status:	Open - Case Begin Date
Status Date:	07/26/2005
Global Id:	T10000004822
Status:	Open - Site Assessment
Status Date:	06/11/2013
Global Id:	T10000004822
Status:	Open - Eligible for Closure
Status Date:	12/12/2013
Global Id:	T10000004822
Status:	Open - Eligible for Closure
Status Date:	02/04/2015
Global Id:	T10000004822
Status:	Completed - Case Closed
Status Date:	07/05/2018

CERS:

Name:	GOOD SAMARITAN HOSPITAL ER ENTRANCE
Address:	1225 WILSHIRE
City,State,Zip:	LOS ANGELES, CA 90017
Site ID:	223320
CERS ID:	T10000004822
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MATTHEW COHEN - SWRCB
Entity Title:	Not reported
Affiliation Address:	1001 I Street
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9163415751
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	GREG STEVENS - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	221 N Figueroa St
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2134826527

98	**HOOVER STREET ELEMENTARY**	**RCRA-SQG**	**1005415540**
NW	**2726 FRANCIS AVE**	**CA ENVIROSTOR**	**CAR000112441**
1/2-1	**LOS ANGELES, CA 90005**	**CA SCH**	
0.686 mi.		**FINDS**	
3624 ft.		**ECHO**	

Relative:
Higher

Actual:
264 ft.

RCRA-SQG:

Date form received by agency:	2002-02-12 00:00:00.0
Facility name:	HOOVER STREET ELEMENTARY
Facility address:	2726 FRANCIS AVE LOS ANGELES, CA 90005
EPA ID:	CAR000112441
Mailing address:	1449 S SAN PEDRO ST LOS ANGELES, CA 90015
Contact:	SOE AUNG
Contact address:	1449 S SAN PEDRO ST LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	213-743-5086
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	L A UNIFIED SCHOOL DISTRICT
Owner/operator address:	1449 S SAN PEDRO ST LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	213-743-5086
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Historical Generators:
Date form received by agency: 2002-02-12 00:00:00.0
Site name: HOOVER STREET ELEMENTARY
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

ENVIROSTOR:
Name: HOOVER ELEMENTARY SCHOOL EXPANSION
Address: 2726 FRANCIS AVENUE
City,State,Zip: LOS ANGELES, CA 90005
Facility ID: 19700002
Status: Certified
Status Date: 03/12/2004
Site Code: 304347
Site Type: School Cleanup
Site Type Detailed: School
Acres: .64
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05652
Longitude: -118.2861
APN: 5077026912
Past Use: HOTEL, HOTEL, RESIDENTIAL AREA
Potential COC: Lead Lead
Confirmed COC: Lead
Potential Description: SOIL, SOIL
Alias Name: HOOVER ELEMENTARY SCHOOL EXPANSION
Alias Type: Alternate Name
Alias Name: LAUSD-HOOVER ES
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5077026912
Alias Type: APN
Alias Name: 110033614952
Alias Type: EPA (FRS #)
Alias Name: 304347
Alias Type: Project Code (Site Code)

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Alias Name: 19700002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/12/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/12/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Name:	HOOVER ELEMENTARY SCHOOL EXPANSION
Address:	2726 FRANCIS AVENUE
City,State,Zip:	LOS ANGELES, CA 90005
Facility ID:	19700002
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	.64
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304347
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	03/12/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.05652
Longitude:	-118.2861
APN:	5077026912
Past Use:	HOTEL, HOTEL, RESIDENTIAL AREA
Potential COC:	Lead, Lead
Confirmed COC:	Lead
Potential Description:	SOIL, SOIL
Alias Name:	HOOVER ELEMENTARY SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOVER ES
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5077026912
Alias Type:	APN
Alias Name:	110033614952
Alias Type:	EPA (FRS #)
Alias Name:	304347
Alias Type:	Project Code (Site Code)
Alias Name:	19700002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/29/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	01/23/2002
Comments:	Not reported

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/12/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/26/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/12/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110012247899

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HOOVER STREET ELEMENTARY (Continued) **1005415540**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1005415540
Registry ID:	110012247899
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012247899

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99 NNW 1/2-1 0.754 mi. 3982 ft. **BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1** **CA ENVIROSTOR** **S100937410**
2401 WILSHIRE BOULEVARD **CA SCH** **N/A**
LOS ANGELES, CA 90057

Relative: Higher
Actual: 301 ft.

ENVIROSTOR:

Name:	BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1
Address:	2401 WILSHIRE BOULEVARD
City,State,Zip:	LOS ANGELES, CA 90057-3304
Facility ID:	19820042
Status:	Certified
Status Date:	05/24/2002
Site Code:	304013
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	1.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.06037
Longitude:	-118.2797
APN:	5141005901
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Arsenic Asbestos Containing Materials (ACM Chlordane DDD DDE DDT Lead Cadmium and compounds
Confirmed COC:	Arsenic Lead
Potential Description:	AQUI, SOIL
Alias Name:	BELMONT/HOLLYWOOD ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	OTIS ART INSTITUTE LAUSD/VCA
Alias Type:	Alternate Name
Alias Name:	OTIS NEW ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	5141005901
Alias Type:	APN
Alias Name:	110033618146

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Alias Type: EPA (FRS #)
Alias Name: 304013
Alias Type: Project Code (Site Code)
Alias Name: 19820042
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/24/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/03/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 03/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2002
Comments: Approximately 74 tons of contaminated soil (arsenic, lead) was excavated and disposed of off-site. No further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/15/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/08/2001
Comments: Not reported

Future Area Name: Not reported

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1
Address:	2401 WILSHIRE BOULEVARD
City,State,Zip:	LOS ANGELES, CA 90057-3304
Facility ID:	19820042
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.8
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304013
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	Certified
Status Date:	05/24/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.06037
Longitude:	-118.2797
APN:	5141005901
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Arsenic, Asbestos Containing Materials (ACM, Chlordane, DDD, DDE, DDT, Lead, Cadmium and compounds
Confirmed COC:	Arsenic, Lead
Potential Description:	AQUI, SOIL
Alias Name:	BELMONT/HOLLYWOOD ELEMENTARY SCHOOL #1
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	OTIS ART INSTITUTE LAUSD/VCA
Alias Type:	Alternate Name
Alias Name:	OTIS NEW ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	5141005901
Alias Type:	APN
Alias Name:	110033618146
Alias Type:	EPA (FRS #)
Alias Name:	304013
Alias Type:	Project Code (Site Code)
Alias Name:	19820042

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/24/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 04/03/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 03/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2002
Comments: Approximately 74 tons of contaminated soil (arsenic, lead) was excavated and disposed of off-site. No further removal/remedial action is necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 04/15/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/08/2001
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

BELMONT/HOLLYWOOD ELEMENTARY SCH. NO. 1 (Continued) **S100937410**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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100 WSW 1/2-1 0.774 mi. 4089 ft.

MAGNOLIA ELEMENTARY SCHOOL REDESIGN
1626 SOUTH ORCHARD AVENUE
LOS ANGELES, CA 90006

CA ENVIROSTOR **S118756585**
CA SCH **N/A**
CA HAZMAT
CA CERS

Relative: Lower

Actual: 233 ft.

ENVIROSTOR:

Name:	MAGNOLIA ELEMENTARY SCHOOL REDESIGN
Address:	1626 SOUTH ORCHARD AVENUE
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	19820078
Status:	No Action Required
Status Date:	10/04/2002
Site Code:	304363
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	.35
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.04352
Longitude:	-118.2884
APN:	5056014909
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LAUSD-MAGNOLIA ES REDESIGN ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MAGNOLIA ELEMENATRY SCHOOL REDESIGN
Alias Type:	Alternate Name
Alias Name:	5056014909
Alias Type:	APN
Alias Name:	304363
Alias Type:	Project Code (Site Code)
Alias Name:	19820078
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1

MAGNOLIA ELEMENTARY SCHOOL REDESIGN (Continued) **S118756585**

Completed Date:	04/10/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/01/2002
Comments:	MITIGATED NEGATIVE DECLARATATION & INITIAL STUDY

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/04/2002
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	MAGNOLIA ELEMENTARY SCHOOL REDESIGN
Address:	1626 SOUTH ORCHARD AVENUE
City,State,Zip:	LOS ANGELES, CA 90006
Facility ID:	19820078
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	.35
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304363
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Action Required
Status Date:	10/04/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.04352

MAGNOLIA ELEMENTARY SCHOOL REDESIGN (Continued) **S118756585**

Longitude:	-118.2884
APN:	5056014909
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	LAUSD-MAGNOLIA ES REDESIGN ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	MAGNOLIA ELEMENATRY SCHOOL REDESIGN
Alias Type:	Alternate Name
Alias Name:	5056014909
Alias Type:	APN
Alias Name:	304363
Alias Type:	Project Code (Site Code)
Alias Name:	19820078
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/10/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/01/2002
Comments:	MITIGATED NEGATIVE DECLARATATION & INITIAL STUDY
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/04/2002
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

LOS ANGELES HM:

Name:	LAUSD - MAGNOLIA AVENUE SCHOOL
Address:	1626 S ORCHARD AVE

MAGNOLIA ELEMENTARY SCHOOL REDESIGN (Continued) **S118756585**

City,State,Zip: LOS ANGELES, CA 90006
Facility ID: FA0013624
Last Run Date: 06/01/2019
Status: INACTIVE

CERS:
Name: MAGNOLIA ELEMENTARY
Address: 1626 SOUTH ORCHARD AVENUE
City,State,Zip: LOS ANGELES, CA 90006
Site ID: 371303
CERS ID: 19820078
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

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101 North 1/2-1 0.793 mi. 4188 ft.

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9
450 SOUTH GRAND VIEW STREET
LOS ANGELES, CA 90057

CA ENVIROSTOR **S105628502**
CA SCH **N/A**
CA CERS

Relative: Higher
Actual: 322 ft.

ENVIROSTOR:
Name: CENTRAL LOS ANGELES HIGH SCHOOL NO. 9
Address: 450 SOUTH GRAND VIEW STREET
City,State,Zip: LOS ANGELES, CA 90057
Facility ID: 19730194
Status: No Further Action
Status Date: 11/19/2004
Site Code: 304184
Site Type: School Investigation
Site Type Detailed: School
Acres: 12
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 53
Senate: 24
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.06129
Longitude: -118.2758
APN: 5154032016
Past Use: * BUSINESS SERVICES

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Potential COC: 1,2,4-Trimethylbenzene Total Chromium (1:6 ratio Cr VI:Cr III Nickel Arsenic Dichlorodifluoromethane Cobalt Vanadium and compounds Ethylbenzene Polychlorinated biphenyls (PCBs Zinc Lead Xylenes Benzene Copper and compounds 1,3,5-Trimethylbenzene Chloromethane (methyl chloride Toluene
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CENTRAL LOS ANGELES HIGH SCH. #9 (PROP)
Alias Type: Alternate Name
Alias Name: CENTRAL LOS ANGELES HIGH SCHOOL #9
Alias Type: Alternate Name
Alias Name: LAUSD-NEW H.S.#9 MEDIA/VCA
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 5154032016
Alias Type: APN
Alias Name: 110002657777
Alias Type: EPA (FRS #)
Alias Name: 304184
Alias Type: Project Code (Site Code)
Alias Name: 19730194
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: DTSC entered into a Master Oversight Agreement (Agreement), (Docket Number HSA-A 99/00-051) with the Los Angeles Unified School District (LAUSD) on February 10, 2000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/19/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/12/2001
Comments: DTSC approved the PEA and concurred that no further environmental investigation or cleanup was required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: CENTRAL LOS ANGELES HIGH SCHOOL NO. 9
Address: 450 SOUTH GRAND VIEW STREET
City,State,Zip: LOS ANGELES, CA 90057
Facility ID: 19730194
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 12
National Priorities List: NO

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304184
Assembly:	53
Senate:	24
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/19/2004
Restricted Use:	NO
Funding:	School District
Latitude:	34.06129
Longitude:	-118.2758
APN:	5154032016
Past Use:	* BUSINESS SERVICES
Potential COC:	1,2,4-Trimethylbenzene, 1,2,4-Trimethylbenzene, Total Chromium (1:6 ratio Cr VI:Cr III, Nickel, Arsenic, Dichlorodifluoromethane, Cobalt, Vanadium and compounds, Ethylbenzene, Polychlorinated biphenyls (PCBs, Zinc, Lead, Xylenes, Benzene, Copper and compounds, 1,3,5-Trimethylbenzene, Chloromethane (methyl chloride, Toluene
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	CENTRAL LOS ANGELES HIGH SCH. #9 (PROP)
Alias Type:	Alternate Name
Alias Name:	CENTRAL LOS ANGELES HIGH SCHOOL #9
Alias Type:	Alternate Name
Alias Name:	LAUSD-NEW H.S.#9 MEDIA/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5154032016
Alias Type:	APN
Alias Name:	110002657777
Alias Type:	EPA (FRS #)
Alias Name:	304184
Alias Type:	Project Code (Site Code)
Alias Name:	19730194
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	DTSC entered into a Master Oversight Agreement (Agreement), (Docket Number HSA-A 99/00-051) with the Los Angeles Unified School District (LAUSD) on February 10, 2000.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/19/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/25/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/12/2001
Comments: DTSC approved the PEA and concurred that no further environmental investigation or cleanup was required at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/09/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/27/2004
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

CENTRAL LOS ANGELES HIGH SCHOOL NO. 9 (Continued) **S105628502**

Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CERS:

Name:	CENTRAL LOS ANGELES
Address:	450 SOUTH GRAND VIEW STREET
City,State,Zip:	LOS ANGELES, CA 90057
Site ID:	335898
CERS ID:	19730194
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Supervisor
Entity Name:	JAVIER HINOJOSA
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

102
ENE
1/2-1
0.844 mi.
4458 ft.

GRATTS NEW PRIMARY CENTER
WEST 6TH STREET/BIXEL STREET
LOS ANGELES, CA 90017

CA ENVIROSTOR **S105628645**
CA SCH **N/A**

Relative:
Higher

Actual:
376 ft.

ENVIROSTOR:

Name:	GRATTS NEW PRIMARY CENTER
Address:	WEST 6TH STREET/BIXEL STREET
City,State,Zip:	LOS ANGELES, CA 90017
Facility ID:	19880042
Status:	Certified
Status Date:	01/11/2008
Site Code:	304283
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	2.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05440
Longitude:	-118.2620

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: IA, SOIL, SV
Alias Name: GRATTS NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-GRATTS NEW PC
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033620703
Alias Type: EPA (FRS #)
Alias Name: 304283
Alias Type: Project Code (Site Code)
Alias Name: 19880042
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/12/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/25/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/09/2007
Comments: Tech memo approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/15/2006
Comments: Site previously demolished and graded; requires changes to scope of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Completed Document Type: Removal Action Workplan
Completed Date: 06/15/2007
Comments: DTSC approved the Removal Action Workplan as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/06/2007
Comments: fieldwork has been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/26/2007
Comments: Approval of Removal Action Completion Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/11/2008
Comments: The project has been certified by management.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/30/2008
Comments: The project is now considered complete.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: GRATTS NEW PRIMARY CENTER
Address: WEST 6TH STREET/BIXEL STREET
City,State,Zip: LOS ANGELES, CA 90017
Facility ID: 19880042
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304283
Assembly: 53
Senate: 24
Special Program Status: Not reported
Status: Certified
Status Date: 01/11/2008
Restricted Use: NO
Funding: School District
Latitude: 34.05440
Longitude: -118.2620
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: Lead
Confirmed COC: NONE SPECIFIED
Potential Description: IA, SOIL, SV
Alias Name: GRATTS NEW PRIMARY CENTER
Alias Type: Alternate Name
Alias Name: LAUSD-GRATTS NEW PC
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110033620703
Alias Type: EPA (FRS #)
Alias Name: 304283
Alias Type: Project Code (Site Code)
Alias Name: 19880042
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/12/2004
Comments: Not reported

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/15/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/25/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 01/09/2007
Comments: Tech memo approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 12/15/2006
Comments: Site previously demolished and graded; requires changes to scope of investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/15/2007
Comments: DTSC approved the Removal Action Workplan as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/06/2007
Comments: fieldwork has been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/26/2007
Comments: Approval of Removal Action Completion Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

GRATTS NEW PRIMARY CENTER (Continued) **S105628645**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/20/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/11/2008
Comments: The project has been certified by management.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/30/2008
Comments: The project is now considered complete.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

103
NE
1/2-1
0.955 mi.
5043 ft.

Relative:
Higher

Actual:
399 ft.

GRATTS ELEMENTARY SCHOOL
309 LUCAS AVE
LOS ANGELES, CA 90017

CA ENVIROSTOR **S104576005**
CA CPS-SLIC **N/A**
CA SCH
CA ENF
CA HIST CORTESE
CA CIWQS
CA CERS

ENVIROSTOR:
Name: GRATTS ELEMENTARY SCHOOL
Address: 309 LUCAS AVENUE
City,State,Zip: LOS ANGELES, CA 90017
Facility ID: 19820074
Status: Certified / Operation & Maintenance
Status Date: 07/09/2014
Site Code: 300762
Site Type: School Cleanup
Site Type Detailed: School
Acres: 5.2
NPL: NO

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Joe Hwong
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	53
Senate:	24
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05784
Longitude:	-118.2623
APN:	5153-025-900, 5153-025-901, 5153-025-902, 5153-025-903, 5153-025-904, 5153-025-905, 5153-025-906, 5153-025-907, 5153-025-908, 5153-025-909, 5153025901, 5153025909
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Benzene Tetrachloroethylene (PCE TPH-diesel
Confirmed COC:	Benzene Tetrachloroethylene (PCE TPH-diesel
Potential Description:	OTH
Alias Name:	GRATTS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	GRATTS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5153-025-900
Alias Type:	APN
Alias Name:	5153-025-901
Alias Type:	APN
Alias Name:	5153-025-902
Alias Type:	APN
Alias Name:	5153-025-903
Alias Type:	APN
Alias Name:	5153-025-904
Alias Type:	APN
Alias Name:	5153-025-905
Alias Type:	APN
Alias Name:	5153-025-906
Alias Type:	APN
Alias Name:	5153-025-907
Alias Type:	APN
Alias Name:	5153-025-908
Alias Type:	APN
Alias Name:	5153-025-909
Alias Type:	APN
Alias Name:	5153025901
Alias Type:	APN
Alias Name:	5153025909
Alias Type:	APN
Alias Name:	110033620696
Alias Type:	EPA (FRS #)
Alias Name:	T0603700588
Alias Type:	GeoTracker Global ID
Alias Name:	300762
Alias Type:	Project Code (Site Code)
Alias Name:	19820074

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/15/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2016
Comments: Annual Cost Estimates Letter, dated 9/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimate letter sent to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2018
Comments: FY 18/19 Estimate: $ 23,187

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 08/09/2004
Comments: Not reported

Completed Area Name: GW OU

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 04/10/2014
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/02/2005
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/25/2006
Comments: No Comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/07/2006
Comments: Approved the report with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/24/2007
Comments: Comments sent for future

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2007
Comments: Conditional approval with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2007
Comments: accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2007
Comments: Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/03/2008
Comments: Acceped with the comments to be considered in the future.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/23/2008

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Comments: DTSC approved the Pilot Study Workplan for implementation provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/17/2008
Comments: DTSC did not have any comments on the Report

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 07/01/2008
Comments: DTSC approved the Pilot Study Workplan for implementation provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 08/19/2009
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/30/2008
Comments: DTSC accepted the Operation and Maintenance report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/23/2008
Comments: DTSC accepted Operation and Maintenance report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/29/2009
Comments: DTSC concurred with the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/29/2010
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Date: 05/20/2010
Comments: DTSC concurred with the report.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2010
Comments: DTSC reviewed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/07/2010
Comments: DTSC approved the O&M report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/24/2013
Comments: DTSC finalized a Community Profile

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/24/2013
Comments: DTSC finalized a Fact Sheet

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/16/2013
Comments: DTSC approved the OMP

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/08/2011
Comments: DTSC reviwed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/11/2011
Comments: DTSC did not have any comments on the O&M report

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/18/2011
Comments: DTSC issued comments on the injection pilot test

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2011
Comments: DTSC reviewed the O&M report and had no comments

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/18/2013
Comments: Approval of RAW for Implementaton letter w/ Public RTC and NOE.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/09/2011
Comments: DTSC comments on the injection pilot test results will be addressed in the removal action workplan

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/29/2012
Comments: DTSC reviewed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 02/07/2012
Comments: DTSC concurred with the proposed microbial testing

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 03/12/2012
Comments: DTSC provided a comment on the TM that should be addressed in the draft RAW

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/03/2012
Comments: DTSC issued comments on the 3rd and 4th Quarter 2011 remediation status report

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/14/2012
Comments: DTSC approved the O&M report provided DTSC comments are incorporated in future fieldwork/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/13/2012
Comments: DTSC approved the remediation status report with comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/25/2012
Comments: DTSC approved the O&M report without comments

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/24/2013
Comments: DTSC concurs with the report conclusions and recommendations and provided minor comments which may be addressed in future report submittals.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/24/2013
Comments: DTSC finalized a Public Notice

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/19/2014
Comments: DTSC approved the O&M report/RACR provided DTSC comments are addressed in future reports/fieldwork

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/03/2013
Comments: The Report included National Pollutant Discharge Elimination System, Interim Measure Status, and Groundwater and Soil Vapor Monitoring Report for the First Quarter 2013. DTSC concurs with the Report's recommendations and considers the Report to be Final.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/25/2013
Comments: DTSC approved the report provided comments are addressed in future reports/fieldwork

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/14/2014
Comments: DTSC approved the O&M report with comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/18/2014
Comments: DTSC approved the O&M report provided comments are addressed during fieldwork/future reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/02/2015
Comments: DTSC concurred with the O&M report provided DTSC comments are addressed during field work/future reports

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/09/2015
Comments: DTSC approved the O&M report provided comments are addressed in future reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/09/2015
Comments: DTSC approved the O&M report provided DTSC comments are incorporated in future field work/reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/31/2015
Comments: Concurred with some comments.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/22/2015
Comments: Concurred with the Recommendations to Semi Annual Monitoring (Groundwater/Soil Vapor)from Quarterly.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/01/2016
Comments: DTSC issued a conditional approval of the semi annual monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/25/2016
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2017
Comments: DTSC approved the report provided comments are addressed in future reports/during fieldwork.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/01/2017
Comments: DTSC concurred with the O&M report provided comments are addressed in future reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Date: 02/15/2018
Comments: DTSC approved the monitoring report with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/19/2019
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: GW OU
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 11/08/2019
Schedule Revised Date: Not reported

CPS-SLIC:

Name: GRATTS ELEMENTARY SCHOOL
Address: 309 LUCAS AVE
City,State,Zip: LOS ANGELES, CA 90017
Region: STATE
Facility Status: Open - Inactive
Status Date: 01/30/2015
Global Id: T0603700588
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number: 19820074
Latitude: 34.0582226
Longitude: -118.2617347
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: LOS ANGELES, CITY OF
RB Case Number: 900170089
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SCH:

Name: GRATTS ELEMENTARY SCHOOL
Address: 309 LUCAS AVENUE
City,State,Zip: LOS ANGELES, CA 90017
Facility ID: 19820074
Site Type: School Cleanup
Site Type Detail: School

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5.2
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Joe Hwong
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	300762
Assembly:	53
Senate:	24
Special Program Status:	Voluntary Cleanup Program
Status:	Certified / Operation & Maintenance
Status Date:	07/09/2014
Restricted Use:	NO
Funding:	School District
Latitude:	34.05784
Longitude:	-118.2623
APN:	5153-025-900, 5153-025-901, 5153-025-902, 5153-025-903, 5153-025-904, 5153-025-905, 5153-025-906, 5153-025-907, 5153-025-908, 5153-025-909, 5153025901, 5153025909
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Benzene, Tetrachloroethylene (PCE, TPH-diesel
Confirmed COC:	Benzene, Tetrachloroethylene (PCE, TPH-diesel
Potential Description:	OTH
Alias Name:	GRATTS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	GRATTS ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	5153-025-900
Alias Type:	APN
Alias Name:	5153-025-901
Alias Type:	APN
Alias Name:	5153-025-902
Alias Type:	APN
Alias Name:	5153-025-903
Alias Type:	APN
Alias Name:	5153-025-904
Alias Type:	APN
Alias Name:	5153-025-905
Alias Type:	APN
Alias Name:	5153-025-906
Alias Type:	APN
Alias Name:	5153-025-907
Alias Type:	APN
Alias Name:	5153-025-908
Alias Type:	APN
Alias Name:	5153-025-909
Alias Type:	APN
Alias Name:	5153025901
Alias Type:	APN
Alias Name:	5153025909
Alias Type:	APN
Alias Name:	110033620696

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Alias Type: EPA (FRS #)
Alias Name: T0603700588
Alias Type: GeoTracker Global ID
Alias Name: 300762
Alias Type: Project Code (Site Code)
Alias Name: 19820074
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/28/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/15/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/09/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/22/2015
Comments: Annual Cost Estimate emailed and mailed to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/15/2016
Comments: Annual Cost Estimates Letter, dated 9/15/16, sent to LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/30/2017
Comments: Annual cost estimate letter sent to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/09/2018
Comments: FY 18/19 Estimate: $ 23,187

Completed Area Name: GW OU

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 08/09/2004
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 04/10/2014
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 05/02/2005
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/25/2006
Comments: No Comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/07/2006
Comments: Approved the report with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/24/2007
Comments: Comments sent for future

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/14/2007
Comments: Conditional approval with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2007
Comments: accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2007
Comments: Accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/03/2008

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Comments: Acceped with the comments to be considered in the future.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/23/2008
Comments: DTSC approved the Pilot Study Workplan for implementation provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/17/2008
Comments: DTSC did not have any comments on the Report

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 07/01/2008
Comments: DTSC approved the Pilot Study Workplan for implementation provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 08/19/2009
Comments: DTSC approved the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/30/2008
Comments: DTSC accepted the Operation and Maintenance report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/23/2008
Comments: DTSC accepted Operation and Maintenance report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/08/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/29/2009
Comments: DTSC concurred with the report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Date: 01/29/2010
Comments: Not reported

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/20/2010
Comments: DTSC concurred with the report.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/28/2010
Comments: DTSC reviewed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/07/2010
Comments: DTSC approved the O&M report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 01/24/2013
Comments: DTSC finalized a Community Profile

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/24/2013
Comments: DTSC finalized a Fact Sheet

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/16/2013
Comments: DTSC approved the OMP

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/08/2011
Comments: DTSC reviwed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/11/2011
Comments: DTSC did not have any comments on the O&M report

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/18/2011
Comments: DTSC issued comments on the injection pilot test

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2011
Comments: DTSC reviewed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 03/18/2013
Comments: Approval of RAW for Implementaton letter w/ Public RTC and NOE.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/09/2011
Comments: DTSC comments on the injection pilot test results will be addressed in the removal action workplan

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/29/2012
Comments: DTSC reviewed the O&M report and had no comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 02/07/2012
Comments: DTSC concurred with the proposed microbial testing

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 03/12/2012
Comments: DTSC provided a comment on the TM that should be addressed in the draft RAW

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/03/2012
Comments: DTSC issued comments on the 3rd and 4th Quarter 2011 remediation status report

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/14/2012
Comments: DTSC approved the O&M report provided DTSC comments are incorporated in future fieldwork/reports.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/13/2012
Comments: DTSC approved the remediation status report with comments

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/25/2012
Comments: DTSC approved the O&M report without comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/24/2013
Comments: DTSC concurs with the report conclusions and recommendations and provided minor comments which may be addressed in future report submittals.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/24/2013
Comments: DTSC finalized a Public Notice

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/19/2014
Comments: DTSC approved the O&M report/RACR provided DTSC comments are addressed in future reports/fieldwork

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/03/2013
Comments: The Report included National Pollutant Discharge Elimination System, Interim Measure Status, and Groundwater and Soil Vapor Monitoring Report for the First Quarter 2013. DTSC concurs with the Report's recommendations and considers the Report to be Final.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/25/2013
Comments: DTSC approved the report provided comments are addressed in future reports/fieldwork

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/14/2014
Comments: DTSC approved the O&M report with comments

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/18/2014
Comments: DTSC approved the O&M report provided comments are addressed during fieldwork/future reports

Completed Area Name: GW OU

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/02/2015
Comments: DTSC concurred with the O&M report provided DTSC comments are addressed during field work/future reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/09/2015
Comments: DTSC approved the O&M report provided comments are addressed in future reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 06/09/2015
Comments: DTSC approved the O&M report provided DTSC comments are incorporated in future field work/reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/31/2015
Comments: Concurred with some comments.

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/22/2015
Comments: Concurred with the Recommendations to Semi Annual Monitoring (Groundwater/Soil Vapor)from Quarterly.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/01/2016
Comments: DTSC issued a conditional approval of the semi annual monitoring report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/25/2016
Comments: Concurred with the Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 03/20/2017
Comments: DTSC approved the report provided comments are addressed in future reports/during fieldwork.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 11/01/2017

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Comments: DTSC concurred with the O&M report provided comments are addressed in future reports

Completed Area Name: GW OU
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/15/2018
Comments: DTSC approved the monitoring report with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 02/19/2019
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: GW OU
Schedule Sub Area Name: Not reported
Schedule Document Type: 5 Year Review Reports
Schedule Due Date: 11/08/2019
Schedule Revised Date: Not reported

ENF:
Name: GRATTS ELEMENTARY SCHOOL
Address: 309 LUCAS AVENUE
City,State,Zip: LOS ANGELES, CA 90017
Region: 4
Facility Id: 266923
Agency Name: Los Angeles USD Office of Environmental Health & Safety
Place Type: Residence/Education
Place Subtype: Educational Facilities
Facility Type: All other facilities
Agency Type: Special District
Of Agencies: 1
Place Latitude: 34.058216
Place Longitude: -118.261692
SIC Code 1: 8211
SIC Desc 1: Elementary and Secondary Schools
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	900170089
Reg Measure Id:	167913
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	230263
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	06/28/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/28/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 900170089
Description:	Notice of Violation sent 6/28/00 for FTS SAR & free product recovery report.
Program:	UST
Latest Milestone Completion Date:	Not reported

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	GRATTS ELEMENTARY SCHOOL
Address:	309 LUCAS AVENUE
City,State,Zip:	LOS ANGELES, CA 90017
Region:	4
Facility Id:	266923
Agency Name:	Los Angeles USD Office of Environmental Health & Safety
Place Type:	Residence/Education
Place Subtype:	Educational Facilities
Facility Type:	All other facilities
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	34.058216
Place Longitude:	-118.261692
SIC Code 1:	8211
SIC Desc 1:	Elementary and Secondary Schools
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	900170089
Reg Measure Id:	167913
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	227893
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	09/12/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/12/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 900170089
Description:	Notice of Violation sent 9/12/00 for overdue SAR 2Q00 groundwater monitoring report & 4 free product recovery reports.
Program:	UST
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	GRATTS ELEMENTARY SCHOOL
Address:	309 LUCAS AVENUE
City,State,Zip:	LOS ANGELES, CA 90017
Region:	4
Facility Id:	266923
Agency Name:	Los Angeles USD Office of Environmental Health & Safety
Place Type:	Residence/Education
Place Subtype:	Educational Facilities
Facility Type:	All other facilities
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	34.058216
Place Longitude:	-118.261692

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

SIC Code 1:	8211
SIC Desc 1:	Elementary and Secondary Schools
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.015
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B196800051
Reg Measure Id:	194110
Reg Measure Type:	Enrollee
Region:	4
Order #:	R4-2013-0043
Npdes# CA#:	CAG914001
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/25/2015
Effective Date:	11/15/2002
Expiration/Review Date:	03/07/2018
Termination Date:	06/24/2015
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	15 - WDRs pending rescission
Direction/Voice:	Passive
Enforcement Id(EID):	396999
Region:	4
Order / Resolution Number:	R4-2014-0080
Enforcement Action Type:	Admin Civil Liability

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Effective Date:	06/01/2015
Adoption/Issuance Date:	06/01/2015
Achieve Date:	Not reported
Termination Date:	07/01/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	06/18/2014
Status:	Historical
Title:	ACL R4-2014-0080 for Los Angeles USD Office of Environmental Health & Safety
Description:	4Q10, 1Q11 late SMRs. 9 effluent violations: 1 in 3Q09 (pH) and 1 in 4Q09 (Lead); 7 selenium violations in the 3rd and 4th quarters of 2013.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	6/30/2015
# Of Programs1:	1
Total Assessment Amount:	36000
Initial Assessed Amount:	36000
Liability $ Amount:	36000
Project $ Amount:	0
Liability $ Paid:	36000
Project $ Completed:	0
Total $ Paid/Completed Amount:	36000

HIST CORTESE:

edr_fname:	GRATTS ELEMENTARY SCHOOL
edr_fadd1:	309 LUCAS
City,State,Zip:	LOS ANGELES, CA 90017
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	900170089

CIWQS:

Name:	GRATTS ELEMENTARY SCHOOL
Address:	309 LUCAS AVENUE
City,State,Zip:	LOS ANGELES, CA 90017
Agency:	Los Angeles USD Office of Environmental Health & Safety
Agency Address:	333 South Beaudry Avenue 28th Floor, Los Angeles, CA 90017
Place/Project Type:	Educational Facilities
SIC/NAICS:	8211
Region:	4
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	R4-2013-0043
WDID:	4B196800051
NPDES Number:	CAG914001
Adoption Date:	Not reported
Effective Date:	11/15/2002
Termination Date:	06/24/2015
Expiration/Review Date:	03/07/2018
Design Flow:	0.015
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	1

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Violations within 5 years:	0
Latitude:	34.058216
Longitude:	-118.261692

Name:	GRATTS ELEMENTARY SCHOOL
Address:	309 LUCAS
City,State,Zip:	LOS ANGELES, CA 90017
Agency:	Los Angeles Unified School District
Agency Address:	355 S Grand Ave Fl 6, Los Angeles, CA 90071
Place/Project Type:	Construction
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	4 19C301803
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	12/29/1992
Termination Date:	08/27/1996
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.058216
Longitude:	-118.261692

CERS:

Name:	GRATTS ELEMENTARY SCHOOL
Address:	309 LUCAS
City,State,Zip:	LOS ANGELES, CA 90017
Site ID:	350702
CERS ID:	266923
CERS Description:	NPDES Wastewater and Stormwater

Violations:

Site ID:	350702
Site Name:	Gratts Elementary School
Violation Date:	06-27-2006
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	4Q05 effluent violation (11/14/05) ATox (84/90% survival)
Violation Division:	Water Boards
Violation Program:	NPDNONMUNI
Violation Source:	CIWQS

Site ID:	350702
Site Name:	Gratts Elementary School
Violation Date:	09-12-2000
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	FTS April 2000 free product recovery report.
Violation Division:	Water Boards

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Violation Program: UST
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 09-12-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FTS 2Q00 groundwater monitoring report.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Deficient 2Q06 DMR: Acrolein not reported monthly for June.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Deficient 2Q06 DMR: Acrolein not reported monthly for April.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 12-01-2009
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 3Q09 Effluent 7/30/09 (pH IM 6.35/6.5-8.5 pH units)
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 05-14-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 2Q11 Late report: due 8/14/2011, received 8/24/2011, 9 days late.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 06-28-2000
Citation: California Water Code

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Violation Description: Not reported
Violation Notes: FTS March 2000 free product recovery report.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 09-12-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FTS June 2000 free product recovery report.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 06-26-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Lead, Total Recoverable Monthly Average limit is 2.6 ug/L and reported value was 18.6 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 06-27-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 4Q05 effluent violation (11/09/05) ATox (75/90% survival)
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 03-06-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Monthly Average limit is 2.5 ug/L and reported value was 86.4 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 08-16-2013
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 3Q12 Late Report (8/16/13): Report due 11/14/12, received 11/19/12, 5 days late
Violation Division: Water Boards
Violation Program: NPDNONMUNI

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 01-24-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Daily Maximum limit is 8.2 ug/L and reported value was 80.6 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 09-12-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FTS May 2000 free product recovery report.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 05-14-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 1Q11 Late report: Due 5/15/2011, received 8/24/2011, 101 days late.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 12-12-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 3Q07 reporting violation (9/31/07): xylenes, lead, DIPE, TBA, TPH, tss turbidity, bod, settleable solids monthly
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 06-28-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FTS SAR.
Violation Division: Water Boards
Violation Program: UST
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 03-06-2014

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Daily Maximum limit is 5 ug/L and reported value was 86.4 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 03-06-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Daily Maximum limit is 8.2 ug/L and reported value was 90.2 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 01-24-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Monthly Average limit is 4.1 ug/L and reported value was 81.3 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 01-24-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 3Q13 report: did not report constituents monthly
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 12-12-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 3Q07 reporting violation (7/31/07): Xylenes, lead, DIPE, TBA, TPH monthly
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 09-11-2003
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 2Q03 DMR received 20 days late.

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Deficient 3Q06 DMR: Acrolein not reported monthly for September.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 04-10-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Lead, Total Recoverable Daily Maximum limit is 5.2 ug/L and reported value was 22.4 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Deficient 3Q06 DMR: Acrolein not reported monthly for July.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 01-24-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Daily Maximum limit is 8.2 ug/L and reported value was 82.0 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 08-15-2013
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 4Q12 Late Report (2/15/13): Report due 2/14/13, received 2/15/13, 1 day late
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Deficient 2Q06 DMR: Acrolein not reported monthly for May.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 03-06-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Selenium, Total Monthly Average limit is 4.1 ug/L and reported value was 90.2 ug/L.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 12-12-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 3Q07 reporting violation (8/31/07): xylenes, lead, DIPE, TBA, TPH, tss turbidity, bod, settleable solids monthly
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 05-09-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 2Q10 Late report: Due 8/14/2010 Received 8/17/2010, 3 days alte.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 05-13-2014
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 4Q10 Late Report: Due 2/14/2011, received 3/17/2011, 31 days late.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 08-15-2013
Citation: California Water Code
Violation Description: Not reported

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Violation Notes: 4Q11 Late Report (2/15/12): Report due 2/14/12, received 2/15/12, 1 day late
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 4Q06 reported detection limit for lead (5.0 ug/L) > permit effluent limit (2.6 ug/L).
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Violation Date: 02-22-2008
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 4Q07 report missing October monthly DIPE, TBA, TPH.
Violation Division: Water Boards
Violation Program: NPDNONMUNI
Violation Source: CIWQS

Enforcement Action:
Site ID: 350702
Site Name: Gratts Elementary School
Site Address: 309 LUCAS
Site City: LOS ANGELES
Site Zip: 90017
Enf Action Date: 06-01-2015
Enf Action Type: Administrative Enforcement with Penality
Enf Action Description: Administrative Enforcement with Civil Liability (Penality)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Site Address: 309 LUCAS
Site City: LOS ANGELES
Site Zip: 90017
Enf Action Date: 06-28-2000
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: UNSPEC
Enf Action Source: CIWQS

Site ID: 350702
Site Name: Gratts Elementary School
Site Address: 309 LUCAS

GRATTS ELEMENTARY SCHOOL (Continued) **S104576005**

Site City:	LOS ANGELES
Site Zip:	90017
Enf Action Date:	09-12-2000
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	UNSPEC
Enf Action Source:	CIWQS

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104 North 1/2-1 0.971 mi. 5126 ft. | **WEST FOURTH STREET SITE** | **CA ENVIROSTOR** | **S102860895**
2424 WEST 4TH STREET | **N/A**
LOS ANGELES, CA 90057

Relative: Higher
Actual: 320 ft.

ENVIROSTOR:

Name:	WEST FOURTH STREET SITE
Address:	2424 WEST 4TH STREET
City,State,Zip:	LOS ANGELES, CA 90057
Facility ID:	19490210
Status:	Refer: Other Agency
Status Date:	08/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	54
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.06397
Longitude:	-118.2767
APN:	5059025014
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	5059025014
Alias Type:	APN
Alias Name:	19490210
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/03/1993
Comments:	Site screening/file review indicates NFA for DTSC.

WEST FOURTH STREET SITE (Continued) **S102860895**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 09/20/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/20/1990
Comments: Facility Identified: Environmental Assessment conducted by Targhee Inc. Site Screening Done: Environmental Assessment identifies Kaufman World Instruments as property owner. Legal owner on County records is West Fourth Street Apartments. Landfill- type debris, noxious liquids in soil, and petroleum/ hydrocarbon odors observed. Site encompasses 2424, 2506, 2508, and 2510 West 4th St, as well as 417 Park View St.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/04/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 57

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 10/16/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 8

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 59

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/01/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 58

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/11/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/08/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/23/2019
Next Scheduled EDR Contact: 12/02/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/23/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/05/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 18

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/03/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 85

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2019
Next Scheduled EDR Contact: 01/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/21/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 82

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/15/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/27/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 76

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/06/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 140

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 83

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 43

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 68

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 09/27/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 55

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 02/02/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/07/2019
Date Data Arrived at EDR: 10/08/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/16/2019
Date Data Arrived at EDR: 09/18/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 90

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/30/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 10/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/05/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/23/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/23/2019
Date Made Active in Reports: 10/22/2019
Number of Days to Update: 60

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 68

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/12/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 49

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/10/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 72

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/26/2019
Date Data Arrived at EDR: 10/04/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 34

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 71

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/18/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/22/2019
Date Data Arrived at EDR: 08/26/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 64

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/21/2019
Date Data Arrived at EDR: 09/03/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 58

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/25/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/30/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/23/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/09/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 61

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/05/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 61

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/06/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/07/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/08/2019
Number of Days to Update: 38

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/11/2019
Next Scheduled EDR Contact: 12/29/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/05/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/21/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 07/18/2019
Date Data Arrived at EDR: 07/18/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 09/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 64

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 64

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 09/25/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 30

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1700 W OLYMPIC BOULEVARD
1700 W OLYMPIC BOULEVARD
LOS ANGELES, CA 90015

TARGET PROPERTY COORDINATES

Latitude (North):	34.049424 - 34˚ 2' 57.93''
Longitude (West):	118.276039 - 118˚ 16' 33.74''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	382222.5
UTM Y (Meters):	3768175.8
Elevation:	253 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

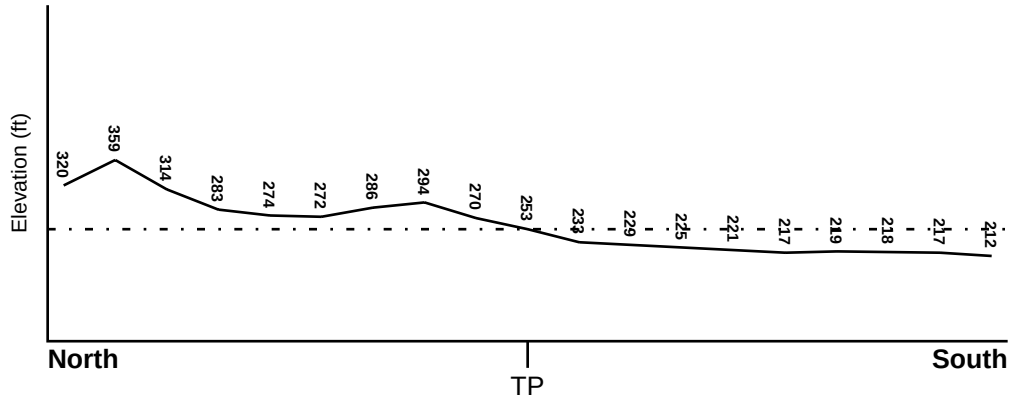
TOPOGRAPHIC INFORMATION

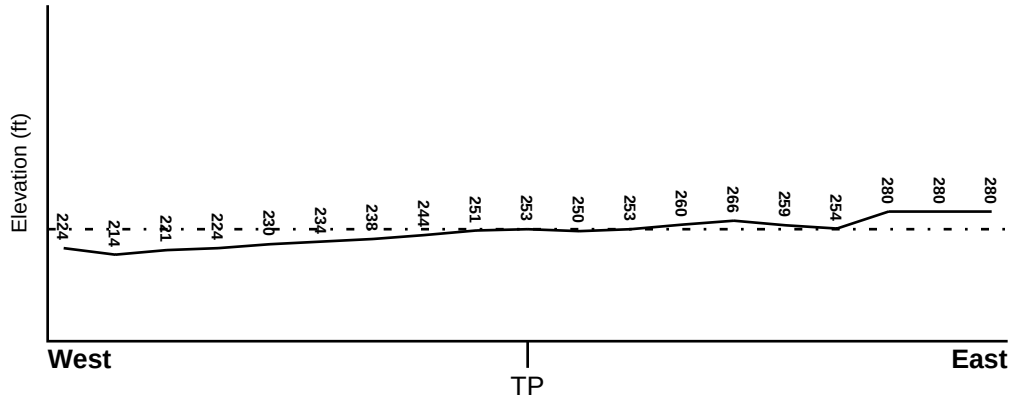
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 253 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C1620F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1610F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HOLLYWOOD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Tertiary
Series:	Miocene
Code:	Tm *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	URBAN LAND
Soil Surface Texture:	variable
Hydrologic Group:	Not reported
Soil Drainage Class:	Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 10 inches
Depth to Bedrock Max:	> 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Surficial Soil Types: sandy loam
gravelly - sandy loam
silt loam
clay
fine sand
gravelly - sand
sand
fine sandy loam

Shallow Soil Types: fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
silty clay
sand

Deeper Soil Types: gravelly - sandy loam
sandy loam
very gravelly - sandy loam
stratified
very fine sandy loam
weathered bedrock
sand
gravelly - fine sandy loam
silty clay loam
clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CA3301863	1/2 - 1 Mile East

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

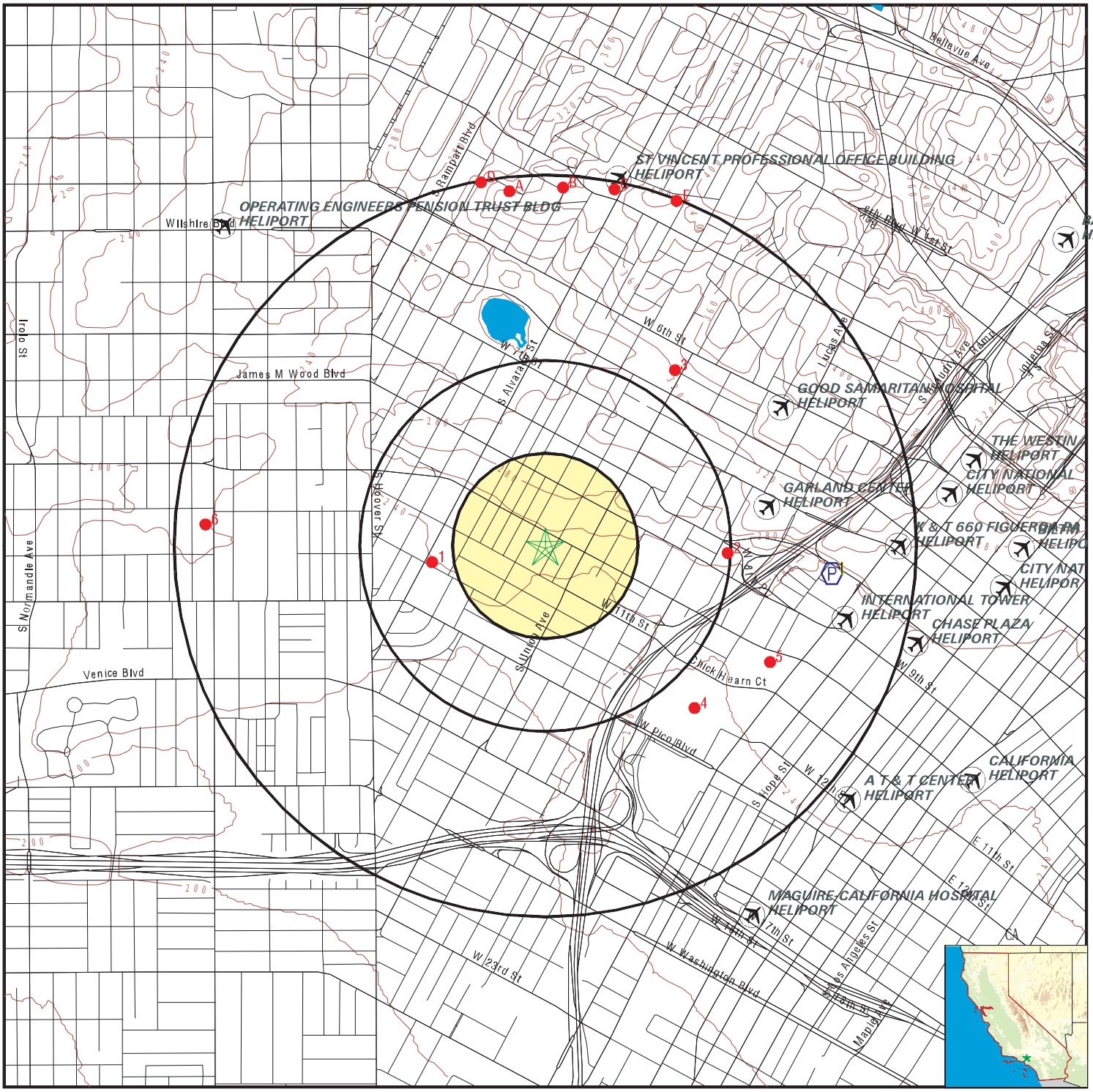
STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000005827	1/4 - 1/2 Mile West
2	CAOG13000014246	1/4 - 1/2 Mile East
3	CAOG13000005815	1/2 - 1 Mile NE
4	CAOG13000134877	1/2 - 1 Mile SE
5	CAOG13000005841	1/2 - 1 Mile ESE
6	CAOG13000005876	1/2 - 1 Mile West
A7	CAOG13000134372	1/2 - 1 Mile North
B8	CAOG13000134034	1/2 - 1 Mile North
A9	CAOG13000133843	1/2 - 1 Mile North
B10	CAOG13000133841	1/2 - 1 Mile North
A11	CAOG13000134381	1/2 - 1 Mile North
A12	CAOG13000134379	1/2 - 1 Mile North
A13	CAOG13000134370	1/2 - 1 Mile North
A14	CAOG13000133842	1/2 - 1 Mile North

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B15	CAOG13000134028	1/2 - 1 Mile North
A16	CAOG13000134378	1/2 - 1 Mile North
B17	CAOG13000133839	1/2 - 1 Mile North
B18	CAOG13000134058	1/2 - 1 Mile North
B19	CAOG13000133757	1/2 - 1 Mile North
A20	CAOG13000134369	1/2 - 1 Mile North
A21	CAOG13000134376	1/2 - 1 Mile North
C22	CAOG13000134057	1/2 - 1 Mile North
B23	CAOG13000134037	1/2 - 1 Mile North
B24	CAOG13000133925	1/2 - 1 Mile North
A25	CAOG13000134371	1/2 - 1 Mile North
C26	CAOG13000134467	1/2 - 1 Mile North
B27	CAOG13000134035	1/2 - 1 Mile North
C28	CAOG13000134465	1/2 - 1 Mile North
B29	CAOG13000134026	1/2 - 1 Mile North
A30	CAOG13000133840	1/2 - 1 Mile North
A31	CAOG13000134373	1/2 - 1 Mile North
C32	CAOG13000134056	1/2 - 1 Mile North
B33	CAOG13000133955	1/2 - 1 Mile North
A34	CAOG13000134374	1/2 - 1 Mile North
A35	CAOG13000133884	1/2 - 1 Mile North
B36	CAOG13000134031	1/2 - 1 Mile North
C37	CAOG13000134466	1/2 - 1 Mile North
B38	CAOG13000134040	1/2 - 1 Mile North
A39	CAOG13000134367	1/2 - 1 Mile North
B40	CAOG13000134027	1/2 - 1 Mile North
B41	CAOG13000134030	1/2 - 1 Mile North
D42	CAOG13000134380	1/2 - 1 Mile North
C43	CAOG13000134125	1/2 - 1 Mile North
C44	CAOG13000134644	1/2 - 1 Mile NNE
E45	CAOG13000134095	1/2 - 1 Mile NNE
C46	CAOG13000134643	1/2 - 1 Mile NNE
E47	CAOG13000133669	1/2 - 1 Mile NNE
D48	CAOG13000134375	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 5877588.2s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1700 W Olympic Boulevard	CLIENT:	PlaceWorks
ADDRESS:	1700 W Olympic Boulevard Los Angeles CA 90015	CONTACT:	Denise Clendening
		INQUIRY #:	5877588.2s
LAT/LONG:	34.049424 / 118.276039	DATE:	November 20, 2019 2:10 pm

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Map ID Direction Distance Elevation		Database	EDR ID Number
1 **East** **1/2 - 1 Mile** **Higher**		**FRDS PWS**	**CA3301863**

Epa region:	09	State:	CA
Pwsid:	CA3301863	Pwsname:	Trinity - Anza
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06065
Status:	Active	Retpopsrvd:	75
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	JEFF KANAVAS	Contactorgname:	Trinity - Anza
Contactphone:	9098255588	Contactaddress1:	PO BOX 848
Contactaddress2:	Not Reported	Contactcity:	COLTON
Contactstate:	CA	Contactzip:	92324
Pwsactivitycode:	A		
Pwsid:	CA3301863	Facid:	3
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	CA3301863	Facid:	3
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	manganese removal
Trtprocess:	sequestration	Factypecode:	TP
Pwsid:	CA3301863	Facid:	CA3301863003
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	CA3301863	Facid:	CA3301863003
Facname:	TREATMENT PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	manganese removal
Trtprocess:	sequestration	Factypecode:	TP
PWS ID:	CA3301863	PWS type:	System Owner/Responsible Party
PWS name:	LABORER'S TRAINING FACILITY		
PWS address:	Not Reported	PWS city:	LOS ANGELES
PWS state:	CA	PWS zip:	90017
PWS name:	TRINITY - ANZA	PWS type code:	NTNC
Retail population served:	75	Contact:	JEFF KANAVAS
Contact address:	PO BOX 848	Contact address:	COLTON
Contact city:	CA	Contact state:	92
Contact zip:	9098255588	Contact telephone:	Not Reported
PWS ID:	CA3301863	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00000025	System name:	LABORER'S TRAINING FACILITY
System address:	LABORER'S TRAINING FACILITY		
System address:	TRIPP FLATS RD	System city:	ANZA
System state:	CA	System zip:	92306
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	340254	Longitude:	1181542
Violation id:	0000001	Orig code:	S

State:	CA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	0000002	Orig code:	S
State:	CA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		

Violation id:	0500001	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2004
Cmp edt:	10/31/2004		

Violation id:	0500002	Orig code:	S
State:	CA	Violation Year:	2004
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2004
Cmp edt:	10/31/2004		

System Name:	TRINITY - ANZA	Violation Type:	24
Contaminant:	3100	Compliance Begin:	4/1/2001 0:00:00
Compliance End:	4/30/2001 0:00:00	Violation ID:	0000002
Enforcement Date:	4/12/2007 0:00:00	Enforcement Action:	Not Reported

System Name:	TRINITY - ANZA	Violation Type:	24
Contaminant:	3100	Compliance Begin:	4/1/2001 0:00:00
Compliance End:	4/30/2001 0:00:00	Violation ID:	0000002
Enforcement Date:	No Enf Action as of	Enforcement Action:	10/17/2006 0:00:00

System Name:	TRINITY - ANZA	Violation Type:	26
Contaminant:	3100	Compliance Begin:	10/1/2004 0:00:00
Compliance End:	10/31/2004 0:00:00	Violation ID:	0500001
Enforcement Date:	12/6/2004 0:00:00	Enforcement Action:	SFJ

System Name:	TRINITY - ANZA	Violation Type:	26
Contaminant:	3100	Compliance Begin:	10/01/04
Compliance End:	10/31/04	Violation ID:	0500002
Enforcement Date:	07/01/05	Enforcement Action:	SFJ

Violation ID:	0500001	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	12/06/2004
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

Violation ID:	0500002	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/01/2005
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal

PWS name:	TRINITY - ANZA	Population served:	75
PWS type code:	NTNC	Violation ID:	0000001
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Routine Minor (TCR)
Compliance start date:	4/1/2001 0:00:00	Compliance end date:	4/30/2001 0:00:00
Enforcement date:	No Enf Action as of	Enforcement action:	7/8/2009 0:00:00
Violation measurement:	Not Reported		

PWS name:	TRINITY - ANZA	Population served:	75
PWS type code:	NTNC	Violation ID:	0500002
Contaminant:	COLIFORM (TCR)	Violation type:	Monitoring, Repeat Minor (TCR)
Compliance start date:	10/1/2004 0:00:00	Compliance end date:	10/31/2004 0:00:00
Enforcement date:	7/1/2005 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

Map ID Direction Distance	Database	EDR ID Number

1
West
1/4 - 1/2 Mile

OIL_GAS **CAOG13000005827**

API #:	0403706331	Well #:	1
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Roseberry Corehole
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	Y	SPUD Date:	Not Reported

2
East
1/4 - 1/2 Mile

OIL_GAS **CAOG13000014246**

API #:	0403720793	Well #:	1
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	S.M.J. Corehole
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	Y	SPUD Date:	Not Reported

3
NE
1/2 - 1 Mile

OIL_GAS **CAOG13000005815**

API #:	0403706318	Well #:	1
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Bixel Corehole
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

4
SE
1/2 - 1 Mile

OIL_GAS **CAOG13000134877**

API #:	0403711872	Well #:	1
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Standard-Occidental Albany Cor
Field Name:	Los Angeles Downtown	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID
Direction
Distance

Database | EDR ID Number

5
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000005841**

API #:	0403706334	Well #:	1
Well Status:	Plugged	Well Type:	CH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Salvation Army Corehole
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

6
West
1/2 - 1 Mile

OIL_GAS **CAOG13000005876**

API #:	0403720166	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Phillips Petroleum Company		
Lease Name:	Homestead E.H.	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	Not Reported		

A7
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134372**

API #:	0403725845	Well #:	1
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B8
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134034**

API #:	0403725499	Well #:	12
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID
Direction
Distance

Database | EDR ID Number

A9
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133843**

API #:	0403719165	Well #:	5
Well Status:	Plugged	Well Type:	OG
Operator Name:	C. B. Cates	Lease Name:	Lease by C. B. Cates
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B10
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133841**

API #:	0403719163	Well #:	3
Well Status:	Plugged	Well Type:	OG
Operator Name:	C. B. Cates	Lease Name:	Lease by C. B. Cates
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A11
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134381**

API #:	0403725854	Well #:	5
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A12
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134379**

API #:	0403725852	Well #:	6
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

A13
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134370**

API #:	0403725843	Well #:	2
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A14
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133842**

API #:	0403719164	Well #:	4
Well Status:	Plugged	Well Type:	OG
Operator Name:	C. B. Cates	Lease Name:	Lease by C. B. Cates
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B15
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134028**

API #:	0403725493	Well #:	6
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A16
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134378**

API #:	0403725851	Well #:	3
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

B17
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133839**

API #:	0403719161	Well #:	1
Well Status:	Plugged	Well Type:	OG
Operator Name:	C. B. Cates	Lease Name:	Lease by C. B. Cates
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B18
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134058**

API #:	0403725528	Well #:	23
Well Status:	Idle	Well Type:	OG
Operator Name:	Chas. V. Hall	Lease Name:	Lease by Chas. V. Hall
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B19
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133757**

API #:	0403719074	Well #:	1
Well Status:	Plugged	Well Type:	OG
Operator Name:	Andrew M. Anderson	Lease Name:	Lease by Andrew M. Anderson
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A20
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134369**

API #:	0403725842	Well #:	13
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID
Direction
Distance

	Database	EDR ID Number
A21 **North** **1/2 - 1 Mile**	**OIL_GAS**	**CAOG13000134376**

API #:	0403725849	Well #:	4
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C22 **North** **1/2 - 1 Mile**	**OIL_GAS**	**CAOG13000134057**

API #:	0403725527	Well #:	24
Well Status:	Idle	Well Type:	OG
Operator Name:	Chas. V. Hall	Lease Name:	Lease by Chas. V. Hall
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B23 **North** **1/2 - 1 Mile**	**OIL_GAS**	**CAOG13000134037**

API #:	0403725502	Well #:	21
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B24 **North** **1/2 - 1 Mile**	**OIL_GAS**	**CAOG13000133925**

API #:	0403723886	Well #:	11
Well Status:	Plugged	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

A25
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134371**

API #:	0403725844	Well #:	11
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C26
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134467**

API #:	0403725940	Well #:	1
Well Status:	Idle	Well Type:	OG
Operator Name:	Mutual Benefit Oil Co.	Lease Name:	Lease by Mutual Benefit Oil Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B27
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134035**

API #:	0403725500	Well #:	13
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C28
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134465**

API #:	0403725938	Well #:	3
Well Status:	Idle	Well Type:	OG
Operator Name:	Mutual Benefit Oil Co.	Lease Name:	Lease by Mutual Benefit Oil Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

B29
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134026**

API #:	0403725491	Well #:	7
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A30
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133840**

API #:	0403719162	Well #:	2
Well Status:	Plugged	Well Type:	OG
Operator Name:	C. B. Cates	Lease Name:	Lease by C. B. Cates
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A31
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134373**

API #:	0403725846	Well #:	10
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C32
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134056**

API #:	0403725526	Well #:	25
Well Status:	Idle	Well Type:	OG
Operator Name:	Chas. V. Hall	Lease Name:	Lease by Chas. V. Hall
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID
Direction
Distance

Database EDR ID Number

B33
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133955**

API #:	0403725420	Well #:	5
Well Status:	Idle	Well Type:	OG
Operator Name:	Andrew M. Anderson	Lease Name:	Lease by Andrew M. Anderson
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A34
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134374**

API #:	0403725847	Well #:	7A
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A35
North
1/2 - 1 Mile

OIL_GAS **CAOG13000133884**

API #:	0403723853	Well #:	14
Well Status:	Plugged	Well Type:	OG
Operator Name:	R. H. Alexander, Jr.	Lease Name:	Lease by R. H. Alexander, Jr.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B36
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134031**

API #:	0403725496	Well #:	16
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

C37
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134466**

API #:	0403725939	Well #:	2
Well Status:	Idle	Well Type:	OG
Operator Name:	Mutual Benefit Oil Co.	Lease Name:	Lease by Mutual Benefit Oil Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B38
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134040**

API #:	0403725505	Well #:	10
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A39
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134367**

API #:	0403725840	Well #:	4A
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

B40
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134027**

API #:	0403725492	Well #:	8
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

B41
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134030**

API #:	0403725495	Well #:	17
Well Status:	Idle	Well Type:	OG
Operator Name:	C. Shirm	Lease Name:	Lease by C. Shirm
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

D42
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134380**

API #:	0403725853	Well #:	7
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C43
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134125**

API #:	0403725595	Well #:	1
Well Status:	Idle	Well Type:	OG
Operator Name:	Dogget & Fletcher	Lease Name:	Lease by Dogget & Fletcher
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C44
NNE
1/2 - 1 Mile

OIL_GAS **CAOG13000134644**

API #:	0403726118	Well #:	54
Well Status:	Idle	Well Type:	OG
Operator Name:	Union Consolidated Crude Oil Co.		
Lease Name:	Lease by Union Consolidated Crude Oil Co.		
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID Direction Distance	Database	EDR ID Number

E45
NNE
1/2 - 1 Mile

OIL_GAS **CAOG13000134095**

API #:	0403725565	Well #:	1-C
Well Status:	Idle	Well Type:	OG
Operator Name:	Conoco Inc.	Lease Name:	Lease by Conoco Inc.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

C46
NNE
1/2 - 1 Mile

OIL_GAS **CAOG13000134643**

API #:	0403726117	Well #:	55
Well Status:	Idle	Well Type:	OG
Operator Name:	Union Consolidated Crude Oil Co.		
Lease Name:	Lease by Union Consolidated Crude Oil Co.		
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

E47
NNE
1/2 - 1 Mile

OIL_GAS **CAOG13000133669**

API #:	0403719204	Well #:	1
Well Status:	Plugged	Well Type:	OG
Operator Name:	Off & Campbell	Lease Name:	Lease by Off & Campbell
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

D48
North
1/2 - 1 Mile

OIL_GAS **CAOG13000134375**

API #:	0403725848	Well #:	8
Well Status:	Idle	Well Type:	OG
Operator Name:	L. A. R. R. Co.	Lease Name:	Lease by L. A. R. R. Co.
Field Name:	Los Angeles City	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix C. Site Photographs

Appendix

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PLACEWORKS

SITE PHOTOGRAPHS

Client Name: Pacific Charter School Development

Site Location: 1700 W. Olympic Boulevard, Los Angeles, California

Project No.: BSS-12.0

Photo No:	Date:
1	1/31/2020

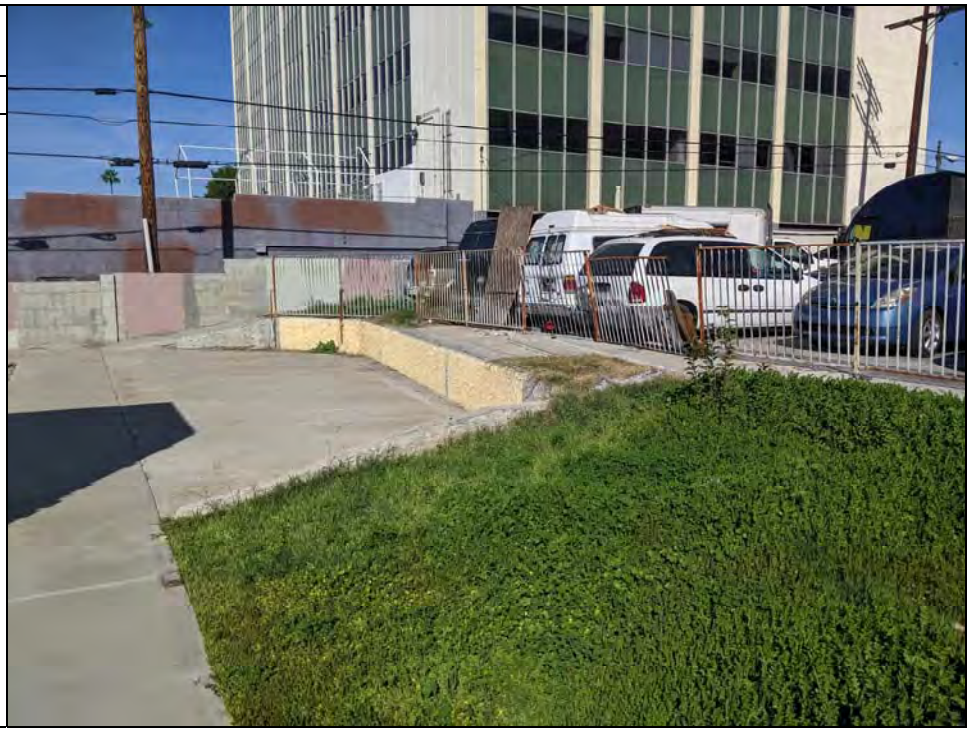
Description:

View of lower private parking lot on southern portion of the site, looking east.

Photo No:	Date:
2	1/31/2020

Description:

View of slope separating upper and lower private parking lots in the central portion of the site, looking northwest.



PLACEWORKS

SITE PHOTOGRAPHS

Client Name: Pacific Charter School Development

Site Location: 1700 W. Olympic Boulevard, Los Angeles, California

Project No.: BSS-12.0

Photo No:	Date:
3	1/31/2020

Description:

View of upper private parking lot including parking attendant booth on northern portion of the site, looking east.

Photo No:	Date:
4	1/31/2020

Description:

View of drilling activities near storage shed and electrical panel structure on western edge of the site, looking southwest.

Appendix D. Phase I Addendum

Appendix

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December 2020 | Phase I Environmental Site Assessment Addendum

Proposed 1700 W. Olympic Boulevard School

for Bright Star Schools

Prepared for:

Bright Star Schools
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PLACEWORKS

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Appendix A. Laboratory Reports

Executive Summary

This document presents a Phase I Environmental Site Assessment (ESA) Addendum Report for Bright Star Schools for the proposed development of a school site at 1700 West Olympic Boulevard in the City of Los Angeles, Los Angeles County, California. Figure 1 shows the regional location of the proposed school site and Figure 2 shows the Local Vicinity. Figure 3 is an aerial photograph showing the project boundaries. The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites. The Phase I concluded that there were no Recognized Environmental Conditions (RECs), no historical Recognized Environmental Conditions (HRECs), and no Controlled Recognized Environmental Conditions (CRECs). However, a Phase I Addendum to assess for potential lead-based paint and organochlorine pesticides (OCPs) from termiticides due to historic structures was recommended in the Phase I ESA following DTSC guidance documents for the project area.

The approximately 1-acre site at 1700 West Olympic Boulevard is identified with Assessor's Parcel Numbers [APNs] 5137-017-014. The project site is currently utilized for private parking with about 60 spaces; only minor structures (i.e., a parking attendant booth and storage bins/sheds) within the boundaries of the project site. The project site is in the Westlake Community Plan area in the City of Los Angeles. The site is over 1,900 feet northwest of State Route 110 (SR-110 or Harbor Freeway) and is bounded by Olympic Boulevard to the north northeast, Beacon Avenue to the east southeast, and a commercial building to the west northwest. Regional access to the project site is provided by Olympic Boulevard to the north northeast. The project site is approximately 0.47-mile southeast of MacArthur Park. The site is surrounded by a highly developed mix of commercial, educational, and residential properties. Figure 3 is an aerial photograph showing current site conditions and the outline of the site boundaries.

The project site was developed in the early 1900s with several structures for residential use. By 1950 the site was occupied with 12 structures including a store, garages, and residential dwellings. From 1977 until 2002, the project site no longer had any structures and remained vacant undeveloped land. From 2002 until 2016 the project site was occupied by two temporary buildings used as a church and a shop. The church and shop buildings were removed in 2016. Figure 4 shows the locations of historic buildings at the site from approximately the 1900s to 1977 and from 2002 to 2016 based on a review of historic information.

Bright Star Schools will be developing the proposed Rise Kohyang Middle School on the project site. The development of the school will be funded by the State and will require approvals and permits from Division of State Architect, California Department of Education, and DTSC. Sampling was conducted following *DTSC's Interim Guidance for Evaluating 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* dated June 2006 to assess the project site for potential lead-based paint and termiticides. No pad or pole mounted transformers

Executive Summary

are located near the project area. Based on the age of the approximately 12 former structures, lead based paint and termiticide testing is required.

The initial sampling program and results are summarized below:

- A total of 96 soil samples plus duplicates were collected. Samples were collected from 48 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Sample locations were selected based on the location of the 12 historic structures that were present from the early 1900s through the 1970s, surface covering, and low-lying areas where contaminants could potentially accumulate.

- Twenty-eight composite soil samples and three composite duplicates soil samples were analyzed for organochlorine pesticides (OCPs) by a State certified laboratory using United States Environmental Protection Agency (EPA) Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from two sample depths.

- Forty-eight soil samples plus five duplicates were analyzed discretely for lead by EPA Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials in the shallow surface samples.

- Chlordane, 4,4'-DDE, dieldrin and heptachlor epoxide were detected in some of the composite samples, primarily in the samples collected from 0.5 feet bgs, and two composite samples that were collected from 2.5 feet bgs.

- One OCP, dieldrin was detected above the DTSC screening levels in two composite samples analyzed from the surface and one surface composite duplicate.

- Lead was detected in all 48 surface soil samples plus the five duplicate samples above laboratory detection limits. Lead concentrations ranged from 3.01 milligrams per kilogram (mg/kg) to 3,890 mg/kg at 0.5' bgs. Nine of the concentrations detected were above DTSC's lead screening level of 80 mg/kg.

Based on the above results, the following step-out samples were collected to delineate the areas of elevated lead and dieldrin:

- Forty-two locations were sampled to define 13 areas of concern identified in the first round of sampling with samples collected from 0.5 feet, 1.5 feet and 2.5 to 3 feet bgs for a total of 138 samples plus duplicates.

- Forty-three discrete step out soil samples plus six duplicates were analyzed for OCPs by EPA Method 8081A.

- Forty-two discrete step out soil samples plus five discrete duplicates were analyzed for lead by EPA Method 6010B.

- Dieldrin was elevated above the DTSC residential screening level in six discrete step out samples. One location, B-23 E, dieldrin was elevated in the sample analyzed from 0.5 and 1.5 feet bgs and was below levels of concern in the sample analyzed at 2.5 feet bgs. At all other locations, the sample analyzed at 1.5 feet bgs was below levels of concern indicating the elevated dieldrin is in the top foot of soil.

- Chlordane, 4,4'-DDE and heptachlor epoxide were reported at low concentrations below residential screening levels in some of the step out samples.

- The 95 percent (%) Upper Confidence Limit (UCL) was calculated for dieldrin using EPA ProUCL 5.1 which calculated a 95% UCL concentration for dieldrin at 0.0268 mg/kg, below the residential screening level of 0.034 mg/kg.

- Risk calculations for OCPs using the maximum detected concentrations is 3.8E-06, above the level of concern of 1.0E-06. Using the 95% UCL concentrations for OCPs, the estimated carcinogenic risk is 8.4E-07, below the level of concern.

- Lead was detected in all step-out samples in concentrations ranging from 1.9 mg/kg to 434 mg/kg in the step out sample locations if lead was elevated above the DTSC SL the deeper sample was analyzed. Lead was elevated in one-step out sample at 1.5 feet bgs but was below the DTSC SL at 2.5 feet.

- The 95% UCL for lead using EPA ProUCL 5.1 is 119.4 mg/kg. The estimated blood lead level using DTSC's Lead Risk Assessment Spreadsheet Version 8 results in an estimated blood lead level for a child at 1.5 μg/dL, above the level of concern of 1 μg/dL. This estimate is very conservative for the site since the model assumes a child will be at the site 7 days a week. Additionally, the model assumes that children will come in direct contact with soil from ingestion, dermal contact and dust inhalation. Direct exposure to soil at the site will be limited since the 1-acre site will be primarily covered with the school buildings and hardscaping.

RECOMMENDATIONS

Based on the screening level risk assessment that was implemented for the site, the risk estimate using the maximum concentrations of OCPs, exceed 1E-06, but is within the risk management range. Using the 95 % UCL concentrations, the estimated carcinogenic risk is below 1E-06. Based on the risk calculations, PlaceWorks is recommending no further action for OCPs.

To address the elevated lead found at the northeast corner of the site, the central east area, the center west, the middle and southwest corner, it is recommended that approximately 9 cubic yards of soil be excavated at the site and transported off-site following lawful disposal as non-hazardous, non-RCRA (State) hazardous or RCRA hazardous waste.

Executive Summary

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1. Introduction

This document presents a Phase I ESA Addendum Report on behalf of Bright Star Schools for the proposed school site located at 1700 West Olympic Boulevard, City of Los Angeles, Los Angeles County, California. Figure 1 shows the regional location of the proposed school site and Figure 2 shows the local vicinity. Figure 3 is an aerial photograph showing the boundaries of the project areas. The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and also followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites. The Phase I concluded that there were no Recognized Environmental Conditions (RECs), no historical Recognized Environmental Conditions (HRECs), and no Controlled Recognized Environmental Conditions (CRECs). A Phase I Addendum to assess for potential lead-based paint and organochlorine pesticides (OCPs) from termiticides was recommended in the Phase I following DTSC guidance documents for the project site where former structures had been located.

The approximately 1-acre site at 1700 West Olympic Boulevard is identified with Assessor's Parcel Numbers [APNs] 5137-017-014. The project site is currently utilized for private parking. Currently, there are only minor structures (i.e., a parking attendant booth and storage bins/sheds) within the boundaries of the project site. The project site is in the Westlake Community Plan area in the City of Los Angeles. The site is over 1,900 feet northwest of State Route 110 (Harbor Freeway) and is bounded by Olympic Boulevard to the north northeast, Beacon Avenue to the east southeast, and a commercial building to the west northwest. Regional access to the project site is provided by Olympic Boulevard to the north northeast. The project site is approximately 0.47-mile southeast of MacArthur Park. The site is surrounded by a highly developed mix of commercial, educational and residential properties. Figure 3 is an aerial photograph showing current site conditions and the outline of the site boundaries.

The project site was developed in the early 1900s with several structures for residential and commercial use. During the time period from the early 1900s to approximately 1977 there were approximately 12 structures within the project site. By 1977, the project site no longer had any structures and remained vacant undeveloped land until 2002. From 2002 until 2016 the project site was occupied by two buildings. Figure 4 shows the locations of historic buildings at the site from the 1900s to 1977 and during 2002 to 2016 based on a review of historic information.

Bright Star Schools will be developing the proposed Rise Kohyang Middle School on the project site. The development of the school will be funded by the State and will require approvals and permits from Division of State Architect, California Department of Education, and DTSC.

Sampling was conducted following *DTSC's Interim Guidance for Evaluating 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* dated June 2006 to assess the project site for potential lead-based paint and

termiticides. No pad or pole mounted transformers are located near the project area. Based on the age of the approximately 12 former structures, lead based paint and termiticide testing is required.

Based on the information obtained during the Phase I, the following investigation was conducted in this Phase I Addendum:

- Potential impacts to soil from lead-based paint and organochlorine pesticides from possible historic use of termiticides were investigated in the vicinity of the 12 former structures. Soil samples were collected and analyzed for lead by EPA Method 6010B and organochlorine pesticides by EPA Method 8081A.

Sampling was conducted using the DTSC's *Interim Guidance for Evaluating 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* (June 2006). The soil sampling was conducted on January 31, 2020. This report summarizes the lead and OCP testing results. Figure 5 shows the sample locations for the initial sampling event and Figures 5a, 5b and 5c show the step out sampling locations for the northern, central, and southern areas on the project site.

1.1 SCOPE OF WORK

The scope of work implemented to prepare this Phase I Addendum included:

- Developing sampling and analysis plans to further assess site conditions.
- Implementing field and laboratory data collection and evaluation to further assess environmental conditions at the site; and
- Preparing this Phase I Addendum report.

A sampling and analyses program was conducted to evaluate the potential presence of lead and organochlorine pesticides in shallow soils due to the potential for lead-based paint and termiticides from historic buildings. The investigation was conducted on January 31, 2020 and step out samples were collected on October 15, 2020. The scope for the field and laboratory investigation is discussed in Section 2. The field and laboratory program included:

- A total of 96 soil samples plus duplicates were collected initially. Samples were collected from 48 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Sample locations were selected based on the location of the 12 historic structures that were present from the early 1900s through the 1970s, surface covering, and low-lying areas where contaminants could potentially accumulate.
- Twenty-eight composite soil samples and three composite duplicates soil samples were analyzed for OCPs by a State certified laboratory using EPA Method 8081A to evaluate the possible impact to soil

from termiticides that may have been used on site. Composite soil samples were analyzed from two sample depths.

- Forty-eight surface soil samples plus five duplicates were analyzed discretely for lead by EPA Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials in the shallow surface samples.
- Step-out samples were collected from 42 boring locations to define 13 areas where either elevated lead or dieldrin were found. Samples were collected from 0.5 feet, 1.5 feet and 2.5 to 3 feet bgs for a total of 138 samples plus duplicates.
- Forty-three discrete step out soil samples plus six duplicates were analyzed for OCPs by EPA Method 8081A.
- Forty-two discrete step out soil samples plus five discrete duplicates were analyzed for lead by EPA Method 6010B.

1. Introduction

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2. Sampling Activities and Results

This section describes methods and results of the soil sampling activities conducted at the site on January 31, 2020 and for the step out samples collected on October 15, 2020. The soil sampling was implemented at the site by the project geologist.

2.1 UTILITY CLEARANCE

Prior to commencement of field activities, USA was notified of our intent to conduct subsurface investigations at least 48 hours prior to initiation of intrusive field tasks. USA contacted all utility owners of record within the site vicinity and notified them of our intention to conduct subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, were expected to clearly mark the position of their utilities on the ground surface throughout the area designated for investigation.

2.2 SOIL SAMPLING

Based on the information from the Phase I, the project site was developed in the early 1900s with several structures for residential and commercial use. By 1977, the project site no longer had any structures and remained vacant undeveloped land until 2002. From 2002 until 2016 the project site was occupied by two buildings. Due to the age of the historic structures, samples were collected and analyzed for lead and OCPs to assess the possibility of residual termiticides and potential impacts from lead-based paints.

A total of 96 soil samples plus duplicates were initially collected. Samples were collected from 48 locations from 0 to 0.5 feet bgs and from 2.5 to 3.0 feet bgs Sample locations were selected based on the location of the 12 historic structures that were present from the early 1900s through the 1970s, surface covering, and low-lying areas where contaminants could potentially accumulate.

Forty-eight surface soil samples and five duplicates collected from the surface to 0.5 feet were analyzed discretely for lead by a State certified laboratory using EPA Method 6010B to evaluate the possible impact to soil from lead-based paint that may have been used in building materials.

Twenty-eight composite soil samples and three composite duplicate soil samples were analyzed for OCPs by a State certified laboratory using EPA Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from two sample depths.

Forty-two locations were sampled to define 13 areas of concern identified in the first round of sampling with samples collected from 0.5 feet, 1.5 feet and 2.5 to 3 feet bgs for a total of 138 samples plus duplicates. Forty-three discrete step out soil samples plus six duplicates were analyzed for OCPs by EPA Method 8081A. Forty-two discrete step out soil samples plus five discrete duplicates were analyzed for lead by EPA Method 6010B,

2. Sampling Activities and Results

Table 1 is a summary table of the sampling and analysis program and Figure 5 shows the initial sample locations and Figures 5a through 5c, show the step-out locations for the northern, central and southern areas of the site, respectively.

2.2.1 Sampling Methods and Procedures

Soil samples were collected from surface to 0.5 feet and 2.5 feet bgs using either a hand auger or truck-mounted direct push drill rig (Geoprobe™) dependent upon access to sample locations. For the step-out investigation, samples were collected from 0.5, 1.5 and 2.5 feet bgs. Soil from the sample interval was emptied from the hand auger barrel into a certified pre-cleaned glass jar from the laboratory and sealed. Each sample was labeled with the sample number, sample depth, and the date and time sampled. Samples were immediately placed in an ice-filled cooler and listed on a Chain-of-custody (COC) form. The Geoprobe™ rig advanced acetate lined sample core barrels sleeves to desired depths using a hydraulic ram or pneumatic hammer system. The inside diameter of the core barrel was 1.5 to 2.0 inches. The sample barrel was retrieved, and the sample interval was observed, logged and preserved. Soil samples were preserved by placing Teflon™ sheeting and polyethylene caps leaving no headspace, and placing them in sealable plastic bags.

Observations pertaining to the soil type were described by a field geologist in accordance with the Unified Soil Classification System (USCS). Any observation pertaining to potential soil contamination was recorded.

2.3 QUALITY CONTROL SAMPLING PROCEDURES

Field quality control samples associated with the sampling program included duplicates, equipment blanks, and soil matrix spike/matrix spike duplicate (MS/MSD) samples, in accordance with the DTSC PEA Guidance Manual (DTSC 2015).

2.4 DECONTAMINATION PROCEDURES AND WASTE MANAGEMENT

All equipment that came into contact with the soil was decontaminated consistently to assure the quality of samples collected. Decontamination was conducted prior to and after each use of a piece of equipment. All sampling devices used were decontaminated using the following procedures:

- Non-phosphate detergent and distilled water wash, using a brush.
- Initial deionized/distilled water rinse; and
- Final deionized/distilled water rinse.

Soil cuttings were immediately backfilled into the original boring and decontamination water was disposed of in accordance to the Office of Emergency and Remedial Response (OERR) Directive 9345.3-02 (1991). Used personal protection equipment (PPE) were double bagged and placed in a municipal refuse dumpster.

2.5 RESULTS

Organochlorine pesticide concentrations from soil are summarized in Table 2, analyzed by EPA Method 8081A. Lead concentrations in surface soil results are summarized in Table 3, analyzed by EPA Method 6010B. All laboratory data is included in Appendix A.

2.5.1 Soil Description

The native soils encountered and collected during the investigation consisted of loose to medium stiff dark brown to brown silt with fine sand, and medium stiff dark brown clay. No odors or staining were observed by the field geologist. Groundwater was not encountered.

2.5.2 Pesticides

Initially, twenty-eight composite soil samples and three composite duplicate soil samples were analyzed for OCPs by a State certified laboratory using EPA Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from two sample depths. Chlordane, 4,4'-DDE, dieldrin and heptachlor epoxide were detected in some of the composite samples, primarily in the samples collected from 0.5 feet bgs, and two composite samples that were collected from 2.5 feet bgs during the initial sampling event.

One OCP, dieldrin was detected above the DTSC modified screening levels (SLs) and EPA Region 9 Regional Screening Levels (RSLs) for residential exposure in two composite samples analyzed from the surface and one surface composite duplicate. For the step out samples, dieldrin remained the only OCP above screening levels. Dieldrin was above screening levels in seven surface step-out samples and in one sample collected from 1.5 feet bgs at B-23-E5. The 2.5-foot sample collected from location, B-23-E5, was below the screening level.

Step out samples in areas where the composite exceeded adjusted screening levels based on the number of samples in the composites did not exceed screening levels at sample locations B1, B2, B3, B4, B20, B26 and B27. Sample locations B21-W5, B-23-N5, B-23-E5, B-23-S5, B-23-W5 were the locations where dieldrin exceeded screening levels in discrete surface samples and B-23-E5 exceeded the screening level at 1.5 feet.

Table 2 is a summary of the OCP results and either EPA Region 9 Regional Screening Levels or DTSC modified Screening Levels. Sample locations are shown on Figure 5 and Figures 5a, 5b, and 5c.

2.5.3 Lead

Lead was detected in all 48 initial surface soil samples plus the five duplicate samples above laboratory detection limits. Lead concentrations ranged from 3.01 milligrams per kilogram (mg/kg) to 3,890 mg/kg at 0.5' bgs. Nine of the concentrations detected were above DTSC's lead screening level of 80 mg/kg for the initial samples.

In the step-out samples, lead was detected in all 42 step-out samples ranging from 4.82 mg/kg to 434 mg/kg. Nine of the concentrations of lead in the step out samples exceeded the screening level. The step out samples

2. Sampling Activities and Results

for sample location B-41 where lead was detected at 3,890 mg/kg in the initial samples were all below screening levels. Table 3 is a summary of the lead results.

3. Human Health Screening Evaluation

A screening level human health risk assessment was conducted to evaluate the potential threat to human health at the project site. The established PEA screening process was used to determine if there are levels of contamination at the site that may cause a concern about effects on human health. This evaluation uses the conservative risk assessment screening method presented in the PEA Guidance Manual and in DTSC's Human Health Risk Assessment (HHRA) Notes 3 and 4 (DTSC 2020 and 2019). The purpose of the human health risk screening evaluation was to assess whether levels of contaminants in soil at the site could pose a threat to human health under conservative (health-protective) exposure assumptions. The PEA requires a residential land use scenario regardless of current use and zoning.

A screening level human health risk assessment provides a general indication of whether there is potential risk to human health and helps identify areas of concern at a site where a release of hazardous chemicals has occurred. It normally uses established risk-based screening levels such as U.S. EPA RSLs and DTSC-SLs to estimate the cancer risks and noncancer hazards and is intended to be a health-protective preliminary evaluation of potential risk and hazard (DTSC 2015). If a site fails the screening level risk assessment, e.g., cancer risks are greater than 1 x 10-6 and/or noncancer hazards are greater than 1, then further investigation and/or a more site- specific baseline risk assessment may be necessary to evaluate the potential risk to all receptors.

DTSC has developed modified screening levels (SLs) based on EPA Regional Screening Levels (RSLs) for use in the human health risk assessment process. In this screening level human health risk assessment, the hierarchy recommended by the DTSC was used. DTSC-SLs provided in Note 3 were used in preference to RSLs. RSLs were used for potential COCs for which a DTSC-SL value in Note 3 was not available.

3.1 SCREENING EVALUATION FOR ORGANOCHLORINE PESTICIDES

For a screening level assessment DTSC recommends each chemical of concern be divided by their corresponding risk-based screening levels. For carcinogens the ratio is multiplied by 10^{-6} to provide an estimate of risk. Risk is summed across all carcinogenic chemicals. For non-carcinogens, hazard quotients are summed across all chemical to provide a hazard index. Carcinogens should be evaluated both for carcinogenicity and for threshold toxicity (noncancer hazard).

Because there are multiple chemicals detected at the Site, the cumulative risk for the Site is calculated by summing the individual risk from each chemical.

Cumulative Risk = (concx/RSLx + concy/RSLy + concz/RSLz) x 10-6

The estimated cumulative carcinogenic risk using maximum concentration of pesticides detected at the Site during this investigation can be estimated using carcinogenic EPA RSLs as follows for residential land uses:

Carcinogenic Risk Residential Exposure Using Maximum Concentrations in Soil – Discrete Samples

Chemical	Maximum Concentration mg/kg	RSL mg/kg	Conc./RSL
Chlordane	0.35	1.7	0.2
4,4'-DDE	0.11	2	0.055
Dieldrin	0.11	0.034	3.23
Heptachlor Epoxide	0.021	0.07	0.3
Total Risk			3.8E-06

The estimated cancer risk for the site using the maximum detected concentrations of the OCPs detected in the composite soil samples is 3.8E-06, which is above the level of concern of 1.0E-06 but within the EPA risk management range of 1.0E-04 to 1.0E-06. The primary contributor to the estimated carcinogenic risk is dieldrin which was detected above laboratory detection limits in 10 out of the 28 composite samples analyzed and 6 out of the 42 discrete samples analyzed.

The 95% UCL was calculated for the OCPs using EPA ProUCL 5.1 software provided by the EPA (EPA 2016) for the discrete samples only to use in the risk analysis.

Carcinogenic Risk Residential Exposure Using 95% UCL Concentrations in Soil – Discrete Samples

Chemical	95% UCL Concentration mg/kg	RSL mg/kg	Conc./RSL
Chlordane	0.063	1.7	0.037
4,4'-DDE	0.023	2	0.0115
Dieldrin	0.0268	0.034	0.788
Heptachlor Epoxide	0.00035	0.07	0.005
Total Risk			8.4E-07

Using the 95% UCL concentrations for OCPs at the site, the estimated carcinogenic risk is 8.4E-07, below the level of concern of 1.0E-06.

3.2 SCREENING EVALUTATION FOR LEAD

Lead was detected in all soil samples including the duplicate above laboratory reporting limits (Table 3). Lead concentrations at 0.5' ranged 3.01 mg/kg to 3,890 mg/kg in the initial samples. Nine discrete soil samples had concentrations of lead above the 80 mg/kg DTSC SL for lead. In the step out samples, lead concentrations ranged from 1.9 mg/kg to 434 mg/kg with 9 samples exceeding the DTSC SL for lead. The 95% upper confidence limit (UCL) was calculated using ProUCL 5.1 software provided by the EPA (EPA 2016). The calculated 95% UCL for the site using both the initial and step out sample results is 119.4 mg/kg, above DTSC's screening level for lead.

For the screening for lead concentrations on existing and proposed school sites, the highest detected concentration of lead is compared to the screening value of 80 mg/kg derived from the DTSC Lead Spread 8 model. The screening value is based on exposures to children using statewide and regional air concentrations of lead. This screening value is considered appropriate for former residential and uncontaminated commercial properties where lead from lead-based paint is the only potential contaminant on the site.

DTSC's Lead Risk Assessment Spreadsheet. Version 8 (DTSC 2011) was used to estimate blood lead concentrations resulting from exposure to lead at the site using the lead concentrations in soil. The 95% upper confidence limit (UCL) lead concentration of 119.4 mg/kg was used in the risk assessment model.

CalEPA's Office of Environmental Health Hazard Assessment (OEHHA) developed a new toxicity evaluation of lead replacing the 10 micrograms per deciliter (µg/dL) threshold blood concentration with a source-specific "benchmark change" of 1 µg/dL. One µg/dL is the estimated incremental increase in children's blood lead that would reduce IQ by up to 1 point. Because the target blood lead level of concern was updated to the more recent health-protective criterion of 1 µg/dL, DTSC's Human and Ecological Risk Office considers the 90th percentile of the distribution appropriate for use in calculating a lead soil PRG. LeadSpread 8 evaluates a source-specific exposure to lead in soil assuming the following exposure routes: ingestion, dermal contact, and dust inhalation.

The risk-based soil concentration developed in LeadSpread 8, based on the OEHHA incremental blood lead criterion, is meant to be implemented as an estimate of the Exposure Point Concentration (EPC) usually based on the 95 percent confidence limit (UCL) on the arithmetic mean, not as a 'not to exceed' soil concentration (DTSC 2011).

DTSC' Lead Spread Model Version 8.0 was used to estimate blood lead levels for children using the following DTSC's default exposure parameters:

EXPOSURE PARAMETERS

	units	children
Days per week	days/wk	7
Geometric Standard Deviation		1.6
Blood lead level of concern (ug/dl)		1
Skin area, residential	cm2	2900
Soil adherence	ug/cm2	200
Dermal uptake constant	(ug/dl)/(ug/day)	0.0001
Soil ingestion	mg/day	100
Soil ingestion, pica	mg/day	200
Ingestion constant	(ug/dl)/(ug/day)	0.16
Bioavailability	unitless	0.44
Breathing rate	m3/day	6.8
Inhalation constant	(ug/dl)/(ug/day)	0.192

The increase in estimated blood lead level using the 95% UCL concentration for the 90th Percentile was 1.5 μg/dL, above the health-protective criterion of 1 μg/dL. The estimate is conservative and assumes a residential exposure scenario with a child located on the site 7 days per week.

The majority of the 1-acre site will be paved with limited areas of exposed soil where direct exposure to lead in soil could occur.

3.3 UNCERTAINITY ANALYSIS

The data collected are subject to uncertainty associated with sampling and analysis. In the risk analysis it was assumed that samples collected were representative of conditions to which various populations may be exposed. However, the collected samples may not be completely representative due to biases in sampling and to random variability of samples. In general, sampling was biased toward areas of known and suspected elevated chemical concentrations, which will lead to an overestimation of risk when these results are assumed to represent a larger area. The placement of soil borings was in part, purposely biased to detect and characterize potential hot spots of soil based on historical site use. This type of sampling approach is likely to overestimate the chemical concentrations to which a receptor would be exposed and the potential health impact to the receptors evaluated.

Samples were analyzed using California State Certified Laboratory procedures and were subjected to limited review, to obtain data suitable for decision-making. However, it should be understood that sample analysis is subject to uncertainties associated with precision, accuracy and detection of chemicals at low concentrations.

4. Quality Assurance/Quality Control Implementation

The Quality Assurance/Quality Control (QA/QC) Program was implemented in accordance with the DTSC PEA Guidance Manual (DTSC 1999). The primary quality control features of the QA/QC program include the collection and analysis of field quality control samples and the data validation. All proper chain of custody procedures were followed and the chain of custody is included in Appendix A.

Quality control samples collected in the field included equipment rinseate blanks as described in Section 3. The data for these quality control samples were reviewed as part of the data validation process, along with results from laboratory quality control analyses. Data validation was performed in compliance with DTSC's PEA Guidance Manual, using protocols consistent with the USEPA National Functional Guidelines (DTSC 1999). Each sample was analyzed for the specified suite of analyses presented in Section 3. Data from each of the analyses were evaluated with respect to the quality control criteria listed below. Data for the project as a whole were evaluated in terms of completeness.

- Holding times.
- Field blanks.
- Laboratory method and calibration blanks.
- Initial and continuing calibrations.
- System monitoring compounds (surrogates - organic analyses only).
- Laboratory control samples (LCS) and LCS duplicate samples (LCSD) - as applicable.
- Matrix spikes (MS)/Matrix spike duplicates (MSD) and
- Compound identification and quantitation.

Data quality for the project is good, and the data collected are of acceptable quality for use in the screening evaluation.

Data validation qualifier flags have been added to those data that did not meet acceptance criteria defined in School Quality Assurance Project Plans. Results of the validation indicate that all samples collected and analyzed are useful in characterizing the site and assessing the human health and ecological risks for the site. No detectable concentrations were qualified as rejected (R) or were considered to be unusable based on the validation evaluation. Data qualified as estimated (J/UJ) exhibited some bias during analysis and should be

4. Quality Assurance/Quality Control Implementation

considered as an approximate measure of the respective analyte concentration. Qualified data are presented along with the data results in the analytical summary tables provided in this report.

Field activities were observed to be conducted in a manner consistent with the QA/QC procedures presented in the DTSC PEA Guidance Manual (DTSC 1999). No findings were identified that significantly affect the quality of the samples collected or the resulting data evaluation.

4.1 DATA VALIDATION

Data validation was performed for all samples submitted as part of PlaceWorks evaluation of soil. A & R Laboratories located in Ontario was the lead laboratory for the project and performed the required analyses.

Validation was performed in accordance with the general guidance provided in the EPA Functional Guidelines for Evaluating Inorganic Analyses (EPA 1994) and in accordance with the professional judgment of the validation team. Validation was performed to assess analytical performance in terms of the DQOs accuracy, precision, sensitivity, and completeness. Comparability and representativeness DQOs for the samples collected are addressed by the correct implementation of the procedures defined in the sampling and analysis plan.

A summary of the validation program, in terms of the DQOs listed above, is provided in the following sections. Data qualifiers assigned to results, if required, were as follows:

J - Result is estimated due to failure to meet one of the DQO criteria associated with the sample result or associated sample batch. Results reported at concentrations below standard laboratory reporting limits, but above method detection limits, were flagged "J" by the laboratory, or "B" in the case of metals. These data are validated as J/estimated because they are below the reliable quantitation limits determined by the laboratory.

U - Result is qualified as not-detected at the reported value. This qualifier is used when results from blank analyses indicate that detections in associated samples may be biased high due to potential contaminant conditions in the field or laboratory.

UJ - Result is qualified as not-detected at the reported value, and the value is determined to be estimated. This qualifier commonly results when quality control failures are associated with analytes that are not detected, or when detections are qualified "U" due to blank contamination combined with a "J" qualifier resulting from another QC problem.

R - Result is rejected due to severe QC failure, or due to multiple lesser QC problems that are determined to be additive.

4.2 ACCURACY

Accuracy was evaluated by assessing the results of holding times, field and laboratory blanks, initial and continuing calibrations, surrogate spike recoveries (organic analyses), LCS recoveries, MS analyses, and interference check samples (metals by inductively coupled plasma).

Holding times were met for all analyses. Frequency and control criteria for initial and continuing calibration verifications were met. The method blank data showed non-detectable levels for all constituents. LCS analysis was performed at required frequencies and all recoveries were within acceptable limits. Surrogate recoveries for all samples were within acceptable control limits. MS and MSD were performed at the required frequencies. All recoveries were within acceptable limits.

4.3 PRECISION

Precision was evaluated by assessing the results between MS and MSD analyses, LCS and LCSD analyses, between laboratory duplicate analyses. The precision DQO was generally satisfied for the samples collected during the project. Precision was evaluated as the relative percent difference (RPD) between control sample results. RPD criteria reported by the laboratory were used to assess precision. RPDs were within the appropriate control limits.

4.4 SENSITIVITY

Sensitivity was addressed by ensuring that the reporting limits provided by the laboratories met those as requested in the workplans and task orders provided to the laboratory. Data were qualified in cases where results were reported at concentrations below standard laboratory reporting limits, but above the method detection limits that may have been required to meet the sensitivity requirements for the project. Such results were flagged by the laboratory as either J or B qualified data. These data retain a J/estimated qualifier due to potential decreased reliability at low concentration levels.

4.5 COMPLETENESS

Completeness is an evaluation of the overall sampling program with respect to data generated that is usable versus data that may have been rejected. No data was rejected during the data validation process for this project. The completeness objectives (minimum 90 percent) for this project are therefore considered to be satisfied for all analyses.

4.6 DATA VALIDATION CHART

The following table is a summary of pertinent quality indicators that were verified during the data validation process.

4. Quality Assurance/Quality Control Implementation

ACCEPTABILITY		
QUALITY INDICATOR	**SOIL**	**SOIL**
	EPA Method 6010B	EPA Method 8081A
	Target Analyte: Lead	Target Analyte: DDE
Completeness of Laboratory Reports (e.g., laboratory, client, and sample identifications; ELAP certification number, project name, sample matrix, sample collection, preservation, preparation, extraction, analysis dates; analytical methods; analytes; reporting units and limits; dilution factors; report page numbering system; designated title and signatures).	Y See discussion Section 4	Y See discussion Section 4
Reporting Limit (RL)	Y 0.5 mg/kg	Y 0.002 mg/kg
Chain of Custody	Y	Y
Sample Containers and Conditions	Y	Y
Holding Time (<28 days)	Y	Y
Sample Preservation	Y	Y
Equipment Rinsate Blanks	Y	Y
Field Duplicates	Y	Y
Field QC Samples – Others	NA	NA
Surrogate Recoveries	NA	NA
Method Blanks	Y	Y
LCS % Recovery	Y	Y
MS/MSD % Recovery	See discussion Section 4	See discussion Section 4
MS/MSD % RPD	See discussion Section 4	See discussion Section 4
Laboratory Duplicates	See discussion Section 4	See discussion Section 4
Laboratory QC Samples – Others	NA	NA
Compound Identification	Y	Y
Compound Quantitation	Y	Y
Dilution Factors	Y	Y
Data Qualifiers	Y	Y
Confirmation of Positive Samples	NA	NA
Observations of Significance	NA	NA
Case Narrative	Y	Y
Instrument Tuning	NA	NA
Initial Calibration	Lab	Lab
Calibration Verification	Lab	Lab
Interference Check Standard	NA	NA
Others	NA	NA

5. Health and Safety Procedures

PlaceWorks followed a site-specific HASP pursuant to Health and Safety Code 1910.120. The plan addressed the following:

- Identification and description of potentially hazardous substances that may be encountered during field operations.
- PPE and clothing for site activities; and
- Measures that need to be implemented in the event of an emergency.

PlaceWorks field personnel reviewed the HASP prior to commencing fieldwork. Prior to initiation of field activities each day, a site safety briefing was conducted to identify potential physical and chemical hazards and measures to be taken in event of an emergency. All on-site personnel were required to sign the site safety briefing form.

During field activities, all personnel within the exclusion zone wore appropriate level D PPE. No incidents or emergency actions related to site sampling occurred during the field program.

5. Health and Safety Procedures

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6. Conclusions and Recommendations

This document presents a Phase I Environmental Site Assessment Addendum Report for Bright Star Schools for the proposed development of a middle school site at 1700 West Olympic Boulevard in the City of Los Angeles, Los Angeles County, California. Figure 1 shows the regional location of the proposed school site and Figure 2 shows the Local Vicinity. Figure 3 is an aerial photograph showing the project boundaries. The Phase I was performed in general conformance with the scope and limitations of the ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and followed Department of Toxic Substances Control (DTSC) guidelines for Phase I evaluations for school sites. The Phase I concluded that there were no Recognized Environmental Conditions (RECs), no historical Recognized Environmental Conditions (HRECs), and no Controlled Recognized Environmental Conditions (CRECs). However, a Phase I Addendum to assess for potential lead-based paint and organochlorine pesticides (OCPs) from termiticides was recommended in the Phase I following DTSC guidance documents for the project area.

The approximately 1-acre site at 1700 West Olympic Boulevard is identified with Assessor's Parcel Numbers [APNs] 5137-017-014. The project site is currently utilized for private parking. Currently, there are only minor structures (i.e., a parking attendant booth and storage bins/sheds) within the boundaries of the project site. The project site is located in the Westlake Community Plan area in the City of Los Angeles.

The project site was developed in the early 1900s with several structures for residential and commercial use. During the time period from the early 1900s to approximately 1977 there were approximately 12 structures within the project site. By 1977, the project site no longer had any structures and remained vacant undeveloped land until 2002. From 2002 until 2016 the project site was occupied by two buildings. Figure 4 shows the locations of historic buildings at the site from the 1900s to 1977 and during 2002 to 2016 based on a review of historic information.

Bright Star Schools will be developing the proposed Rise Kohyang Middle School on the project site. The development of the school will be funded by the State and will require approvals and permits from Division of State Architect, California Department of Education, and DTSC. Sampling was conducted in the area of proposed new construction following *DTSC's Interim Guidance for Evaluating 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* dated June 2006 to assess the project site for potential lead-based paint and termiticides. No pad or pole mounted transformers are located near the project area. Based on the age of the structures, lead based paint and termiticide testing is required.

The sampling program that follows DTSC guidance and results are summarized below:

The initial sampling program and results are summarized below:

6. Conclusions and Recommendations

- A total of 96 soil samples plus duplicates were collected. Samples were collected from 48 locations from 0 to 0.5 feet below ground surface (bgs) and from 2.5 to 3.0 feet bgs. Sample locations were selected based on the location of the 12 historic structures that were present from the early 1900s through the 1970s, surface covering, and low-lying areas where contaminants could potentially accumulate.

- Twenty-eight composite soil samples and three composite duplicates soil samples were analyzed for organochlorine pesticides (OCPs) by a State certified laboratory using United States Environmental Protection Agency (EPA) Method 8081A to evaluate the possible impact to soil from termiticides that may have been used on site. Samples were analyzed from two sample depths.

- Forty-eight soil samples plus five duplicates were analyzed discretely for lead by EPA Method 6010B to evaluate the possible impact to soil from lead-based paint in building materials in the shallow surface samples.

- Chlordane, 4,4'-DDE, dieldrin and heptachlor epoxide were detected in some of the composite samples, primarily in the samples collected from 0.5 feet bgs, and two composite samples that were collected from 2.5 feet bgs.

- One OCP, dieldrin was detected above the DTSC screening levels in two composite samples analyzed from the surface and one surface composite duplicate.

- Lead was detected in all 48 surface soil samples plus the five duplicate samples above laboratory detection limits. Lead concentrations ranged from 3.01 milligrams per kilogram (mg/kg) to 3,890 mg/kg at 0.5' bgs. Nine of the concentrations detected were above DTSC's lead screening level of 80 mg/kg.

Based on the above results, the following step-out samples were collected to delineate the areas of elevated lead and dieldrin:

- Forty-two locations were sampled to define 13 areas of concern identified in the first round of sampling with samples collected from 0.5 feet, 1.5 feet and 2.5 to 3 feet bgs for a total of 138 samples plus duplicates.

- Forty-three discrete step out soil samples plus six duplicates were analyzed for OCPs by EPA Method 8081A.

- Forty-two discrete step out soil samples plus five discrete duplicates were analyzed for lead by EPA Method 6010B.

- Dieldrin was elevated above the DTSC residential screening level in six discrete step out samples. One location, B-23 E, dieldrin was elevated in the sample analyzed from 0.5 and 1.5 feet bgs and was below levels of concern in the sample analyzed at 2.5 feet bgs. At all other locations, the sample analyzed at 1.5 feet bgs was below levels of concern indicating the elevated dieldrin is in the top foot of soil.

- Chlordane, 4,4'-DDE and heptachlor epoxide were reported at low concentrations below residential screening levels in some of the step out samples.

- The 95 percent (%) Upper Confidence Limit (UCL) was calculated for dieldrin using EPA ProUCL 5.1 which calculated a 95% UCL concentration for dieldrin at 0.0268 mg/kg, below the residential screening level of 0.034 mg/kg.

- Risk calculations for OCPs using the maximum detected concentrations is 3.8E-06, above the level of concern of 1.0E-06. Using the 95% UCL concentrations for OCPs, the estimated carcinogenic risk is 8.4E-07, below the level of concern.

- Lead was detected in all step-out samples in concentrations ranging from 1.9 mg/kg to 434 mg/kg in the step out sample locations if lead was elevated above the DTSC SL the deeper sample was analyzed. Lead was elevated in one-step out sample at 1.5 feet bgs but was below the DTSC SL at 2.5 feet.

- The 95% UCL for lead using EPA ProUCL 5.1 is 119.4 mg/kg. The estimated blood lead level using DTSC's Lead Risk Assessment Spreadsheet Version 8 results in an estimated blood lead level for a child at 1.5 μg/dL, above the level of concern of 1 μg/dL. This estimate is very conservative for the site since the model assumes a child will be at the site 7 days a week. Additionally, the model assumes that children will come in direct contact with soil from ingestion, dermal contact and dust inhalation. Direct exposure to soil at the site will be limited since the 1-acre site will be primarily covered with the school buildings and hardscaping.

RECOMMENDATIONS

Based on the screening level risk assessment that was implemented for the site, the risk estimate using the maximum concentrations of OCPs, exceed 1E-06, but is within the risk management range. Using the 95 % UCL concentrations, the estimated carcinogenic risk is below 1E-06. Based on the risk calculations, PlaceWorks is recommending no further action for OCPs.

To address the elevated lead found at the northeast corner of the site, the central east area, the center west, the middle and southwest corner, it is recommended that approximately 9 cubic yards of soil be excavated at the site and transported off-site following lawful disposal as non-hazardous, non-RCRA (State) hazardous or RCRA hazardous waste.

6. Conclusions and Recommendations

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7. References

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7. References

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Tables

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TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-1	0.5'	Former Structure from 1900 -1977	C (B-1, B-2, B-3, B-4)	D
	2.5'		C (B-1, B-2, B-3, B-4)	
B-1-E5	0.5'	Step-out Samples	D	
	1.5'			
	2.5'			
B-1-S5	0.5'		D	
	1.5'			
	2.5'			
B-1-S10	0.5'		D	
	1.5'			
	2.5'			
B-1-W5	0.5'		D	
	1.5'			
	2.5'			
B-2	0.5'	Former Structure from 1900 -1977	C (B-1, B-2, B-3, B-4)	D
	2.5'		C (B-1, B-2, B-3, B-4)	
B-2-N5	0.5'	Step-out Samples	D	
	1.5'			
	2.5'			
B-2-E5	0.5'		D	
	1.5'			
	2.5'			
B-2-S5	0.5'		D	
	1.5'			
	2.5'			
B-2-W5	0.5'		D	
	1.5'			
	2.5'			
B-3	0.5'	Former Structure from 1900 -1977	C (B-1, B-2, B-3, B-4)	D
	2.5'		C (B-1, B-2, B-3, B-4)	
B-3-N5	0.5'	Step-out Samples	D	D
	1.5'			
	2.5'			
B-3-N5 DUP	0.5'		D DUP	D DUP
B-3-E5	0.5'		D	D
	1.5'			
	2.5'			
B-3-S5	0.5'		D	D
	1.5'			
	2.5'			
B-3-W5	0.5'		D	D
	1.5'			
	2.5'			

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-4	0.5'	Former Structure from 1900 -1977	C (B-1, B-2, B-3, B-4)	D
	2.5'		C (B-1, B-2, B-3, B-4)	
B-4-N5	0.5'	Step-out Samples	D	D
	1.5'			
	2.5'			
B-4-N5 DUP	0.5'		D DUP	D DUP
B-4-E5	0.5'		D	D
	1.5'			
	2.5'			
B-4-S5	0.5'		D	D
	1.5'			
	2.5'			
B-4-W5	0.5'		D	D
	1.5'			
	2.5'			
B-5	0.5'	Former Structure from 1900 -1977	C (B-5, B-6, B-7)	D
	2.5'		C (B-5, B-6, B-7)	
B-5 DUP	0.5'	Duplicate	C DUP (B-5 DUP, B-6 DUP, B-7 DUP)	D DUP
B-6	0.5'	Former Structure from 1900 -1977	C (B-5, B-6, B-7)	D
	2.5'		C (B-5, B-6, B-7)	
B-6 DUP	0.5'	Duplicate	C DUP (B-5 DUP, B-6 DUP, B-7 DUP)	D DUP
B-7	0.5'	Former Structure from 1900 -1977	C (B-5, B-6, B-7)	D
	2.5'		C (B-5, B-6, B-7)	
B-7 DUP	0.5'	Duplicate	C DUP (B-5 DUP, B-6 DUP, B-7 DUP)	
B-8	0.5'	Former Structure from 1900 -1977	C (B-8, B-9, B-10, B-11)	D
	2.5'		C (B-8, B-9, B-10, B-11)	
B-9	0.5'	Former Structure from 1900 -1977	C (B-8, B-9, B-10, B-11)	D
	2.5'		C (B-8, B-9, B-10, B-11)	
B-10	0.5'	Former Structure from 1900 -1977	C (B-8, B-9, B-10, B-11)	D
	2.5'		C (B-8, B-9, B-10, B-11)	
B-11	0.5'	Former Structure from 1900 -1977	C (B-8, B-9, B-10, B-11)	D
	2.5'		C (B-8, B-9, B-10, B-11)	
B-12	0.5'	Former Structure from 1900 -1977	C (B-12, B-13, B-14, B-15)	D
	2.5'		C (B-12, B-13, B-14, B-15)	
B-13	0.5'	Former Structure from 1900 -1977	C (B-12, B-13, B-14, B-15)	D
	2.5'		C (B-12, B-13, B-14, B-15)	
B-14	0.5'	Former Structure from 1900 -1977	C (B-12, B-13, B-14, B-15)	D
	2.5'		C (B-12, B-13, B-14, B-15)	
B-15	0.5'	Former Structure from 1900 -1977	C (B-12, B-13, B-14, B-15)	D
	2.5'		C (B-12, B-13, B-14, B-15)	
B-16	0.5'	Former Structure from 1900 -1977	C (B-16, B-17, B-18, B-19)	D
	2.5'		C (B-16, B-17, B-18, B-19)	
B-17	0.5'	Former Structure from 1900 -1977	C (B-16, B-17, B-18, B-19)	D
	2.5'		C (B-16, B-17, B-18, B-19)	
B-18	0.5'	Former Structure from 1900 -1977	C (B-16, B-17, B-18, B-19)	D
	2.5'		C (B-16, B-17, B-18, B-19)	
B-19	0.5'	Former Structure from 1900 -1977	C (B-16, B-17, B-18, B-19)	D
	2.5'		C (B-16, B-17, B-18, B-19)	

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-20	0.5'	Former Structure from 1900 -1977	C (B-20, B-21, B-23)	D
	2.5'		C (B-20, B-21, B-23)	
B-20 DUP	0.5'	Duplicate	C DUP (B-20 DUP, B-21 DUP, B-23 DUP)	D DUP
B-20-N5	0.5'	Step-out Samples	D	
	1.5'			
	2.5'			
B-20-E5	0.5'		D	
	1.5'			
	2.5'			
B-20-S5	0.5'		D	
	1.5'			
	2.5'			
B-20-W5	0.5'		D	
	1.5'			
	2.5'			
B-21	0.5'	Former Structure from 1900 -1977	C (B-20, B-21, B-23)	D
	2.5'		C (B-20, B-21, B-23)	
B-21 DUP	0.5'	Duplicate	C DUP (B-20 DUP, B-21 DUP, B-23 DUP)	
B-21-N5	0.5'	Step-out Samples	D	
	1.5'			
	2.5'			
B-21-E5	0.5'		D	
	1.5'			
	2.5'			
B-21-S5	0.5'		D	
	1.5'			
	2.5'			
B-21-W5	0.5'		D	
	1.5'		D	
	2.5'		D	
B-22	0.5'	Former Structure from 1900 -1977	C (B-22, B-24, B-25)	D
	2.5'		C (B-22, B-24, B-25)	
B-23	0.5'	Former Structure from 1900 -1977	C (B-20, B-21, B-23)	D
	2.5'		C (B-20, B-21, B-23)	
B-23 DUP	0.5'	Duplicate	C DUP (B-20 DUP, B-21 DUP, B-23 DUP)	D DUP
B-23 -W5 DUP			D DUP	
B-24	0.5'	Former Structure from 1900 -1977	C (B-22, B-24, B-25)	D
	2.5'		C (B-22, B-24, B-25)	

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-24-N5	0.5'	Step-out Samples		D
	1.5'			D
	2.5'			
B-24-E5	0.5'			D
	1.5'			D
	2.5'			
B-24-E10	0.5'			D
	1.5'			
	2.5'			
B-24-S5	0.5'			D
	1.5'			
	2.5'			
B-25	0.5'	Former Structure from 1900 -1977	C (B-22, B-24, B-25)	D
	2.5'		C (B-22, B-24, B-25)	
B-26	0.5'	Former Structure from 1900 -1977	C (B-26, B-27)	D
	2.5'		C (B-26, B-27)	
B-26-S5	0.5'	Step-out Samples	D	
	1.5'			
	2.5'			
B-26-W5	0.5'		D	
	1.5'			
	2.5'			
B-27	0.5'	Former Structure from 1900 -1977	C (B-26, B-27)	D
	2.5'		C (B-26, B-27)	
B-27-E5	0.5'	Step-out Samples	D	D
	1.5'			
	2.5'			
B-27-E5 DUP			D DUP	D DUP
B-27-S5	0.5'		D	D
	1.5'			
	2.5'			
B-27-W5	0.5'		D	D
	1.5'			
	2.5'			
B-27-W5 DUP			D DUP	D DUP
B-28	0.5'	Former Structure from 1900 -1977	C (B-28, B-29, B-30, B-31)	D
	2.5'		C (B-28, B-29, B-30, B-31)	
B-29	0.5'	Former Structure from 1900 -1977	C (B-28, B-29, B-30, B-31)	D
	2.5'		C (B-28, B-29, B-30, B-31)	
B-30	0.5'	Former Structure from 1900 -1977	C (B-28, B-29, B-30, B-31)	D
	2.5'		C (B-28, B-29, B-30, B-31)	
B-31	0.5'	Former Structure from 1900 -1977	C (B-28, B-29, B-30, B-31)	D
	2.5'		C (B-28, B-29, B-30, B-31)	

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-32	0.5'	Former Structure from 1900 -1977	C (B-32, B-33, B-34, B-35)	D
	2.5'		C (B-32, B-33, B-34, B-35)	
B-33	0.5'	Former Structure from 1900 -1977	C (B-32, B-33, B-34, B-35)	D
	2.5'		C (B-32, B-33, B-34, B-35)	
B-34	0.5'	Former Structure from 1900 -1977	C (B-32, B-33, B-34, B-35)	D
	2.5'		C (B-32, B-33, B-34, B-35)	
B-35	0.5'	Former Structure from 1900 -1977	C (B-32, B-33, B-34, B-35)	D
	2.5'		C (B-32, B-33, B-34, B-35)	
B-36	0.5'	Former Structure from 1900 -1977	C (B-36, B-37, B-38)	D
	2.5'		C (B-36, B-37, B-38)	
B-37	0.5'	Former Structure from 1900 -1977	C (B-36, B-37, B-38)	D
	2.5'		C (B-36, B-37, B-38)	
B-37-N5	0.5'	Step-out Samples		D
	1.5'			D
	2.5'			
B-37-E5	0.5'			D
	1.5'			
	2.5'			
B-37-S5	0.5'			D
	1.5'			
	2.5'			
B-37-W5	0.5'			D
	1.5'			
	2.5'			
B-38	0.5'	Former Structure from 1900 -1977	C (B-36, B-37, B-38)	D
	2.5'		C (B-36, B-37, B-38)	
B-39	0.5'	Former Structure from 1900 -1977	C (B-39, B-40)	D
	2.5'		C (B-39, B-40)	
B-39 DUP	0.5'	Duplicate	C (B-39 DUP, B-40 DUP)	D DUP
B-40	0.5'	Former Structure from 1900 -1977	C (B-39, B-40)	D
	2.5'		C (B-39, B-40)	
B-40 DUP	0.5'	Duplicate	C (B-39 DUP, B-40 DUP)	
B-41	0.5'	Former Structure from 1900 -1977	C (B-41, B-42, B-43, B-44)	D
	2.5'		C (B-41, B-42, B-43, B-44)	
B-41-N5	0.5'	Step-out Samples		D
	1.5'			
	2.5'			
B-41-E5	0.5'			D
	1.5'			
	2.5'			
B-41-S5	0.5'			D
	1.5'			
	2.5'			
B-42	0.5'	Former Structure from 1900 -1977	C (B-41, B-42, B-43, B-44)	D
	2.5'		C (B-41, B-42, B-43, B-44)	

TABLE 1
SAMPLING AND ANALYSIS PROGRAM
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A OCPs	EPA 6010B Lead
B-42-N5	0.5'	Step-out Samples		D
	1.5'			
	2.5'			
B-42-E5	0.5'			D
	1.5'			
	2.5'			
B-42-S5	0.5'			D
	1.5'			
	2.5'			
B-43	0.5'	Former Structure from 1900 -1977	C (B-41, B-42, B-43, B-44)	D
	2.5'		C (B-41, B-42, B-43, B-44)	
B-44	0.5'	Former Structure from 1900 -1977	C (B-41, B-42, B-43, B-44)	D
	2.5'		C (B-41, B-42, B-43, B-44)	
B-44-N5	0.5'	Step-out Samples		D
	1.5'			
	2.5'			
B-44-E5	0.5'			D
	1.5'			D
	2.5'			
B-44-E10	0.5'			D
	1.5'			
	2.5'			
B-44-W5	0.5'			D
	1.5'			D
	2.5'			
B-45	0.5'	Former Structure from 1900 -1977	C (B-45, B-46, B-47, B-48)	D
	2.5'		C (B-45, B-46, B-47, B-48)	
B-46	0.5'	Former Structure from 1900 -1977	C (B-45, B-46, B-47, B-48)	D
	2.5'		C (B-45, B-46, B-47, B-48)	
B-47	0.5'	Former Structure from 1900 -1977	C (B-45, B-46, B-47, B-48)	D
	2.5'		C (B-45, B-46, B-47, B-48)	
B-48	0.5'	Former Structure from 1900 -1977	C (B-45, B-46, B-47, B-48)	D
	2.5'		C (B-45, B-46, B-47, B-48)	
EB	n/a	Equipment Blank	1 EB	1 EB
Total			**28 C, 3 C DUP, 43 D Stepouts, 6 DUP Stepouts, 2 EB**	**48 D, 5 D DUP, 42 D Stepouts, 5 D DUP Stepouts, 2 EB**

Notes:
D = Discrete; C = Composite
DUP = Duplicate Sample
EB = Equipment Blank
Duplicates collected at a frequency of approximately 10%

TABLE 2
SUMMARY TABLE OF ORGANOCHLORINE PESTICIDES IN SOIL
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

			Concentration (milligrams per kilogram [mg/kg])			
Sample Number	**Depth (feet bgs)**	**Sample Date**	**Chlordane**	**4,4´-DDE**	**Dieldrin**	**Heptachlor Epoxide**
B-1, B-2, B-3, B-4	0.5'	1/31/2020	**0.042**	**0.036**	**0.019**	<0.0040
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-1-E5	0.5'	10/15/2020	**0.052**	**0.0098**	**0.028**	<0.0020
B-1-S5	0.5'	10/15/2020	<0.010	**0.02**	**0.015**	<0.0020
B-1-S10	0.5'	10/15/2020	**0.013**	**0.0034**	**0.0071**	<0.0020
B-1-W5	0.5'	10/15/2020	<0.010	**0.0045**	**0.0042**	<0.0020
B-2-N5	0.5'	10/15/2020	<0.010	**0.004**	**0.0033**	<0.0020
B-2-E5	0.5'	10/15/2020	**0.033**	**0.0043**	**0.021**	<0.0040
B-2-S5	0.5'	10/15/2020	**0.011**	**0.0032**	**0.005**	<0.0020
B-2-W5	0.5'	10/15/2020	<0.010	**0.021**	**0.017**	<0.0020
B-3-N5	0.5'	10/15/2020	<0.010	<0.0020	**0.0023**	<0.0020
B-3-N5 DUP	0.5'	10/15/2020	<0.010	**<0.0020**	**0.0021**	<0.0020
B-3-E5	0.5'	10/15/2020	**<0.050**	<0.010	**0.019**	<0.010
B-3-S5	0.5'	10/15/2020	<0.050	**0.02**	**0.022**	<0.010
B-3-W5	0.5'	10/15/2020	<0.010	<0.0020	**0.011**	<0.010
B-4-N5	0.5'	10/15/2020	<0.010	**0.003**	**0.0087**	<0.0020
B-4-N5 DUP	0.5'	10/15/2020	<0.010	**0.003**	**0.0024**	<0.0020
B-4-E5	0.5'	10/15/2020	<0.010	**0.0081**	**0.0024**	<0.0020
B-4-S5	0.5'	10/15/2020	<0.010	<0.0020	<0.0020	<0.0020
B-4-W5	0.5'	10/15/2020	**0.033**	**0.016**	**0.01**	<0.0020
B-5, B-6, B-7	0.5'	1/31/2020	**0.015**	**0.0039**	**0.0044**	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-5 DUP, B-6 DUP, B-7 DUP	0.5'	1/31/2020	**0.02**	**0.0084**	**0.0052**	<0.0020
B-8, B-9, B-10, B-11	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	**0.0025**	<0.0020	<0.0020
B-12, B-13, B-14, B-15	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		**0.012**	**0.008**	**0.0052**	<0.0020
B-16, B-17, B-18, B-19	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-20, B-21, B-23	0.5'	1/31/2020	**0.019**	**0.0095**	**0.0061**	**0.0042**
	2.5'		<0.010	**0.0027**	**0.0034**	<0.0020
B-20 DUP, B-21 DUP, B-23 DUP	0.5'	1/31/2020	**0.02**	**0.009**	**0.011**	**0.0023**
B-20-N5	0.5'	10/15/2020	<0.010	<0.0020	**0.0024**	<0.0020
B-20-E5	0.5'	10/15/2020	**0.06**	<0.010	**0.015**	<0.010
B-20-S5	0.5'	10/15/2020	<0.010	**0.0053**	**0.0051**	<0.0020
B-20-W5	0.5'	10/15/2020	**0.24**	**0.045**	**0.015**	<0.0020
B-21-N5	0.5'	10/15/2020	<0.010	<0.0020	<0.0020	<0.0020
B-21-E5	0.5'	10/15/2020	**0.024**	**0.025**	**0.019**	<0.0020
B-21-S5	0.5'	10/15/2020	**0.11**	**0.03**	**0.025**	**0.005**
B-21-W5	0.5'	10/15/2020	**0.16**	**0.021**	**0.035**	<0.0040
	1.5'		<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-23-N5	0.5'	10/15/2020	**0.051**	**0.02**	**0.036**	**0.0068**
	1.5'		<0.010	**0.0037**	**0.0061**	<0.0020
	2.5'		<0.010	<0.0020	**0.0024**	<0.0020
B-23-N5 DUP	0.5'	10/15/2020	**0.059**	**0.1**	**0.05**	**0.004**
B-23-E5	0.5'	10/15/2020	**0.15**	**0.0025**	**0.11**	**0.017**
	1.5'		**0.14**	**0.046**	**0.077**	**0.0093**
	2.5'		<0.010	**0.0023**	**0.003**	<0.0020
B-23-S5	0.5'	10/15/2020	**0.094**	**0.074**	**0.08**	**0.0096**
	1.5'		**0.035**	**0.027**	**0.027**	**0.0023**
	2.5'		**0.026**	**0.015**	**0.014**	<0.0040

TABLE 2
SUMMARY TABLE OF ORGANOCHLORINE PESTICIDES IN SOIL
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

			Concentration (milligrams per kilogram [mg/kg])			
Sample Number	**Depth (feet bgs)**	**Sample Date**	**Chlordane**	**4,4´-DDE**	**Dieldrin**	**Heptachlor Epoxide**
B-23-W5	0.5'	10/15/2020	**0.35**	**0.11**	**0.11**	**0.021**
	1.5'		<0.010	**0.0092**	**0.008**	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-23-W5 DUP	0.5'	10/15/2020	**0.096**	**0.055**	**0.047**	**0.0079**
B-22, B-24, B-25	0.5'	1/31/2020	**0.044**	**0.01**	**0.0078**	<0.0040
	2.5'		**0.011**	**0.0028**	**0.0035**	<0.0020
B-26, B-27	0.5'	1/31/2020	**0.039**	**0.014**	**0.02**	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-26-S5	0.5'	10/16/2020	<0.010	<0.0020	**0.0022**	<0.0020
B-26-W5	0.5'	10/16/2020	<0.010	<0.0020	**0.0029**	<0.0020
B-27-E5	0.5'	10/16/2020	<0.010	<0.0020	**0.0025**	<0.0020
B-27-E5 DUP	0.5'	10/16/2020	<0.010	<0.0020	<0.0020	<0.0020
B-27-S5	0.5'	10/16/2020	<0.010	<0.0020	<0.0020	<0.0020
B-27-W5	0.5'	10/16/2020	<0.010	<0.0020	<0.0020	<0.0020
B-27-W5 DUP	0.5'	10/16/2020	<0.010	<0.0020	<0.0020	<0.0020
B-28, B-29, B-30, B-31	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-32, B-33, B-34, B-35	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-36, B-37, B-38	0.5'	1/31/2020	**0.031**	**0.0081**	**0.0032**	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-39, B-40	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-39 DUP, B-40 DUP	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
B-41, B-42, B-43, B-44	0.5'	1/31/2020	<0.010	<0.0020	<0.0020	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
B-45, B-46, B-47, B-48	0.5'	1/31/2020	<0.010	<0.0020	**0.003**	<0.0020
	2.5'		<0.010	<0.0020	<0.0020	<0.0020
Maximum Concentration Detected			0.35	0.11	0.11	0.021
EPA Region 9 RSLs/ DTSC SLs			1.7	2	0.034	0.07
SLs adjusted for 2:1 Composite			0.85	1	0.017	0.035
SLs adjusted for 3:1 Composite			0.56	0.66	0.011	0.023
SLs adjusted for 4:1 Composite			0.43	0.50	0.0085	0.0175
95% UCL			0.063	0.023	0.0268	0.00354

Notes:
< - Non detect at the established method detection limit.
* Screening level for endrin aldehyde was developed for endrin
A highlighted cell indicates levels are elevated above agency screening levels
EPA= Environmental Protection Agency, RSL= Regional Screening Levels
DTSC= Department of Toxic Substances Control, SLs= Screening Levels
Samples analyzed by EPA Method 8081A
EPA Region 9 Regional Screeening Level 2020 Residential soil in mg/kg; DTSC SLs 2020 residential soil mg/kg
The complete laboratory analytical reports are included in Appendix A.

TABLE 3
SUMMARY TABLE OF LEAD IN SOIL
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

			Concentration (milligrams per kilogram [mg/kg])
Sample Number	**Depth (feet bgs)**	**Sample Date**	**Lead**
B-1	0.5'	1/31/2020	**38.2**
B-2	0.5'	1/31/2020	**44**
B-3	0.5'	1/31/2020	**130**
B-3-N5	0.5'	10/15/2020	**23.8**
B-3-N5 DUP	0.5'	10/15/2020	**13.7**
B-3-E5	0.5'	10/15/2020	**75.7**
B-3-S5	0.5'	10/15/2020	**47.5**
B-3-W5	0.5'	10/15/2020	**27.3**
B-4	0.5'	1/31/2020	**104**
B-4-N5	0.5'	10/15/2020	**63**
B-4-N5 DUP	0.5'	10/15/2020	**53.1**
B-4-E5	0.5'	10/15/2020	**79.8**
B-4-W5	0.5'	10/15/2020	**53**
B-4-S5	0.5'	10/15/2020	**4.82**
B-5	0.5'	1/31/2020	**63**
B-5 DUP	0.5'	1/31/2020	**3.36**
B-6	0.5'	1/31/2020	**17.2**
B-6 DUP	0.5'	1/31/2020	**17**
B-7	0.5'	1/31/2020	**16.4**
B-8	0.5'	1/31/2020	**19**
B-9	0.5'	1/31/2020	**15.8**
B-10	0.5'	1/31/2020	**23.3**
B-11	0.5'	1/31/2020	**12**
B-12	0.5'	1/31/2020	**11.1**
B-13	0.5'	1/31/2020	**17.8**
B-14	0.5'	1/31/2020	**37**
B-15	0.5'	1/31/2020	**39.9**
B-16	0.5'	1/31/2020	**66.8**
B-17	0.5'	1/31/2020	**5.58**
B-18	0.5'	1/31/2020	**6.62**
B-19	0.5'	1/31/2020	**27**
B-20	0.5'	1/31/2020	**23.5**
B-20 DUP	0.5'	1/31/2020	**41.8**
B-21	0.5'	1/31/2020	**17.8**
B-22	0.5'	1/31/2020	**58.8**
B-23	0.5'	1/31/2020	**153**
B-23 DUP	0.5'	1/31/2020	**78.2**
B-23-N5	0.5'	10/15/2020	**44.4**
B-23-N5 DUP	0.5'	10/15/2020	**263**
B-23-E5	0.5'	10/15/2020	**89.3**
	1.5'		**150**
	2.5'		**9.65**
B-23-S5	0.5'	10/15/2020	**67.6**
B-23-W5	0.5'	10/15/2020	**220**
	1.5'		**16.4**

TABLE 3
SUMMARY TABLE OF LEAD IN SOIL
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Concentration (milligrams per kilogram [mg/kg])			
Sample Number	**Depth (feet bgs)**	**Sample Date**	**Lead**
B-23-W5 DUP	0.5'	10/15/2020	**168**
B-24	0.5'	1/31/2020	**330**
B-24-N5	0.5'	10/15/2020	**434**
	1.5'		**7.28**
B-24-E5	0.5'	10/15/2020	**380**
	1.5'		**6.71**
B-24-E10	0.5'	10/15/2020	**25.4**
B-24-S5	0.5'	10/15/2020	**18.8**
B-25	0.5'	1/31/2020	**4.42**
B-26	0.5'	1/31/2020	**11.9**
B-27	0.5'	1/31/2020	**344**
B-27-E5	0.5'	10/16/2020	**31.7**
B-27-E5 DUP	0.5'	10/16/2020	**4.14**
B-27-S5	0.5'	10/16/2020	**3.44**
B-27-W5	0.5'	10/16/2020	**20.7**
B-27-W5 DUP	0.5'	10/16/2020	**9.32**
B-28	0.5'	1/31/2020	**3.83**
B-29	0.5'	1/31/2020	**3.01**
B-30	0.5'	1/31/2020	**25.7**
B-31	0.5'	1/31/2020	**10.7**
B-32	0.5'	1/31/2020	**4.21**
B-33	0.5'	1/31/2020	**5.36**
B-34	0.5'	1/31/2020	**10.1**
B-35	0.5'	1/31/2020	**4.3**
B-36	0.5'	1/31/2020	**48.4**
B-37	0.5'	1/31/2020	**171**
B-37-N5	0.5'	10/15/2020	**179**
	1.5'		**8.56**
B-37-E5	0.5'	10/15/2020	**3.4**
B-37-S5	0.5'	10/15/2020	**1.9**
B-37-W5	0.5'	10/15/2020	**17.7**
B-38	0.5'	1/31/2020	**15.7**
B-39	0.5'	1/31/2020	**14.5**
B-39 DUP	0.5'	1/31/2020	**6.99**
B-40	0.5'	1/31/2020	**5.78**
B-41	0.5'	1/31/2020	**3890**
B-41-N5	0.5'	10/16/2020	**7.3**
B-41-E5	0.5'	10/16/2020	**50.9**
B-41-S5	0.5'	10/16/2020	**79.2**
B-42	0.5'	1/31/2020	**469**
B-42-N5	0.5'	10/16/2020	**68.4**
B-42-E5	0.5'	10/16/2020	**14.9**
B-42-S5	0.5'	10/16/2020	**69.9**
B-43	0.5'	1/31/2020	**116**
B-44	0.5'	1/31/2020	**42.4**

TABLE 3
SUMMARY TABLE OF LEAD IN SOIL
Proposed 1700 West Olympic Boulevard School
Bright Star Schools
Los Angeles, California

Concentration (milligrams per kilogram [mg/kg])			
Sample Number	**Depth (feet bgs)**	**Sample Date**	**Lead**
B-44-N5	0.5'	10/16/2020	**73.8**
B-44-E5	0.5'	10/16/2020	**307**
	1.5'		**3.77**
B-44-E10	0.5'	10/16/2020	**74**
B-44-W5	0.5'	10/16/2020	**148**
	1.5'		**2**
B-45	0.5'	1/31/2020	**3.99**
B-46	0.5'	1/31/2020	**14.1**
B-47	0.5'	1/31/2020	**61.4**
B-48	0.5'	1/31/2020	**29.1**
EQUIPMENT BLANK			
Concentration (milligram per liter [mg/L])			
EB101620	NA	10/16/20	<0.0200
EB101520	NA	10/15/2020	<0.0200
Maximum			3890
95% UCL			119.4
DTSC SLs			80

Notes:
< - Non detect at the established method detection limit.
DTSC= Department of Toxic Substances Control, SLs= Screening Levels
The complete laboratory analytical reports are included in Appendix A.
Highlighted cells indicate concentrations above agency screening levels.

Figures

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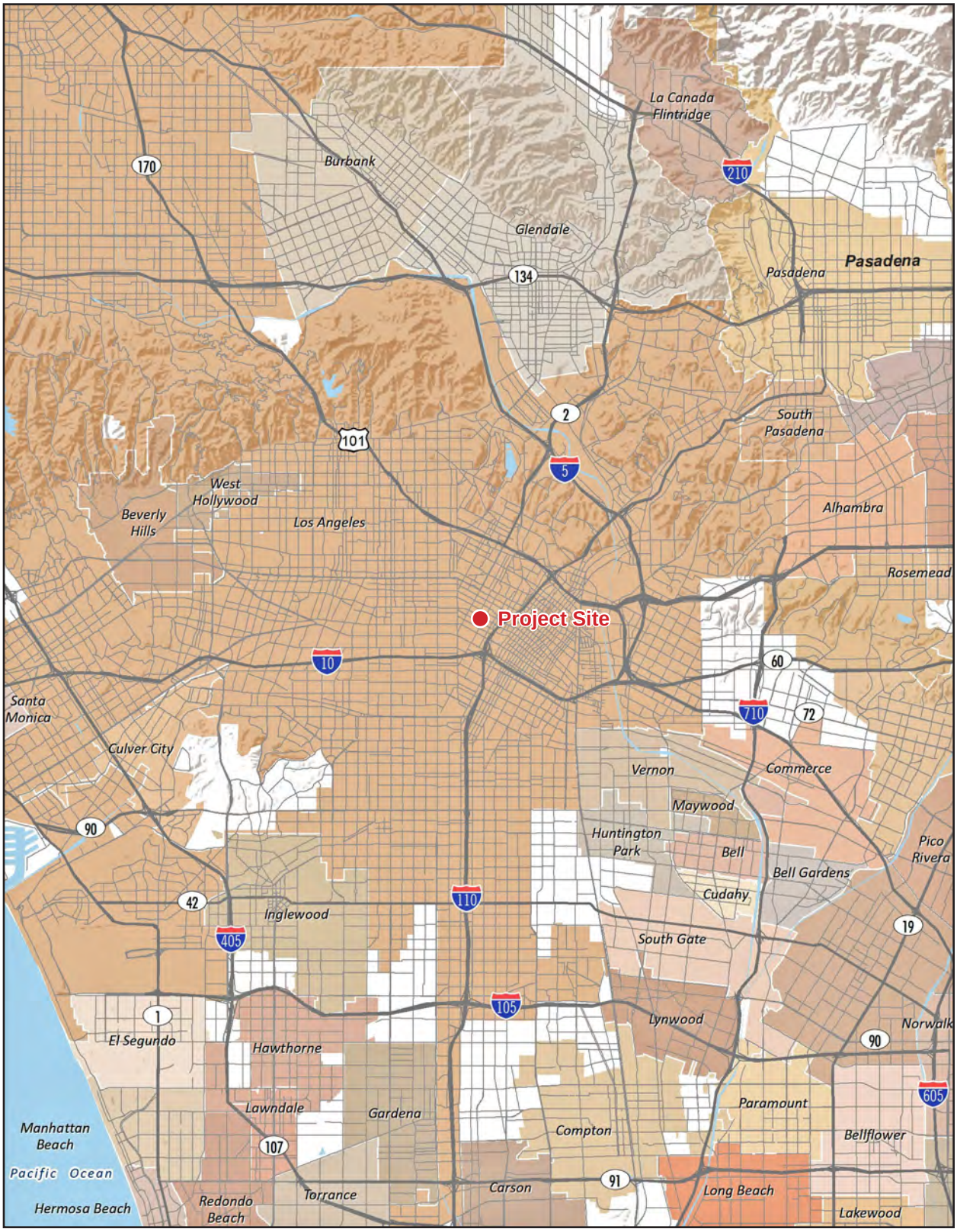
Figure 1 - Regional Location

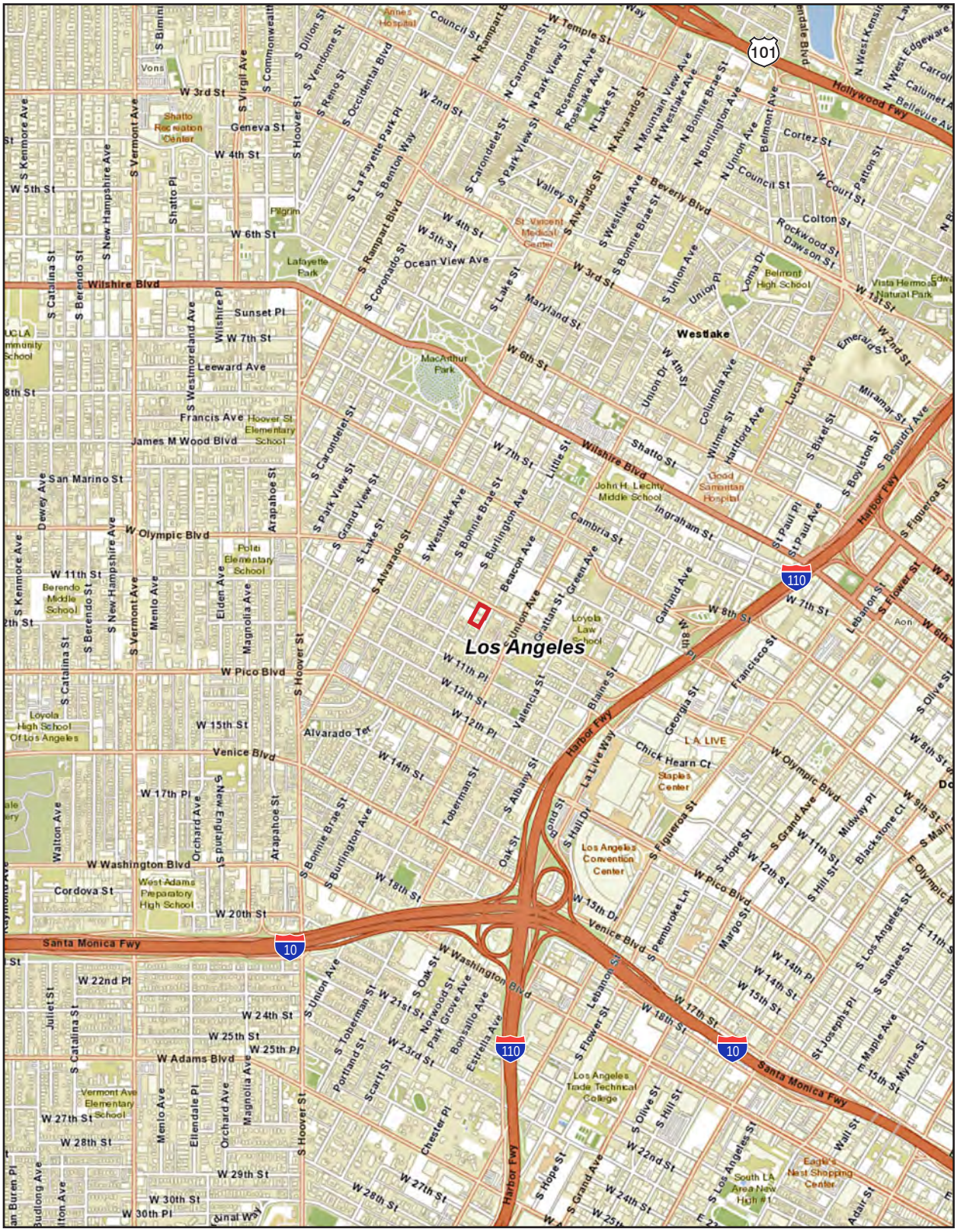


Note: Unincorporated county areas are shown in white.

0 3
Scale (Miles)

Source: ESRI, 2020

Figure 2 - Local Vicinity



Project Boundary

0 2,000
Scale (Feet)

Source: ESRI, 2020

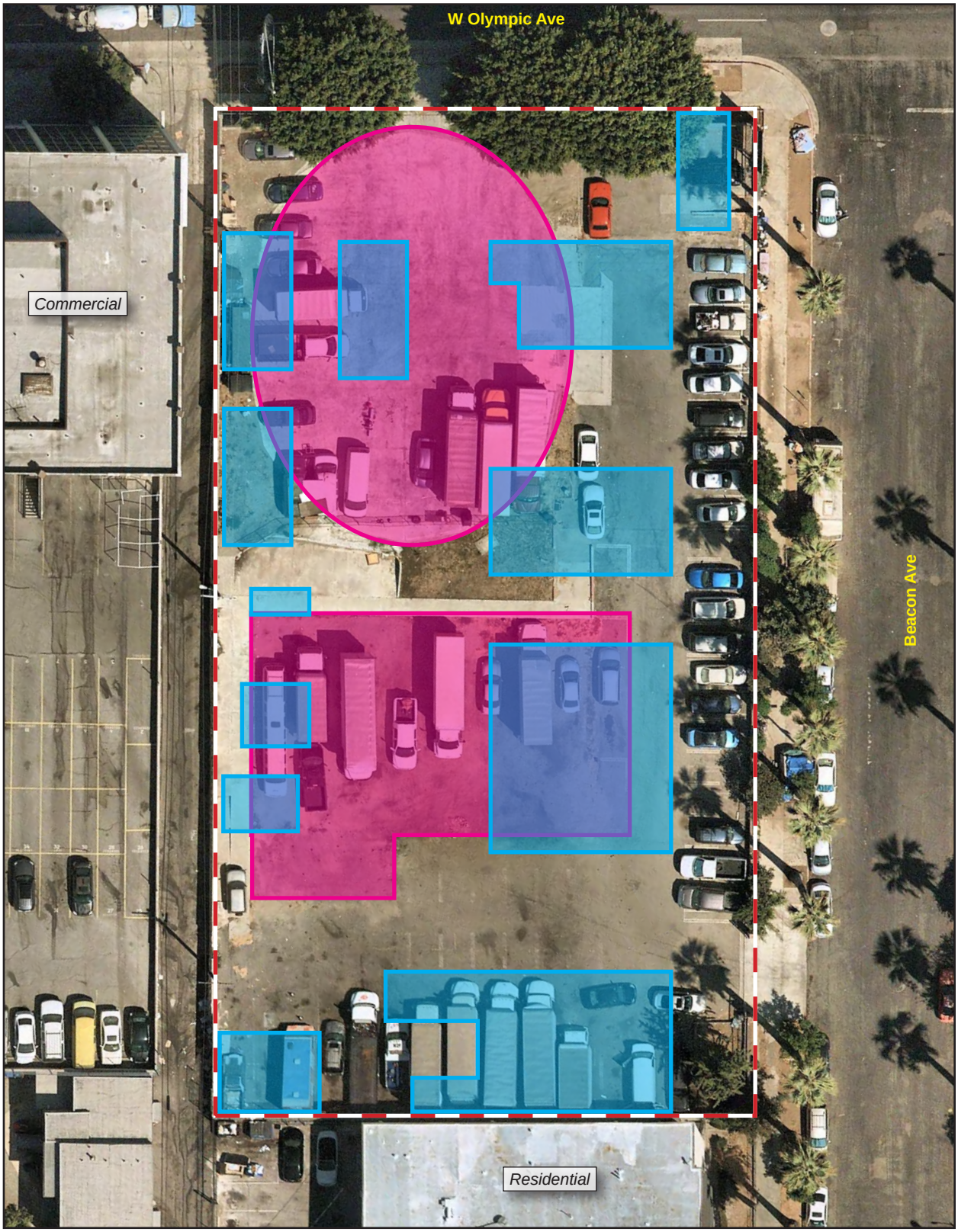
Figure 3 - Aerial Photograph

Project Boundary

0 60
Scale (Feet)

Source: Nearmap, 2020

Figure 4 - Historic Buildings



Project Boundary

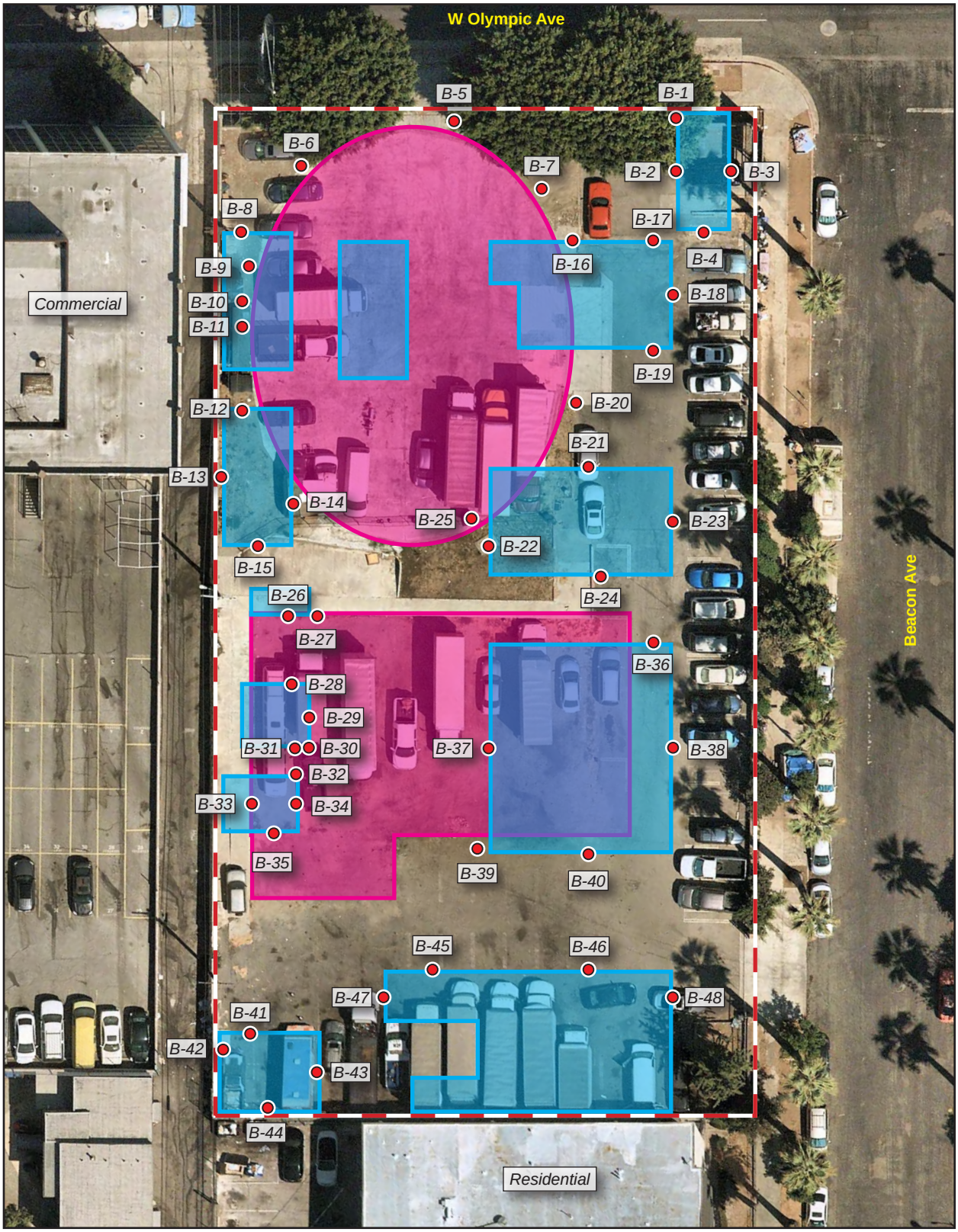
2002-2016 Structures

1900-1977 Structures

0 40
Scale (Feet)

Source: Nearmap, 2020

Figure 5 - Sampling Locations



Project Boundary

B-1 Sampling Locations (48)

2002-2016 Structures

1900-1977 Structures

0 40
Scale (Feet)

Source: Nearmap, 2020

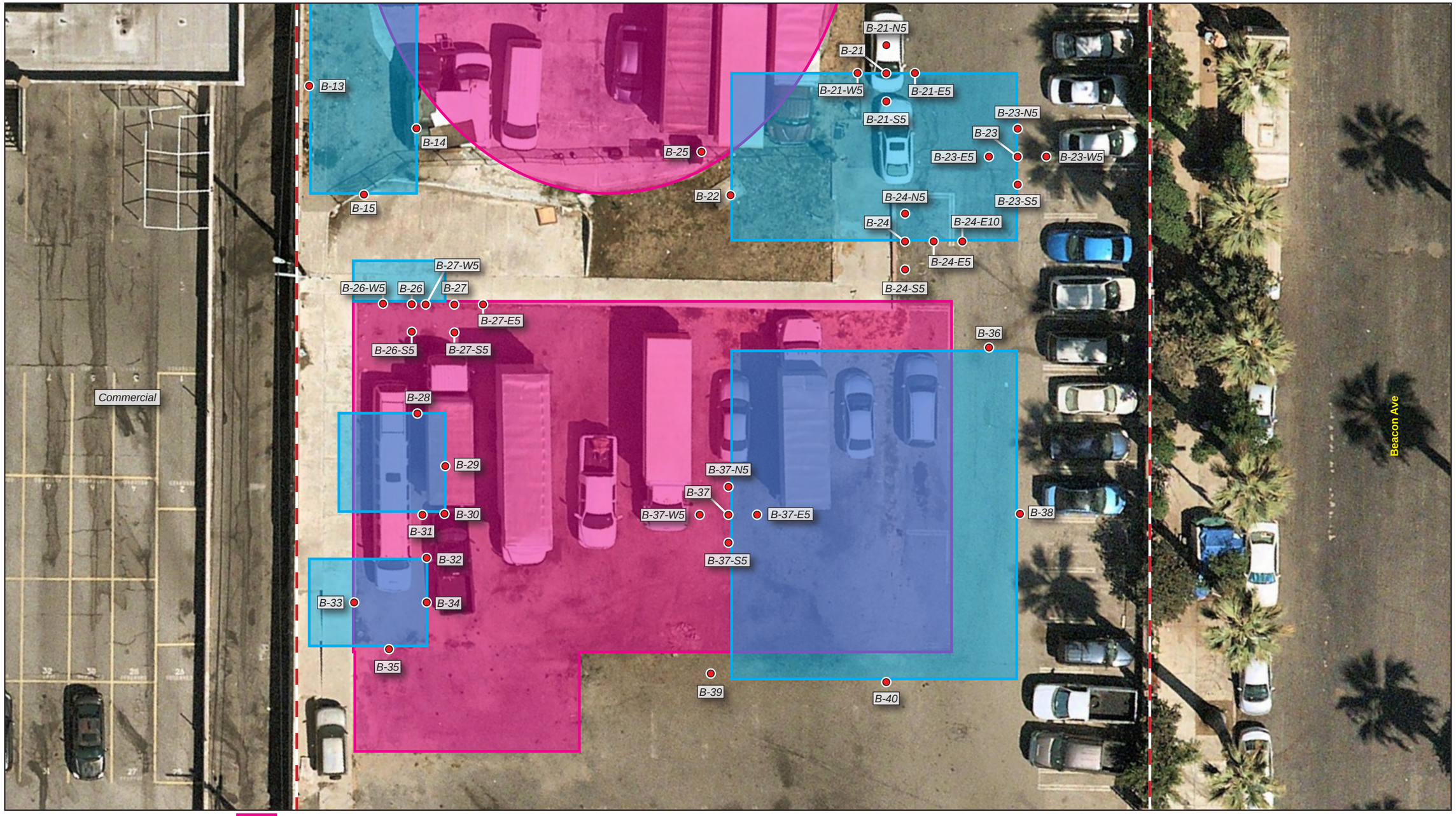
Figure 5a - Sampling Locations (North)

Project Boundary
B-1 Sampling Locations (20)
2002-2016 Structures
1900-1977 Structures

0 20
Scale (Feet)

Source: Nearmap, 2020

Figure 5b - Sampling Locations (Central)



Project Boundary

B-13 Sampling Locations (23)

2002-2016 Structures

1900-1977 Structures

0 20
Scale (Feet)

Source: Nearmap, 2020

Figure 5c - Sampling Locations (South)

Project Boundary

1900-1977 Structures

B-41 Sampling Locations (8)

Source: Nearmap, 2020

0 20
Scale (Feet)

PlaceWorks

Appendix A. Laboratory Reports

Appendix

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A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
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CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng — Ken Zheng, President 02/10/2020 11:20:18
Laboratory Job No. (Certificate of Analysis No.)	2002-00003
Project Name / No.	PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA B55-12.0
Dates Sampled (from/to)	01/31/20 To 01/31/20
Dates Received (from/to)	02/03/20 To 02/03/20
Dates Reported (from/to)	02/10/20 To 2/10/2020
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

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Laboratory Job# 2002-00003

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
B-1,B-2,B-3,B-4 @0.5'	4,4'-DDE	**0.036**		mg/Kg	0.0040	B-1,B-2,B-3,B-4 @0.5'	Chlordane	**0.042**		mg/Kg	0.020
B-1,B-2,B-3,B-4 @0.5'	Dieldrin	**0.019**		mg/Kg	0.0040	B-5,B-6,B-7@0.5'	4,4'-DDE	**0.0039**		mg/Kg	0.0020
B-5,B-6,B-7@0.5'	Chlordane	**0.015**		mg/Kg	0.010	B-5,B-6,B-7@0.5'	Dieldrin	**0.0044**		mg/Kg	0.0020
B-5DUP,B-6DUP,B-7DUP@0.5'	4,4'-DDE	**0.0084**		mg/Kg	0.0020	B-5DUP,B-6DUP,B-7DUP@0.5'	Chlordane	**0.020**		mg/Kg	0.010
B-5DUP,B-6DUP,B-7DUP@0.5'	Dieldrin	**0.0052**		mg/Kg	0.0020	B-8,B-9,B-10,B-11@2.5'	4,4'-DDE	**0.0025**		mg/Kg	0.0020
B-12,B-13,B-14,B-15@2.5'	4,4'-DDE	**0.0080**		mg/Kg	0.0020	B-12,B-13,B-14,B-15@2.5'	Chlordane	**0.012**		mg/Kg	0.010
B-12,B-13,B-14,B-15@2.5'	Dieldrin	**0.0052**		mg/Kg	0.0020	B-22,B-24,B-25@0.5'	4,4'-DDE	**0.010**		mg/Kg	0.0040
B-22,B-24,B-25@0.5'	Chlordane	**0.044**		mg/Kg	0.020	B-22,B-24,B-25@0.5'	Dieldrin	**0.0078**		mg/Kg	0.0040
B-22,B-24,B-25@2.5'	4,4'-DDE	**0.0028**		mg/Kg	0.0020	B-22,B-24,B-25@2.5'	Chlordane	**0.011**		mg/Kg	0.010
B-22,B-24,B-25@2.5'	Dieldrin	**0.0035**		mg/Kg	0.0020	B-20,B-21,B-23@0.5'	4,4'-DDE	**0.0095**		mg/Kg	0.0020
B-20,B-21,B-23@0.5'	Chlordane	**0.019**		mg/Kg	0.010	B-20,B-21,B-23@0.5'	Dieldrin	**0.0061**		mg/Kg	0.0020
B-20,B-21,B-23@0.5'	Heptachlor Epoxide	**0.0042**		mg/Kg	0.0020	B-20DUP,B-21DUP,B-23DUP@0.5	4,4'-DDE	**0.0090**		mg/Kg	0.0020
B-20DUP,B-21DUP,B-23DUP@0.5	Chlordane	**0.020**		mg/Kg	0.010	B-20DUP,B-21DUP,B-23DUP@0.5	Dieldrin	**0.011**		mg/Kg	0.0020
B-20DUP,B-21DUP,B-23DUP@0.5	Heptachlor Epoxide	**0.0023**		mg/Kg	0.0020	B-20,B-21,B-23@2.5'	4,4'-DDE	**0.0027**		mg/Kg	0.0020
B-20,B-21,B-23@2.5'	Dieldrin	**0.0034**		mg/Kg	0.0020	B-36,B-37,B-38@0.5'	4,4'-DDE	**0.0081**		mg/Kg	0.0020
B-36,B-37,B-38@0.5'	Chlordane	**0.031**		mg/Kg	0.010	B-36,B-37,B-38@0.5'	Dieldrin	**0.0032**		mg/Kg	0.0020
B-26,B-27@0.5'	4,4'-DDE	**0.014**		mg/Kg	0.0020	B-26,B-27@0.5'	Chlordane	**0.039**		mg/Kg	0.010
B-26,B-27@0.5'	Dieldrin	**0.020**		mg/Kg	0.0020	B-45,B-46,B-47,B-48@0.5'	Dieldrin	**0.0030**		mg/Kg	0.0020

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CERTIFICATE OF ANALYSIS

2002-00003

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **B-1@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**38.2**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 002 **B-2@0.5'**					Date & Time Sampled:		01/31/20 @	7:48
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**44.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 003 **B-3@0.5'**					Date & Time Sampled:		01/31/20 @	7:54
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**130**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 004 **B-4@0.5'**					Date & Time Sampled:		01/31/20 @	8:04
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**104**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 005 **B-17@0.5'**					Date & Time Sampled:		01/31/20 @	8:08
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**5.58**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 006 **B-18@0.5'**					Date & Time Sampled:		01/31/20 @	8:14
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**6.62**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 **B-19@0.5'**					Date & Time Sampled:		01/31/20 @	8:22
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**27.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 008 **B-7@0.5'**					Date & Time Sampled:		01/31/20 @	8:32
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**16.4**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 009 **B-16@0.5'**					Date & Time Sampled:		01/31/20 @	8:40
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**66.8**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 010 **B-5@0.5'**					Date & Time Sampled:		01/31/20 @	8:47
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**63.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 011 **B-5DUP@0.5'**					Date & Time Sampled:		01/31/20 @	8:48
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**3.36**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 012 **B-6@0.5'**					Date & Time Sampled:		01/31/20 @	9:00
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**17.2**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB

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Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 **B-6DUP@0.5'**					Date & Time Sampled:		01/31/20 @	9:01
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**17.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 014 **B-8@0.5'**					Date & Time Sampled:		01/31/20 @	9:08
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**19.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 015 **B-9@0.5'**					Date & Time Sampled:		01/31/20 @	9:16
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**15.8**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 016 **B-10@0.5'**					Date & Time Sampled:		01/31/20 @	9:23
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**23.3**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 017 **B-11@0.5'**					Date & Time Sampled:		01/31/20 @	9:30
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**12.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 018 **B-12@0.5'**					Date & Time Sampled:		01/31/20 @	9:42
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**11.1**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB

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Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 019 **B-13@0.5'**					Date & Time Sampled:		01/31/20 @	9:52
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**17.8**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 020 **B-14@0.5'**					Date & Time Sampled:		01/31/20 @	10:00
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/05/20	TLB
Lead	**37.0**		mg/Kg	EPA 6010B	1.0	0.500	02/05/20	TLB
Sample: 021 **B-15@0.5'**					Date & Time Sampled:		01/31/20 @	10:11
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**39.9**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 022 **B-25@0.5'**					Date & Time Sampled:		01/31/20 @	10:25
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**4.42**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 023 **B-22@0.5'**					Date & Time Sampled:		01/31/20 @	10:30
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**58.8**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 024 **B-20@0.5'**					Date & Time Sampled:		01/31/20 @	10:46
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**23.5**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 **B-20DUP@0.5'**					Date & Time Sampled:		01/31/20 @	10:47
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**41.8**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 026 **B-21@0.5'**					Date & Time Sampled:		01/31/20 @	10:57
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**17.8**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 027 **B-24@0.5'**					Date & Time Sampled:		01/31/20 @	11:08
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**330**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 028 **B-23@0.5'**					Date & Time Sampled:		01/31/20 @	11:23
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**153**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 029 **B-23DUP@0.5'**					Date & Time Sampled:		01/31/20 @	11:24
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**78.2**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 030 **B-36@0.5'**					Date & Time Sampled:		01/31/20 @	12:12
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**48.4**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 031 **B-38@0.5'**					Date & Time Sampled:		01/31/20 @	12:24
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**15.7**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 032 **B-40@0.5'**					Date & Time Sampled:		01/31/20 @	12:33
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**5.78**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 033 **B-39@0.5'**					Date & Time Sampled:		01/31/20 @	12:39
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**14.5**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 034 **B-39DUP@0.5'**					Date & Time Sampled:		01/31/20 @	12:40
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**6.99**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 035 **B-37@0.5'**					Date & Time Sampled:		01/31/20 @	12:47
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**171**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 036 **B-26@0.5'**					Date & Time Sampled:		01/31/20 @	12:56
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**11.9**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 037 **B-27@0.5'**					Date & Time Sampled:		01/31/20 @	13:08
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**344**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 038 **B-28@0.5'**					Date & Time Sampled:		01/31/20 @	13:18
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**3.83**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 039 **B-29@0.5'**					Date & Time Sampled:		01/31/20 @	13:25
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**3.01**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 040 **B-30@0.5'**					Date & Time Sampled:		01/31/20 @	13:36
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**25.7**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 041 **B-31@0.5'**					Date & Time Sampled:		01/31/20 @	13:50
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**10.7**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 042 **B-32@0.5'**					Date & Time Sampled:		01/31/20 @	13:57
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**4.21**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB

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Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 043 **B-34@0.5'**					Date & Time Sampled:		01/31/20 @	14:08
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**10.1**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 044 **B-33@0.5'**					Date & Time Sampled:		01/31/20 @	14:14
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**5.36**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 045 **B-35@0.5'**					Date & Time Sampled:		01/31/20 @	14:24
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**4.30**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 046 **B-44@0.5'**					Date & Time Sampled:		01/31/20 @	14:34
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**42.4**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 047 **B-42@0.5'**					Date & Time Sampled:		01/31/20 @	14:41
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**469**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 048 **B-41@0.5'**					Date & Time Sampled:		01/31/20 @	14:49
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**3890**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB

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Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 049 **B-43@0.5'**					Date & Time Sampled:		01/31/20 @	14:57
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**116**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 050 **B-47@0.5'**					Date & Time Sampled:		01/31/20 @	15:04
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**61.4**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 051 **B-45@0.5'**					Date & Time Sampled:		01/31/20 @	15:14
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**3.99**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 052 **B-48@0.5'**					Date & Time Sampled:		01/31/20 @	16:10
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**29.1**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 053 **B-46@0.5'**					Date & Time Sampled:		01/31/20 @	16:35
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		02/07/20	TLB
Lead	**14.1**		mg/Kg	EPA 6010B	1.0	0.500	02/07/20	TLB
Sample: 054 **EB013120**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Aqueous**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3010A	1.0		02/05/20	TLB
Lead	<0.0100		mg/L	EPA 200.7	1.0	0.0100	02/05/20	TLB
[Pesticides]								

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 054 **EB013120**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Aqueous**								
.....continued								
Sep Funnel LLE	Complete			EPA 3510C	1.0		02/04/20	SR
Aldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
alpha-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
beta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
delta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
gamma-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Chlordane	<0.50		µg/L	EPA 8081A	1.0	0.50	02/07/20	SR
4,4'-DDD	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
4,4'-DDE	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
4,4'-DDT	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Dieldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Endosulfan I	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Endosulfan II	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Endosulfan Sulfate	<0.10		µg/L	EPA 8081A	1.0	0.10	02/07/20	SR
Endrin	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Endrin Aldehyde	<0.10		µg/L	EPA 8081A	1.0	0.10	02/07/20	SR
Endrin Ketone	<0.50		µg/L	EPA 8081A	1.0	0.50	02/07/20	SR
Heptachlor	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Heptachlor Epoxide	<0.050		µg/L	EPA 8081A	1.0	0.050	02/07/20	SR
Methoxychlor	<0.50		µg/L	EPA 8081A	1.0	0.50	02/07/20	SR
Toxaphene	<0.50		µg/L	EPA 8081A	1.0	0.50	02/07/20	SR
[Surrogates]								
Tetrachloro-m-xylene	139		%REC	EPA 8081A/8082		50-150	02/07/20	SR
Decachlorobiphenyl	111		%REC	EPA 8081A/8082		50-150	02/07/20	SR
Sample: 055 **B-1,B-2,B-3,B-4 @0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
alpha-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 055 **B-1,B-2,B-3,B-4 @0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
delta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
gamma-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Chlordane	**0.042**		mg/Kg	EPA 8081A	2.0	0.020	02/05/20	SR
4,4'-DDD	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
4,4'-DDE	**0.036**		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
4,4'-DDT	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Dieldrin	**0.019**		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endosulfan I	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endosulfan II	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endosulfan Sulfate	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endrin Aldehyde	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endrin ketone	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Heptachlor	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Heptachlor Epoxide	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Methoxychlor	<0.020		mg/Kg	EPA 8081A	2.0	0.020	02/05/20	SR
Toxaphene	<0.10		mg/Kg	EPA 8081A	2.0	0.10	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene		D	%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl		D	%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 056 **B-1,B-2,B-3,B-4 @2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 056 **B-1,B-2,B-3,B-4 @2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	101		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 057 **B-16,B-17,B-18,B-19@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 057 **B-16,B-17,B-18,B-19@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	145		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	83		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 058 **B-16,B-17,B-18,B-19@2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 058 **B-16,B-17,B-18,B-19@2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	127		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	89		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 059 **B-5,B-6,B-7@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.015**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0039**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0044**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 059 **B-5,B-6,B-7@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	129		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	91		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 060 **B-5DUP,B-6DUP,B-7DUP@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.020**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0084**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0052**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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2002-00003

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DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 060 **B-5DUP,B-6DUP,B-7DUP@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	119		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	86		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 061 **B-5,B-6,B-7@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR

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2002-00003

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ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 061 **B-5,B-6,B-7@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	140		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	95		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 062 **B-8,B-9,B-10,B-11@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	137		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	85		%REC	EPA 8081A/8082		50-150	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 063 **B-8,B-9,B-10,B-11@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0025**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	126		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 064 **B-12,B-13,B-14,B-15@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 064 **B-12,B-13,B-14,B-15@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	147		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	80		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 065 **B-12,B-13,B-14,B-15@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Date Reported	02/10/20
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Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 065 **B-12,B-13,B-14,B-15@2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.012**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0080**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0052**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	91		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 066 **B-22,B-24,B-25@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
alpha-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
beta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
delta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
gamma-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Chlordane	**0.044**		mg/Kg	EPA 8081A	2.0	0.020	02/05/20	SR
4,4'-DDD	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR

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2002-00003

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ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 066 **B-22,B-24,B-25@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
4,4'-DDE	**0.010**		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
4,4'-DDT	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Dieldrin	**0.0078**		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endosulfan I	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endosulfan II	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endosulfan Sulfate	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endrin Aldehyde	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Endrin ketone	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Heptachlor	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Heptachlor Epoxide	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	02/05/20	SR
Methoxychlor	<0.020		mg/Kg	EPA 8081A	2.0	0.020	02/05/20	SR
Toxaphene	<0.10		mg/Kg	EPA 8081A	2.0	0.10	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene		D	%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl		D	%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 067 **B-22,B-24,B-25@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.011**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0028**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0035**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 067 **B-22,B-24,B-25@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	139		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	87		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 068 **B-20,B-21,B-23@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.019**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0095**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0061**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 068 **B-20,B-21,B-23@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	**0.0042**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	125		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	95		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 069 **B-20DUP,B-21DUP,B-23DUP@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.020**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0090**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.011**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 069 **B-20DUP,B-21DUP,B-23DUP@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	**0.0023**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	131		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 070 **B-20,B-21,B-23@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0027**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0034**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR

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Date Reported	02/10/20
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Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 070 **B-20,B-21,B-23@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	150		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 071 **B-36,B-37,B-38@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	**0.031**		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	**0.0081**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	**0.0032**		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	126		%REC	EPA 8081A/8082		50-150	02/05/20	SR

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2002-00003

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 071 **B-36,B-37,B-38@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
Decachlorobiphenyl	88		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 072 **B-36,B-37,B-38@2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	103		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 073 **B-39,B-40@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 073 **B-39,B-40@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/05/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/05/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/05/20	SR
[Surrogates]								
Tetrachloro-m-xylene	147		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Decachlorobiphenyl	91		%REC	EPA 8081A/8082		50-150	02/05/20	SR
Sample: 074 **B-39DUP,B-40DUP@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 074 **B-39DUP,B-40DUP@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	149		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	105		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 075 **B-39,B-40@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 075 **B-39,B-40@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	130		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	100		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 076 **B-26,B-27@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	**0.039**		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	**0.014**		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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Date Reported	02/10/20
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Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 076 **B-26,B-27@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	**0.020**		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	130		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	100		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 077 **B-26,B-27@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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	2122

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2002-00003

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 077 **B-26,B-27@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	139		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	113		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 078 **B-28,B-29,B-30,B-31@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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2002-00003

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DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 078 **B-28,B-29,B-30,B-31@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	121		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	95		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 079 **B-28,B-29,B-30,B-31@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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2002-00003

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2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 079 **B-28,B-29,B-30,B-31@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	132		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	99		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 080 **B-32,B-33,B-34,B-35@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR

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2002-00003

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SUITE B
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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 080 **B-32,B-33,B-34,B-35@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	134		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	104		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 081 **B-32,B-33,B-34,B-35@2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	121		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	104		%REC	EPA 8081A/8082		50-150	02/06/20	SR

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Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 082 **B-41,B-42,B-43,B-44@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	148		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	85		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 083 **B-41,B-42,B-43,B-44@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 083 **B-41,B-42,B-43,B-44@2.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
.....continued								
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	143		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	92		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 084 **B-45,B-46,B-47,B-48@0.5'**					Date & Time Sampled:		01/31/20 @	7:38
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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CERTIFICATE OF ANALYSIS

2002-00003

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 084 **B-45,B-46,B-47,B-48@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
.....continued								
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	**0.0030**		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	133		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	87		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Sample: 085 **B-45,B-46,B-47,B-48@2.5'** Sample Matrix: **Soil**					Date & Time Sampled:		01/31/20 @	7:38
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		02/04/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR

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CERTIFICATE OF ANALYSIS

2002-00003

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Date Reported	02/10/20
Date Received	02/03/20
Invoice No.	88066
Cust #	P135
Permit Number	
Customer P.O.	B55-12.0

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Sample: 085 **B-45,B-46,B-47,B-48@2.5'** Date & Time Sampled: 01/31/20 @ 7:38
Sample Matrix: **Soil**
.....continued

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	02/06/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	02/06/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	02/06/20	SR
[Surrogates]								
Tetrachloro-m-xylene	102		%REC	EPA 8081A/8082		50-150	02/06/20	SR
Decachlorobiphenyl	87		%REC	EPA 8081A/8082		50-150	02/06/20	SR

Respectfully Submitted: Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

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For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

2002-00003

PLACEWORKS
ONTARIO, CA 91764

Date Reported	**02/10/2020**
Date Received	**02/03/2020**
Date Sampled	**01/31/2020**
Invoice No.	**88066**
Customer #	**P135**
Customer P.O.	**B55-12.0**

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Method # EPA 200.7
QC Reference # 87557 **Date Analyzed:** 2/5/2020 **Technician:** TLB
Samples 054

Results

	LCS %REC	LCS %DUP	LCS %RPD
Lead	103	104	1.5
Sodium	98	97	0.4

Control Ranges

LCS %REC	LCS %RPD
85 - 115	0 - 15
85 - 115	0 - 15

Method # EPA 6010B
QC Reference # 87556 **Date Analyzed:** 2/5/2020 **Technician:** TLB
Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	105	111	5.6	106	111	1.9

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

QC Reference # 87629 **Date Analyzed:** 2/7/2020 **Technician:** TLB
Samples 021 022 023 024 025 026 027 028 029 030 031 032 033 034 035 036

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	100	100	0.4	94	101	2.2

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

QC Reference # 87630 **Date Analyzed:** 2/7/2020 **Technician:** TLB
Samples 037 038 039 040 041 042 043 044 045 046 047 048 049 050 051 052 053

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	104	101	3.1	116	145	1.9

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

Method # EPA 8081A
QC Reference # 87597 **Date Analyzed:** 2/5/2020 **Technician:** SR
Samples 055 056 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073

Results

	LCS %REC	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
4,4'-DDT	106	106	127	21
Aldrin	124	114	117	3
Dieldrin	124	107	112	5
Endrin	109	133	136	3
gamma-BHC	80	101	103	2
Heptachlor	115	102	103	1

Control Ranges

LCS %REC	SPIKE %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

QC Reference # 87615 **Date Analyzed:** 2/6/2020 **Technician:** SR

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QUALITY CONTROL DATA REPORT

2002-00003

PLACEWORKS

Date Reported	**02/10/2020**
Date Received	**02/03/2020**
Date Sampled	**01/31/2020**

Project: PROPOSED 1700 W. OLYMPIC SHCOOL ,LOS ANGELES,CA

Method # EPA 8081A

QC Reference # 87615 **Date Analyzed:** 2/6/2020 **Technician:** SR

Samples 057 074 075 076 077 078 079 080 081 082 083 084 085

Results

	LCS %REC	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
4,4'-DDT	87	85	82	3
Aldrin	127	88	93	5
Dieldrin	118	87	91	4
Endrin	133	131	140	11
gamma-BHC	108	123	129	6
Heptachlor	111	65	71	6

Control Ranges

LCS %REC	SPIKE %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

QC Reference # 87631 **Date Analyzed:** 2/7/2020 **Technician:** SR

Samples 054

Results

	LCS %REC	LCS %DUP	LCS %RPD
4,4'-DDT	92	98	6
Aldrin	116	116	0
Dieldrin	110	111	1
Endrin	139	140	1
gamma-BHC	105	105	0
Heptachlor	91	95	4

Control Ranges

LCS %REC	LCS %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

Method # EPA 8081A/8082

QC Reference # 87597 **Date Analyzed:** 2/5/2020 **Technician:** SR

Samples 055 056 058 059 060 061 062 063 064 065 066 067 068 069 070 071 072 073

No QC recoveries reported.

QC Reference # 87615 **Date Analyzed:** 2/6/2020 **Technician:** SR

Samples 057 074 075 076 077 078 079 080 081 082 083 084 085

No QC recoveries reported.

QC Reference # 87631 **Date Analyzed:** 2/7/2020 **Technician:** SR

Samples 054

No QC recoveries reported.

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2002-3

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BLVD ONTARIO, CA 91764
Report Attention: Denise
Phone #: 909 989 4819
Fax: #
Sampled By: M. Watson
Project No./ Name: BSS-12.0
Project Site: PROPOSED MOO W. OLYMPIC SCHOOL LOS ANGELES, CA

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested: EPA8260B (VOCs & Oxygenates); EPA8260B(BTEX & Oxygenates); LUFT / 8015 (Gasoline); LUFT / 8015 (Diesel); EPA8081A (Organochlorine Pesticides); EPA 8082 (PCBs); EPA 8015M (Carbon Chain C4-C40); EPA 6010B/7000 (CAM 17 Metals); Micro: Plate Cnt., Coliform, E-Coli; 6010B Lead

C=composite
X=discrete

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks
1	B-1@0.5'	1/31/20	0738	soil	ice	1 acetate sleeve					C					X						(65) B-1, B-2, B-3, B-4 @0.5'
	B-1@2.5'		0740								C											(56) B-1, B-2, B-3, B-4 @2.5'
2	B-2@0.5'		0748								C					X						See B-1@0.5'
	B-2@2.5'		0750								C											See B-1@2.5'
3	B-3@0.5'		0754								C					X						See B-1@0.5'
	B-3@2.5'		0756								C											See B-1@2.5'
4	B-4@0.5'		0804								C					X						See B-1@0.5'
	B-4@2.5'		0806								C											See B-1@2.5'
5	B-17@0.5'		0808								C					X						See B-16@0.5'
	B-17@2.5'		0810								C											See B-16@2.5'
6	B-18@0.5'		0814								C					X						See B-16@0.5'
	B-18@2.5'		0816								C											See B-16@2.5'
7	B-19@0.5'		0822								C					X						See B-16@0.5'
	B-19@2.5'		0824								C											See B-16@2.5'
8	B-7@0.5'		0832								C					X						See B-5@0.5'

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	2/3/20	1025	[signature]		2/3/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2002-3

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BLVD #B ONTARIO, CA 91764
Report Attention: Denise
Phone #: 909 989 4449
Fax: #
Sampled By: M. Watson
Project No./ Name: BSS-12.0
Project Site: PROPOSED 1700 W. OLYMPIC SCHOOL LOS ANGELES, CA

☐ Chilled
☐ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks (C=Composite X=discrete)
	B-7DUPe0.5'	1/31/20	0833	soil	ice	Tacetate sleeve					C											See B-5DUPe0.5'
	B-7e2.5'		0834								C											See B-5e2.5'
9	B-16e0.5'		0840								C					X					(57)	B-16, B-17, B-18, B-19e0.5'
	B-16e2.5'		0842								C										(58)	B-16, B-17, B-18, B-19e2.5'
10	B-5e0.5'		0847								C					X					(59)	B-5, B-6, B-7e0.5'
11	B-5DUPe0.5'		0848								C					X					(60)	B-5DUP, B-6DUP, B-7DUPe0.5'
	B-5e2.5'		0849								C										(61)	B-5, B-6, B-7e2.5'
12	B-6e0.5'		0900								C					X						See B-5e0.5'
13	B-6DUPe0.5'		0901								C					X						See B-5DUPe0.5'
	B-6e2.5'		0902								C											See B-5e2.5'
14	B-8e0.5'		0908								C					X					(62)	B-8, B-9, B-10, B-11e0.5'
	B-8e2.5'		0910								C										(63)	B-8, B-9, B-10, B-11e2.5'
15	B-9e0.5'		0916								C					X						See B-8e0.5'
	B-9e2.5'		0918								C											See B-8e2.5'
16	B-10e0.5'		0923								C					X						See B-8e0.5'

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	2/3/20	1025	[signature]		2/3/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2002 - 3

Client Name: PLACEWORKS
E-mail: DENEMING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BL #B ONTARIO CA 91764
Report Attention: Denise
Phone #: 9099894499
Fax: #
Sampled By: M. Watson
Project No./ Name: B55-12.0
Project Site: PROPOSED 1700 W. OLYMPIC SCHOOL LOS ANGELES, CA

☐ Chilled
☐ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks (C=Composite, X=discrete)
	B-10@2.5'	1/31/20	0925	Soil	ice	1 acetate sleeve					C											See B-8@2.5'
17	B-11@0.5'		0930								C					X						See B-8@0.5'
	B-11@2.5'		0932								C											see B-8@2.5'
18	B-12@0.5'		0942								C					X						(64) B-12, B-13, B-14, B-15@0.5'
	B-12@2.5'		0944								C											(65) B-12, B-13, B-14, B-15@2.5'
19	B-13@0.5'		0952								C					X						See B-12@0.5'
	B-13@2.5'		0954								C											See B-12@2.5'
20	B-14@0.5'		1000								C					X						See B-12@0.5'
	B-14@2.5'		1002								C											see B-12@2.5'
21	B-15@0.5'		1011								C					X						see B-12@0.5'
	B-15@2.5'		1015								C											see B-12@2.5'
22	B-25@0.5'		1025								C					X						See B-22@0.5'
	B-25@2.5'		1028								C											see B-22@2.5'
23	B-22@0.5'		1030								C					X						(66) B-22, B-24, B-25@0.5'
	B-22@2.5'		1036								C											(67) B-22, B-24, B-25@2.5'

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	2/3/20	1025	[signature]		2/3/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2002-3

Client Name: PLACEWORKS
E-mail: ~~2850 INLAND EMPIRE BL~~ DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BL #B ONTARIO CA 91764
Report Attention: Denise
Phone #: 909 989 4449
Fax: #
Sampled By: M. Watson
Project No./ Name: BSS-12.0
Project Site: PROPOSED 1700 W. OLYMPIC SCHOOL LOS ANGELES, CA

☐ Chilled ☐ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

C=Composite X=discrete

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks
24	B-20@0.5'	1/31/20	1046	Soil	ice	1 acetate sleeve					C					X					(68)	B-20, B-21, B-23 @ 0.5'
25	B-20DUP@0.5'		1047								C					X					(69)	B-20 DUP, B-21 DUP, B-23 DUP @ 0.5'
	B-20@2.5'		1048								C										(70)	B-20, B-21, B-23 @ 2.5'
26	B-21@0.5'		1057								C					X						See B-20 @ 0.5'
	B-21DUP@0.5'		1058								C											See B-20 DUP @ 0.5'
	B-21@2.5'		1059								C											See B-20 @ 2.5'
27	B-24@0.5'		1108								C					X						See B-22 @ 0.5'
	B-24@2.5'		1110								C											See B-22 @ 2.5'
28	B-23@0.5'		1123								C					X						See B-20 @ 0.5'
29	B-23DUP@0.5'		1124								C					X						See B-20 DUP @ 0.5'
	B-23@2.5'		1125								C											See B-20 @ 2.5'
30	B-36@0.5'		1212								C					X					(71)	B-36, B-37, B-38 @ 0.5'
	B-36@2.5'		1214								C										(72)	B-36, B-37, B-38 @ 2.5'
31	B-38@0.5'		1224								C					X						See B-36 @ 0.5'
	B-38@2.5'		1226								C											See B-36 @ 2.5'

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	2/3/20	1025	[signature]		2/3/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2002-3

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BL, #B, ONTARIO CA 91764
Report Attention: Denise
Phone #: 9099894449
Fax: #
Sampled By: M. Watson
Project No./ Name: BSS-12.0
Project Site: PROPOSED 1700 W. OLYMPIC BLVD LOS ANGELES, CA

☐ Chilled
☐ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks (C=composite, X=discrete)
32	B-40@0.5'	1/31/20	1233	soil	ice	1 acetate sleeve					C					X						See B-39@0.5'
	B-40DUP@0.5'		1234								C											See B-39DUP@0.5'
	B-40@2.5'		1235								C											See B-39@2.5'
33	B-39@0.5'		1239								C					X					(73)	B-39, B-40@0.5'
34	B-39DUP@0.5'		1240								C					X					(74)	B-39DUP, B-40DUP@0.5'
(MS)	B-39@2.5'		1241								C										(75)	B-39, B-40@2.5'
35	B-37@0.5'		1247								C					X						See B-36@0.5'
	B-37@2.5'		1249								C											See B-36@2.5'
36	B-26@0.5'		1256								C					X					(76)	B-26, B-27@0.5'
	B-26@2.5'		1258								C										(77)	B-26, B-27@2.5'
37	B-27@0.5'		1308								C					X						See B-26@0.5'
	B-27@2.5'		1310								C											See B-26@2.5'
38	B-28@0.5'		1318								C					X					(78)	B-28, B-29, B-30, B-31@0.5'
	B-28@2.5'		1320								C										(79)	B-28, B-29, B-30, B-31@2.5'
39	B-29@0.5'		1325								C					X						See B-28@0.5'

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	1/31/20	1025	[signature]		2/3/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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CHAIN OF CUSTODY

A & R Work Order #: 2002-3

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BL #B ONTARIO CA 91764
Report Attention: Denise
Phone #: 9099894449
Fax: #:
Sampled By: M. Watson
Project No./ Name: B55-12.0
Project Site: PROPOSED 1700 W. OLYMPIC SCHOOL LOS ANGELES, CA

☐ Chilled
☐ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

C=composite
X=discrete

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks
	B-29@2.5'	1/31/20	1327	Soil	ice	Lacetate sleeve					C											see B-28@2.5'
40	B-30@0.5'	↓	1336	↓	↓	↓					C					X						see B-28@0.5'
	B-30@2.5'		1338								C											see B-28@2.5'
41	B-31@0.5'		1350								C					X						see B-28@0.5'
	B-31@2.5'		1352								C											see B-28@2.5'
42	B-32@0.5'		1357								C					X						(80) B-32, B-33, B-34, B-35@0.5'
	B-32@2.5'		1359								C											(81) B-32, B-33, B-34, B-35@2.5'
43	B-34@0.5'		1408								C					X						see B-32@0.5'
	B-34@2.5'		1410								C											see B-32@2.5'
44	B-33@0.5'		1414								C					X						see B-32@0.5'
	B-33@2.5'		1416								C											see B-32@2.5'
45	B-35@0.5'		1424								C					X						see B-32@0.5'
	B-35@2.5'		1426								C											see B-32@2.5'
46	B-44@0.5'		1434								C					X						see B-41@0.5'
	B-44@2.5'	↓	1436	↓	↓	↓					C											see B-41@2.5'

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	2/3/20	1025	[signature]		2/3/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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CHAIN OF CUSTODY

A & R Work Order #: 2002 - 3

Client Name: PLACE WORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BLVD #B ONTARIO CA 91764
Report Attention: Denise
Phone #: 909 989 4449
Fax: #
Sampled By: M. Watson
Project No./ Name: B55-12-0
Project Site: PROPOSED 1700 W. OLYMPIC SCHOOL LOS ANGELES, CA

☐ Chilled
☐ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

C=Composite
X=discrete

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead						Remarks
47	B-42@0.5'	1/31/20	1441	soil	ice	Acetate sleeve					C					X					8	See B-41@0.5'
	B-42@2.5'		1443								C										8	See B-41@2.5'
48	B-41@0.5'		1449								C					X				8	8	B-41, B-42, B-43, B-44@0.5'
	B-41@2.5'		1451								C									8	8	B-41, B-42, B-43, B-44@2.5'
49	B-43@0.5'		1457								C					X						See B-41@0.5'
	B-43@2.5'		1459								C											See B-41@2.5'
50	B-47@0.5'		1504								C					X						See B-45@0.5'
	B-47@2.5'		1506								C										8	See B-45@2.5'
51	B-45@0.5'		1514								C					X				8	8	B-45, B-46, B-47, B-48@0.5'
	B-45@2.5'		1516								C									8	8	B-45, B-46, B-47, B-48@2.5'
52	B-48@0.5'		1610								C					X						See B-45@0.5'
	B-48@2.5'		1615								C											See B-45@2.5'
53	B-46@0.5'		1635								C					X						See B-45@0.5'
	B-46@2.5'		1645								C											See B-45@2.5'
54	EB013120		1700	aqueous	ice HNO_3	1 amber 1 plastic					X					X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible]	PLACEWORKS	1/31/20	1025	[illegible]		1/31/20	1025
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

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* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

ARL

Sample Acceptance Checklist

CLIENT: Placeworks WORK ORDER NUMBER: 2002-3

Temperature:(Criteria:0.0ºC-6.0ºC)

Sample Temp.(w/CF) ºC(w/CF) 4.5°c

☐ Sample(s) outside temprature criteria: PM contacted by :

☐ Sample(s) outside temprature criteria, but received on ice/chilled on same day of sampling.

☐ Sample(s) received at ambient temprature; placed on ice for transport by courier.

Ambient Temprature ☐ Air ☐ Filter

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present and Not Intact	✓ Not Present
Sample(s)	☐ Present and Intact	☐ Present and Not Intact	✓ Not Present

Sample Condition:	Yes	No	N/A
Was a COC received	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relingquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were all samples sealed in plastic bags?			✓
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of samples sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?	✓		

Explanations/Comments:

Notification:

For discrepancies, how was the Project Manager notified? Verbal

Verbal: PM Initials: _____ Data/Time: _____

Email: Send to: _____ Data/Time: _____

Project Manager's response:

Completed By: [signature] Date: 2/5/20

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1650 S. Grove Ave., Suite C, Ontario, CA 91761
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Email: office@arlaboratories.com

A & R Laboratories, Inc.

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www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

CHEMISTRY · MICROBIOLOGY · FOOD SAFETY · MOBILE LABORATORIES
FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng — Ken Zheng, President 10/21/2020 21:37:10
Laboratory Job No. (Certificate of Analysis No.)	2010-00128
Project Name / No.	RISE KOHYANG MS, LOS ANGELES BSS-15.0
Dates Sampled (from/to)	10/15/20 To 10/15/20
Dates Received (from/to)	10/15/20 To 10/15/20
Dates Reported (from/to)	10/21/20 To 10/21/2020
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

The data and information on this, and other accompanying documents, represent only the sample(s) analyzed and is rendered upon condition that it is not to be reproduced, wholly or in part, for advertising or other purposes without approval from the laboratory.

USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

A & R Laboratories, Inc.

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LA City#	10261
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	2790
	2122

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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

Laboratory Job# 2010-00128

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
B-1-W5@0.5'	4,4'-DDE	**0.0045**		mg/Kg	0.0020	B-1-W5@0.5'	Dieldrin	**0.0042**		mg/Kg	0.0020
B-1-S5@0.5'	4,4'-DDE	**0.020**		mg/Kg	0.010	B-1-S5@0.5'	Dieldrin	**0.015**		mg/Kg	0.010
B-1-E5@0.5'	4,4'-DDE	**0.0098**		mg/Kg	0.0020	B-1-E5@0.5'	Chlordane	**0.052**		mg/Kg	0.010
B-1-E5@0.5'	Dieldrin	**0.028**		mg/Kg	0.0020	B-2-N5@0.5'	4,4'-DDE	**0.0040**		mg/Kg	0.0020
B-2-N5@0.5'	Dieldrin	**0.0033**		mg/Kg	0.0020	B-1-S10@0.5'	4,4'-DDE	**0.0034**		mg/Kg	0.0020
B-1-S10@0.5'	Chlordane	**0.013**		mg/Kg	0.010	B-1-S10@0.5'	Dieldrin	**0.0071**		mg/Kg	0.0020
B-2-W5@0.5'	4,4'-DDE	**0.021**		mg/Kg	0.010	B-2-W5@0.5'	Dieldrin	**0.017**		mg/Kg	0.010
B-3-N5@0.5'	Dieldrin	**0.0023**		mg/Kg	0.0020	B-3-N5DUP@0.5'	Dieldrin	**0.0021**		mg/Kg	0.0020
B-3-S5@0.5'	4,4'-DDE	**0.020**		mg/Kg	0.010	B-3-S5@0.5'	Dieldrin	**0.022**		mg/Kg	0.010
B-3-E5@0.5'	Dieldrin	**0.019**		mg/Kg	0.010	B-3-W5@0.5'	Dieldrin	**0.011**		mg/Kg	0.010
B-2-E5@0.5'	4,4'-DDE	**0.0043**		mg/Kg	0.0040	B-2-E5@0.5'	Chlordane	**0.033**		mg/Kg	0.020
B-2-E5@0.5'	Dieldrin	**0.021**		mg/Kg	0.0040	B-2-S5@0.5'	4,4'-DDE	**0.0032**		mg/Kg	0.0020
B-2-S5@0.5'	Chlordane	**0.011**		mg/Kg	0.010	B-2-S5@0.5'	Dieldrin	**0.0050**		mg/Kg	0.0020
B-4-N5@0.5'	4,4'-DDE	**0.0030**		mg/Kg	0.0020	B-4-N5@0.5'	Dieldrin	**0.0087**		mg/Kg	0.0020
B-4-N5DUP@0.5'	4,4'-DDE	**0.0030**		mg/Kg	0.0020	B-4-N5DUP@0.5'	Dieldrin	**0.0024**		mg/Kg	0.0020
B-4-W5@0.5'	4,4'-DDE	**0.016**		mg/Kg	0.0020	B-4-W5@0.5'	Chlordane	**0.033**		mg/Kg	0.010
B-4-W5@0.5'	Dieldrin	**0.010**		mg/Kg	0.0020	B-4-E5@0.5'	4,4'-DDE	**0.0081**		mg/Kg	0.0020
B-4-E5@0.5'	Dieldrin	**0.0024**		mg/Kg	0.0020	B-23-S5@0.5'	4,4'-DDE	**0.074**		mg/Kg	0.0020
B-23-S5@0.5'	Chlordane	**0.094**		mg/Kg	0.010	B-23-S5@0.5'	Dieldrin	**0.080**		mg/Kg	0.0020
B-23-S5@0.5'	Heptachlor Epoxide	**0.0096**		mg/Kg	0.0020	B-23-E5@0.5'	4,4'-DDE	**0.025**		mg/Kg	0.010
B-23-E5@0.5'	Chlordane	**0.15**		mg/Kg	0.050	B-23-E5@0.5'	Dieldrin	**0.11**		mg/Kg	0.010
B-23-E5@0.5'	Heptachlor Epoxide	**0.017**		mg/Kg	0.010	B-23-W5@0.5'	4,4'-DDE	**0.11**		mg/Kg	0.010
B-23-W5@0.5'	Chlordane	**0.35**		mg/Kg	0.050	B-23-W5@0.5'	Dieldrin	**0.11**		mg/Kg	0.010
B-23-W5@0.5'	Heptachlor Epoxide	**0.021**		mg/Kg	0.0020	B-23-W5DUP@0.5'	4,4'-DDE	**0.055**		mg/Kg	0.0020
B-23-W5DUP@0.5'	Chlordane	**0.096**		mg/Kg	0.010	B-23-W5DUP@0.5'	Dieldrin	**0.047**		mg/Kg	0.0020
B-23-W5DUP@0.5'	Heptachlor Epoxide	**0.0079**		mg/Kg	0.0020	B-23-N5@0.5'	4,4'-DDE	**0.020**		mg/Kg	0.0020
B-23-N5@0.5'	Chlordane	**0.051**		mg/Kg	0.010	B-23-N5@0.5'	Dieldrin	**0.036**		mg/Kg	0.0020
B-23-N5@0.5'	Heptachlor Epoxide	**0.0068**		mg/Kg	0.0020	B-23-N5DUP@0.5'	4,4'-DDE	**0.10**		mg/Kg	0.010
B-23-N5DUP@0.5'	Chlordane	**0.059**		mg/Kg	0.010	B-23-N5DUP@0.5'	Dieldrin	**0.050**		mg/Kg	0.0020
B-23-N5DUP@0.5'	Heptachlor Epoxide	**0.0040**		mg/Kg	0.0020	B-21-S5@0.5'	4,4'-DDE	**0.030**		mg/Kg	0.0020
B-21-S5@0.5'	Chlordane	**0.11**		mg/Kg	0.010	B-21-S5@0.5'	Dieldrin	**0.025**		mg/Kg	0.0020
B-21-S5@0.5'	Heptachlor Epoxide	**0.0050**		mg/Kg	0.0020	B-21-W5@0.5'	4,4'-DDE	**0.021**		mg/Kg	0.0040
B-21-W5@0.5'	Chlordane	**0.16**		mg/Kg	0.020	B-21-W5@0.5'	Dieldrin	**0.035**		mg/Kg	0.0040
B-21-E5@0.5'	4,4'-DDE	**0.025**		mg/Kg	0.0020	B-21-E5@0.5'	Chlordane	**0.024**		mg/Kg	0.010
B-21-E5@0.5'	Dieldrin	**0.019**		mg/Kg	0.0020	B-20-S5@0.5'	4,4'-DDE	**0.0053**		mg/Kg	0.0020
B-20-S5@0.5'	Dieldrin	**0.0051**		mg/Kg	0.0020	B-20-E5@0.5'	Chlordane	**0.060**		mg/Kg	0.050

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Laboratory Job# 2010-00128

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
B-20-E5@0.5'	Dieldrin	**0.015**		mg/Kg	0.010	B-20-N5@0.5'	Dieldrin	**0.0024**		mg/Kg	0.0020
B-20-W5@0.5'	4,4'-DDE	**0.045**		mg/Kg	0.0020	B-20-W5@0.5'	Chlordane	**0.24**		mg/Kg	0.050
B-20-W5@0.5'	Dieldrin	**0.015**		mg/Kg	0.0020						

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **B-1-W5@0.5'**					Date & Time Sampled:		10/15/20 @	9:33
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	**0.0045**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0042**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	100		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	90		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 002 **B-1-S5@0.5'**					Date & Time Sampled:		10/15/20 @	9:41
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 **B-1-S5@0.5'**					Date & Time Sampled:		10/15/20 @	9:41
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Chlordane	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDE	**0.020**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Dieldrin	**0.015**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor Epoxide	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	140		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	126		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 003 **B-1-E5@0.5'**					Date & Time Sampled:		10/15/20 @	9:51
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 **B-1-E5@0.5'**					Date & Time Sampled:		10/15/20 @	9:51
Sample Matrix: **Soil**								
.....continued								
Chlordane	**0.052**		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	**0.0098**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.028**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	102		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	89		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 004 **B-2-N5@0.5'**					Date & Time Sampled:		10/15/20 @	10:00
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	**0.0040**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 **B-2-N5@0.5'**					Date & Time Sampled:		10/15/20 @	10:00
Sample Matrix: **Soil**								
.....continued								
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0033**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	113		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	94		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 005 **B-1-S10@0.5'**					Date & Time Sampled:		10/15/20 @	10:08
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	**0.013**		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	**0.0034**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0071**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 **B-1-S10@0.5'**					Date & Time Sampled:		10/15/20 @	10:08
Sample Matrix: **Soil**								
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	97		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	88		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 006 **B-2-W5@0.5'**					Date & Time Sampled:		10/15/20 @	10:17
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Chlordane	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDE	**0.021**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Dieldrin	**0.017**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 **B-2-W5@0.5'**					Date & Time Sampled:		10/15/20 @	10:17
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor Epoxide	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	142		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	118		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 007 **B-3-N5@0.5'**					Date & Time Sampled:		10/15/20 @	10:30
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**23.8**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0023**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 **B-3-N5@0.5'**					Date & Time Sampled:		10/15/20 @	10:30
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	104		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	92		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 008 **B-3-N5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	10:31
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**13.7**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0021**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 008 **B-3-N5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	10:31
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	101		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	93		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 009 **B-3-S5@0.5'**					Date & Time Sampled:		10/15/20 @	10:38
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**47.5**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Chlordane	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDE	**0.020**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Dieldrin	**0.022**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR

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Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 **B-3-S5@0.5'**					Date & Time Sampled:		10/15/20 @	10:38
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor Epoxide	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	110		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	94		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 010 **B-3-E5@0.5'**					Date & Time Sampled:		10/15/20 @	10:50
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**75.7**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Chlordane	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDE	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Dieldrin	**0.019**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR

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CERTIFICATE OF ANALYSIS

2010-00128

PLACEWORKS
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 010 **B-3-E5@0.5'**					Date & Time Sampled:		10/15/20 @	10:50
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor Epoxide	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	149		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	120		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 011 **B-3-W5@0.5'**					Date & Time Sampled:		10/15/20 @	11:00
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**27.3**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Chlordane	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDE	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Dieldrin	**0.011**		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR

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Date Reported	10/21/20
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Invoice No.	90016
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Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 011 **B-3-W5@0.5'**					Date & Time Sampled:		10/15/20 @	11:00
Sample Matrix: **Soil**								
.....continued								
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Heptachlor Epoxide	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/16/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/16/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	129		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	114		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 012 **B-2-E5@0.5'**					Date & Time Sampled:		10/15/20 @	11:08
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
alpha-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
beta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
delta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
gamma-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Chlordane	**0.033**		mg/Kg	EPA 8081A	2.0	0.020	10/16/20	SR
4,4'-DDD	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
4,4'-DDE	**0.0043**		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
4,4'-DDT	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Dieldrin	**0.021**		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Endosulfan I	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Endosulfan II	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Endosulfan Sulfate	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Endrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Endrin Aldehyde	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Endrin ketone	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Heptachlor	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR

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CERTIFICATE OF ANALYSIS

2010-00128

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SUITE B
ONTARIO, CA 91764

Date Reported	10/21/20
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Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 012 **B-2-E5@0.5'**					Date & Time Sampled:		10/15/20 @	11:08
Sample Matrix: **Soil**								
.....continued								
Heptachlor Epoxide	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/16/20	SR
Methoxychlor	<0.020		mg/Kg	EPA 8081A	2.0	0.020	10/16/20	SR
Toxaphene	<0.10		mg/Kg	EPA 8081A	2.0	0.10	10/16/20	SR
[Surrogates]								
Tetrachloro-m-xylene	108		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	91		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 013 **B-2-S5@0.5'**					Date & Time Sampled:		10/15/20 @	11:18
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	**0.011**		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	**0.0032**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0050**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR

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Date Reported	10/21/20
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Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 013 **B-2-S5@0.5'**					Date & Time Sampled:		10/15/20 @	11:18
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	106		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	89		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 014 **B-4-N5@0.5'**					Date & Time Sampled:		10/15/20 @	11:29
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**63.0**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/16/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDE	**0.0030**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Dieldrin	**0.0087**		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/16/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/16/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/16/20	SR

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Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 014 **B-4-N5@0.5'**					Date & Time Sampled:		10/15/20 @	11:29
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	100		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Decachlorobiphenyl	88		%REC	EPA 8081A/8082		50-150	10/16/20	SR
Sample: 015 **B-4-N5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	11:30
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**53.1**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.0030**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.0024**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR

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Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 **B-4-N5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	11:30
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	105		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	97		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 016 **B-4-W5@0.5'**					Date & Time Sampled:		10/15/20 @	11:41
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**53.0**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.033**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.016**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.010**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR

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2010-00128

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2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 016 **B-4-W5@0.5'**					Date & Time Sampled:		10/15/20 @	11:41
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	111		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 017 **B-4-S5@0.5'**					Date & Time Sampled:		10/15/20 @	11:53
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**4.82**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR

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ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 **B-4-S5@0.5'**					Date & Time Sampled:		10/15/20 @	11:53
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 018 **B-4-E5@0.5'**					Date & Time Sampled:		10/15/20 @	12:03
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**79.8**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.0081**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.0024**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 018 **B-4-E5@0.5'**					Date & Time Sampled:		10/15/20 @	12:03
Sample Matrix: **Soil**								
.....continued								
[Surrogates]								
Tetrachloro-m-xylene	107		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	100		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 019 **B-24-N5@0.5'**					Date & Time Sampled:		10/15/20 @	13:12
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**434**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 020 **B-24-S5@0.5'**					Date & Time Sampled:		10/15/20 @	13:19
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**18.8**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 021 **B-24-E5@0.5'**					Date & Time Sampled:		10/15/20 @	13:28
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**380**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 022 **B-24-E10@0.5'**					Date & Time Sampled:		10/15/20 @	13:40
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**25.4**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 023 **B-23-S5@0.5'**					Date & Time Sampled:		10/15/20 @	13:50
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 023 **B-23-S5@0.5'**					Date & Time Sampled:		10/15/20 @	13:50
Sample Matrix: **Soil**								
.....continued								
Lead	**67.6**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.094**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.074**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.080**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	**0.0096**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	105		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	92		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 024 **B-23-E5@0.5'**					Date & Time Sampled:		10/15/20 @	14:01
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 024 **B-23-E5@0.5'**					Date & Time Sampled:		10/15/20 @	14:01
Sample Matrix: **Soil**								
.....continued								
Lead	**89.3**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Chlordane	**0.15**		mg/Kg	EPA 8081A	5.0	0.050	10/19/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
4,4'-DDE	**0.025**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Dieldrin	**0.11**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Heptachlor Epoxide	**0.017**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/19/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	150		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	131		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 025 **B-23-W5@0.5'**					Date & Time Sampled:		10/15/20 @	14:11
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 025 **B-23-W5@0.5'**					Date & Time Sampled:		10/15/20 @	14:11
Sample Matrix: **Soil**								
.....continued								
Lead	**220**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.35**		mg/Kg	EPA 8081A	5.0	0.050	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.11**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.11**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	**0.021**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	107		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	95		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 026 **B-23-W5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	14:12
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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2010-00128

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SUITE B
ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 026 **B-23-W5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	14:12
Sample Matrix: **Soil**								
.....continued								
Lead	**168**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.096**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.055**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.047**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	**0.0079**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	110		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	97		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 027 **B-23-N5@0.5'**					Date & Time Sampled:		10/15/20 @	14:23
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 027 **B-23-N5@0.5'**					Date & Time Sampled:		10/15/20 @	14:23
Sample Matrix: **Soil**								
.....continued								
Lead	**44.4**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.051**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.020**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.036**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	**0.0068**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	98		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 028 **B-23-N5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	14:24
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 028 **B-23-N5DUP@0.5'**					Date & Time Sampled:		10/15/20 @	14:24
Sample Matrix: **Soil**								
.....continued								
Lead	**263**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.059**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.10**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.050**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	**0.0040**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	117		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	93		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 029 **B-21-S5@0.5'**					Date & Time Sampled:		10/15/20 @	14:40
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 029 **B-21-S5@0.5'**					Date & Time Sampled:		10/15/20 @	14:40
Sample Matrix: **Soil**								
.....continued								
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.11**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.030**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.025**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	**0.0050**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	103		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 030 **B-21-W5@0.5'**					Date & Time Sampled:		10/15/20 @	14:51
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
alpha-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
beta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR

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Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 030 **B-21-W5@0.5'**					Date & Time Sampled:		10/15/20 @	14:51
Sample Matrix: **Soil**								
.....continued								
delta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
gamma-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Chlordane	**0.16**		mg/Kg	EPA 8081A	2.0	0.020	10/19/20	SR
4,4'-DDD	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
4,4'-DDE	**0.021**		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
4,4'-DDT	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Dieldrin	**0.035**		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Endosulfan I	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Endosulfan II	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Endosulfan Sulfate	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Endrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Endrin Aldehyde	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Endrin ketone	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Heptachlor	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Heptachlor Epoxide	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/19/20	SR
Methoxychlor	<0.020		mg/Kg	EPA 8081A	2.0	0.020	10/19/20	SR
Toxaphene	<0.10		mg/Kg	EPA 8081A	2.0	0.10	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	116		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	92		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 031 **B-21-E5@0.5'**					Date & Time Sampled:		10/15/20 @	15:07
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.024**		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR

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2010-00128

PLACEWORKS
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SUITE B
ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 031 **B-21-E5@0.5'**					Date & Time Sampled:		10/15/20 @	15:07
Sample Matrix: **Soil**								
.....continued								
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.025**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.019**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	123		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	105		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 032 **B-21-N5@0.5'**					Date & Time Sampled:		10/15/20 @	15:18
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 032 **B-21-N5@0.5'**					Date & Time Sampled:		10/15/20 @	15:18
Sample Matrix: **Soil**								
.....continued								
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	113		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	117		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 033 **B-20-S5@0.5'**					Date & Time Sampled:		10/15/20 @	15:33
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.0053**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.0051**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR

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2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 033 **B-20-S5@0.5'**					Date & Time Sampled:		10/15/20 @	15:33
Sample Matrix: **Soil**								
.....continued								
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	123		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	104		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 034 **B-20-E5@0.5'**					Date & Time Sampled:		10/15/20 @	15:46
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
alpha-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
beta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
delta-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
gamma-BHC	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Chlordane	**0.060**		mg/Kg	EPA 8081A	5.0	0.050	10/19/20	SR
4,4'-DDD	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
4,4'-DDE	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
4,4'-DDT	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Dieldrin	**0.015**		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan I	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan II	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endosulfan Sulfate	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endrin	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Endrin Aldehyde	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR

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CERTIFICATE OF ANALYSIS

2010-00128

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Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 034 **B-20-E5@0.5'**					Date & Time Sampled:		10/15/20 @	15:46
Sample Matrix: **Soil**								
.....continued								
Endrin ketone	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Heptachlor	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Heptachlor Epoxide	<0.010		mg/Kg	EPA 8081A	5.0	0.010	10/19/20	SR
Methoxychlor	<0.050		mg/Kg	EPA 8081A	5.0	0.050	10/19/20	SR
Toxaphene	<0.25		mg/Kg	EPA 8081A	5.0	0.25	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	125		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	122		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 035 **B-20-N5@0.5'**					Date & Time Sampled:		10/15/20 @	15:56
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.0024**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR

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Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 035 **B-20-N5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	15:56
.....continued								
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	120		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	101		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 036 **B-20-W5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	16:09
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	**0.24**		mg/Kg	EPA 8081A	5.0	0.050	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	**0.045**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.015**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								

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Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 036 **B-20-W5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	16:09
.....continued								
Tetrachloro-m-xylene	131		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	105		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 037 **B-37-S5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	16:25
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**1.90**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 038 **B-37-E5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	16:35
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**3.40**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 039 **B-37-W5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	16:45
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**17.7**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 040 **B-37-N5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	16:50
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**179**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 041 **EB101520** Sample Matrix: **Aqueous**					Date & Time Sampled:		10/15/20 @	17:10
[Metals]								
Metals Acid Digestion	Complete			EPA 3010A	1.0		10/19/20	TLB
Lead	<0.0200		mg/L	EPA 6010B	1.0	0.0200	10/19/20	TLB

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FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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CERTIFICATE OF ANALYSIS

2010-00128

PLACEWORKS
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/15/20
Invoice No.	90016
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 041 **EB101520**					Date & Time Sampled:		10/15/20 @	17:10
Sample Matrix: **Aqueous**								
.....continued								
[Pesticides]								
Sep Funnel LLE	Complete			EPA 3510C	1.0		10/20/20	SR
Aldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
alpha-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
beta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
delta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
gamma-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Chlordane	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
4,4'-DDD	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
4,4'-DDE	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
4,4'-DDT	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Dieldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endosulfan I	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endosulfan II	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endosulfan Sulfate	<0.10		µg/L	EPA 8081A	1.0	0.10	10/20/20	SR
Endrin	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endrin Aldehyde	<0.10		µg/L	EPA 8081A	1.0	0.10	10/20/20	SR
Endrin Ketone	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
Heptachlor	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Heptachlor Epoxide	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Methoxychlor	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
Toxaphene	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	114		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	110		%REC	EPA 8081A/8082		50-150	10/20/20	SR

Respectfully Submitted: Ken Zheng

Ken Zheng - Lab Director

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FDA#	2030513
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QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

As regulatory limits change frequently, A & R Laboratories advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

2010-00128

PLACEWORKS
ONTARIO, CA 91764

Date Reported	**10/21/2020**
Date Received	**10/15/2020**
Date Sampled	**10/15/2020**
Invoice No.	**90016**
Customer #	**P135**
Customer P.O.	**BSS-15.0**

Project: RISE KOHYANG MS, LOS ANGELES

Method # EPA 6010B

QC Reference # 92191 **Date Analyzed:** 10/19/2020 **Technician:** TLB

Samples 007 008 009 010 011 014 015 016 017 018 019 020 021 022 023 024 025 026 027 028

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	104	104	0.0	73	74	0.6

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

QC Reference # 92192 **Date Analyzed:** 10/19/2020 **Technician:** TLB

Samples 037 038 039 040

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	103	103	0.6	81	81	0.0

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

QC Reference # 92203 **Date Analyzed:** 10/19/2020 **Technician:** TLB

Samples 041

Results

	LCS %REC	LCS %DUP	LCS %RPD
Lead	98	98	0.4

Control Ranges

LCS %REC	LCS %RPD
75 - 125	0 - 20

Method # EPA 8081A

QC Reference # 92183 **Date Analyzed:** 10/16/2020 **Technician:** SR

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014

Results

	LCS %REC	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
4,4'-DDT	99	106	114	8
Aldrin	102	92	115	23
Dieldrin	97	92	103	11
Endrin	102	93	107	14
gamma-BHC	109	90	108	18
Heptachlor	96	98	115	17

Control Ranges

LCS %REC	SPIKE %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

QC Reference # 92223 **Date Analyzed:** 10/19/2020 **Technician:** SR

Samples 015 016 017 018 023 024 025 026 027 028 029 030 031 032 033 034 035 036

Results

	LCS %REC	LCS %DUP	LCS %RPD
4,4'-DDT	83	82	1
Aldrin	91	94	3
Dieldrin	90	89	1
Endrin	78	76	2
gamma-BHC	80	83	3
Heptachlor	88	92	4

Control Ranges

LCS %REC	LCS %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

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QUALITY CONTROL DATA REPORT

2010-00128

PLACEWORKS

Date Reported	**10/21/2020**
Date Received	**10/15/2020**
Date Sampled	**10/15/2020**

Project: RISE KOHYANG MS, LOS ANGELES

Method # EPA 8081A

QC Reference # 92227 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 041

Results	LCS %REC	LCS %DUP	LCS %RPD	Control Ranges LCS %REC	Control Ranges LCS %RPD
4,4'-DDT	110	99	11	50 - 130	0 - 30
Aldrin	101	115	14	50 - 140	0 - 30
Dieldrin	98	105	7	70 - 130	0 - 30
Endrin	76	81	5	70 - 150	0 - 30
gamma-BHC	85	89	4	50 - 150	0 - 30
Heptachlor	92	82	10	50 - 150	0 - 30

Method # EPA 8081A/8082

QC Reference # 92183 **Date Analyzed:** 10/16/2020 **Technician:** SR

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014

No QC recoveries reported.

QC Reference # 92223 **Date Analyzed:** 10/19/2020 **Technician:** SR

Samples 015 016 017 018 023 024 025 026 027 028 029 030 031 032 033 034 035 036

No QC recoveries reported.

QC Reference # 92227 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 041

No QC recoveries reported.

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE #B ONTARIO CA 91764
Report Attention: Denise
Phone #: 909 989 4449
Fax: #
Sampled By: M. Watson
Project No./ Name: BSS-15.0
Project Site: RISE KOHYANG MS LOS ANGELES

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID (MW)	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Color Lead					HOLD	Remarks
1 (MW)	B-1-W5@0.5'	10/15/20	0933	Soil	ice	1 acetate sleeve					X											
(MW)	B-1-W5@1.5'	↓	0934	↓	↓	↓															X	
(MW)	B-1-W5@2.5'	↓	0935	↓	↓	↓															X	
2	B-1-S5@0.5'	↓	0941	↓	↓	↓					X											
	B-1-S5@1.5'	↓	0942	↓	↓	↓															X	
	B-1-S5@2.5'	↓	0943	↓	↓	↓															X	
3	B-1-E5@0.5'	↓	0951	↓	↓	↓					X											
(MW)	B-1-E5@1.5'	↓	0952	↓	↓	↓															X	
	B-1-E5@2.5'	↓	0953	↓	↓	↓															X	
4	B-2-N5@0.5'	↓	1000	↓	↓	↓					X											
	B-2-N5@1.5'	↓	1001	↓	↓	↓															X	
	B-2-N5@2.5'	↓	1002	↓	↓	↓															X	
5	B-1-S10@0.5'	↓	1008	↓	↓	↓					X											
	B-1-S10@1.5'	↓	1009	↓	↓	↓															X	
	B-1-S10@2.5'	↓	1010	↓	↓	↓															X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name: PLACEWORKS
E-mail: See page 1
Address:
Report Attention: Phone #: Fax: #: Sampled By:
☒ Chilled ☒ Intact ☐ Seal

Project No./ Name: BSS-15.0
Project Site: RISE KOHYANG MS LOS ANGELES

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Gold Lead					HOD	Remarks
6	B-2-W5@0.5'	10/15/20	1017	Soil	ice	1 acetate sleeve					X					X						
	B-2-W5@1.5'		1018																		X	
	B-2-W5@2.5'		1019																		X	
7	B-3-N5@0.5'		1030								X					X						
8	B-3-N5DUP@0.5'		1031								X					X						
	B-3-N5@1.5'		1032																		X	
	B-3-N5@2.5'		1033																		X	
9	B-3-S5@0.5'		1038								X					X						
	B-3-S5@1.5'		1039																		X	
	B-3-S5@2.5'		1040																		X	
10	B-3-E5@0.5'		1050								X					X						
	B-3-E5@1.5'		1051																		X	
	B-3-E5@2.5'		1052																		X	
11	B-3-W5@0.5'		1100								X					X						
	B-3-W5@1.5'		1101																		X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name: PLACEWORKS
E-mail:
Address:
Report Attention: See page 1
Phone #: Fax: #:
Sampled By:
Project No./ Name: BSS-15.0
Project Site: RISE KOHYANG MS LOS ANGELES

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					HOLD	Remarks
	B-3-W5@2.5'	10/15/20	1102	Soil	ice	1 acetate sleeve															X	
12	B-2-E5@0.5'		1108								X											
	B-2-E5@1.5'		1109																		X	
	B-2-E5@2.5'		1110																		X	
13	B-2-S5@0.5'		1118								X											
	B-2-S5@1.5'		1119																		X	
	B-2-S5@2.5'		1120																		X	
14	B-4-N5@0.5'		1129								X					X						
15	B-4-N5DUP@0.5'		1130								X					X						
	B-4-N5@1.5'		1131																		X	
	B-4-N5@2.5'		1132																		X	
16	B-4-W5@0.5'		1141								X					X						
	B-4-W5@1.5'		1142																		X	
	B-4-W5@2.5'		1143																		X	
17	B-4-S5@0.5'		1153								X					X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PlaceWorks	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name: PLACEWORKS
E-mail:
Address:
Report Attention: | Phone #: | Fax: | Sampled By:
Project No./ Name: BSS-15.0
Project Site: RISE KOHYANG MS LOS ANGELES

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead				Hold	Remarks
	B-4-S5@1.5'	10/15/20	1154	Soil	ice	1 acetate sleeve														X	
	B-4-S5@2.5'		1155																	X	
18	B-4-E5@0.5'		1203								X					X					
	B-4-E5@1.5'		1204																	X	
	B-4-E5@2.5'		1205																	X	
19	B-24-N5@0.5'		1312													X					
	B-24-N5@1.5'		1313																	X	
	B-24-N5@2.5'		1314																	X	
20	B-24-S5@0.5'		1319													X					
	B-24-S5@1.5'		1320																	X	
	B-24-S5@2.5'		1321																	X	
21	B-24-E5@0.5'		1328													X					
(MW)	B-24-E5@1.5'		1329																	X	
	B-24-E5@2.5'		1330																	X	
22	B-24-E10@0.5'		1340													X					

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	A&R	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

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Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name
E-mail
Address
Report Attention | Phone # Fax: # | Sampled By
Project No./ Name | Project Site

See page

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					HOLD	Remarks
	B-24-E10@1.5'	10/15/20	1341	Soil	ice	Lacetate sleeve															X	
	B-24-E10@2.5'		1342																		X	
23	B-23-S5@0.5'		1350								X					X						
	B-23-S5@1.5'		1351																		X	
	B-23-S5@2.5'		1352																		X	
24	B-23-E5@0.5'		1401								X					X						
	B-23-E5@1.5'		1402																		X	
	B-23-E5@2.5'		1403																		X	
25	B-23-W5@0.5'		1411								X					X						
26	B-23-W5DUP@0.5'		1412								X					X						
	B-23-W5@1.5'		1413																		X	
	B-23-W5@2.5'		1414																		X	
27	B-23-N5@0.5'		1423								X					X						
28	B-23-N5DUP@0.5'		1424								X					X						
	B-23-N5@1.5'		1425																		X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORK	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

A & R Laboratories
1650 S. Grove Ave., Ste C, Ontario, CA 91761
Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name
E-mail
Address
Report Attention | Phone # / Fax: # | Sampled By
Project No./ Name | Project Site

See page

☒ Chilled
☒ Intact
☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Color Lead				Hold	Remarks
	B-23-N5@2.5'	10/15/20	1426	Soil	ice	1 acetate sleeve														X	
29	B-21-S5@0.5'		1440								X										
	B-21-S5@1.5'		1441																	X	
	B-21-S5@2.5'		1442																	X	
30	B-21-W5@0.5'		1451								X										
	B-21-W5@1.5'		1452																	X	
	B-21-W5@2.5'		1453																	X	
31	B-21-E5@0.5'		1507								X										
	B-21-E5@1.5'		1508																	X	
	B-21-E5@2.5'		1509																	X	
32	B-21-N5@0.5'		1518								X										
	B-21-N5@1.5'		1519																	X	
	B-21-N5@2.5'		1520																	X	
33	B-20-S5@0.5'		1533								X										
	B-20-S5@1.5'		1534																	X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible]	[illegible]	10/15/20	1935	[illegible]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name: See Page 1
E-mail:
Address:
Report Attention: Phone #: Fax: #: Sampled By:
Project No./ Name: Project Site:

☒ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6908 lead					Hold	Remarks
	B-20-55@2.5'	10/15/20	1535	Soil	ice	1 acetate sleeve															X	
34	B-20-E5@0.5'		1546								X											
	B-20-E5@1.5'		1547																		X	
	B-20-E5@2.5'		1548																		X	
35	B-20-N5@0.5'		1556								X											
	B-20-N5@1.5'		1557																		X	
	B-20-N5@2.5'		1558																		X	
36	B-20-W5@0.5'		1609								X											
	B-20-W5@1.5'		160																		X	
	B-20-W5@2.5'		1611																		X	
37	B-37-55@0.5'		1625													X						
	B-37-55@1.5'		1626																		X	
	B-37-55@2.5'		1627																		X	
38	B-37-E5@0.5'		1635													X						
	B-37-E5@2.5'		1636																		X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible]	A&R	10/15/20	1935	[illegible]	A+R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-128

Client Name
E-mail
Address
Report Attention | Phone # / Fax: # | Sampled By
Project No./ Name | Project Site

See page 1

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					Hold	Remarks
	B-37-E5@2.5'	10/15/20	1637	Soil	ice	1 acetate sleeve															X	
39	B-37-W5@0.5'		1645													X						
	B-37-W5@1.5'		1646 (MW)																		X	
	B-37-W5@2.5'		1647																		X	
40	B-37-N5@0.5'		1650													X						
	B-37-N5@1.5'		1651																		X	
	B-37-N5@2.5'		1652																		X	
41	EB10/15/20		1710	aqueous	ice / HNO3	1 amber 1 plastic					X					X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible]	[illegible]	10/15/20	1935	[illegible]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

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* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

Sample Acceptance Checklist

CLIENT: Placeworks WORK ORDER NUMBER: 2010-00128

Temperature:(Criteria:0.0°C-6.0°C)

Sample Temp.(w/CF) °C(w/CF) 4.9°C

☐ Sample(s) outside temprature criteria: PM contacted by :

☐ Sample(s) outside temprature criteria, but received on ice/chilled on same day of sampling.

☐ Sample(s) received at ambient temprature; placed on ice for transport by courier.

Ambient Temprature ☐ Air ☐ Filter

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present and Not Intact	✓ Not Present
Sample(s)	☐ Present and Intact	☐ Present and Not Intact	✓ Not Present

Sample Condition:	Yes	No	N/A
Was a COC received	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relingquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were all samples sealed in plastic bags?	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of samples sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?	✓		

Explanations/Comments:

Notification:

For discrepancies, how was the Project Manager notified? Verbal

Verbal: PM Initials: _____ Data/Time: _____

Email: Send to: _____ Data/Time: _____

Project Manager's response:

Completed By: [signature] Date: 10-15-20

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FDA#	2030513
LA City#	10261
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	2790
	2122

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng — Ken Zheng, President 10/21/2020 15:59:59
Laboratory Job No. (Certificate of Analysis No.)	2010-00138
Project Name / No.	RISE KOHYANG MS, LOS ANGELES BSS-15.0
Dates Sampled (from/to)	10/16/20 To 10/16/20
Dates Received (from/to)	10/16/20 To 10/16/20
Dates Reported (from/to)	10/21/20 To 10/21/2020
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
B-26-W5@0.5'	Dieldrin	**0.0029**		mg/Kg	0.0020	B-26-S5@0.5'	Dieldrin	**0.0022**		mg/Kg	0.0020
B-27-E5@0.5'	Dieldrin	**0.0025**		mg/Kg	0.0020						

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CERTIFICATE OF ANALYSIS

2010-00138

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **B-26-W5@0.5'**					Date & Time Sampled:		10/16/20 @	9:32
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.0029**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	121		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	106		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 002 **B-26-S5@0.5'**					Date & Time Sampled:		10/16/20 @	9:50
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/19/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR

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CERTIFICATE OF ANALYSIS

2010-00138

PLACEWORKS
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2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: RISE KOHYANG MS, LOS ANGELES

Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 002 **B-26-S5@0.5'**					Date & Time Sampled:		10/16/20 @	9:50
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Dieldrin	**0.0022**		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/19/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/19/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/19/20	SR
[Surrogates]								
Tetrachloro-m-xylene	112		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	10/19/20	SR
Sample: 003 **B-27-W5@0.5'**					Date & Time Sampled:		10/16/20 @	9:59
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**20.7**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/20/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR

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Project: RISE KOHYANG MS, LOS ANGELES

Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 **B-27-W5@0.5'**					Date & Time Sampled:		10/16/20 @	9:59
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	111		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	107		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Sample: 004 **B-27-W5DUP@0.5'**					Date & Time Sampled:		10/16/20 @	10:00
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**9.32**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/20/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR

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2010-00138

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Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 **B-27-W5DUP@0.5'**					Date & Time Sampled:		10/16/20 @	10:00
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	104		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	94		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Sample: 005 **B-27-E5@0.5'**					Date & Time Sampled:		10/16/20 @	10:11
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**31.7**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/20/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR

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2010-00138

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Project: RISE KOHYANG MS, LOS ANGELES

Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 **B-27-E5@0.5'**					Date & Time Sampled:		10/16/20 @	10:11
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Dieldrin	**0.0025**		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	103		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	94		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Sample: 006 **B-27-E5DUP@0.5'**					Date & Time Sampled:		10/16/20 @	10:12
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**4.14**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/20/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR

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2010-00138

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ONTARIO, CA 91764

Project: RISE KOHYANG MS, LOS ANGELES

Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 006 **B-27-E5DUP@0.5'**					Date & Time Sampled:		10/16/20 @	10:12
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	118		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	93		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Sample: 007 **B-27-S5@0.5'**					Date & Time Sampled:		10/16/20 @	10:30
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**3.44**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/20/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR

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Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 **B-27-S5@0.5'**					Date & Time Sampled:		10/16/20 @	10:30
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/20/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/20/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	133		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	123		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Sample: 008 **B-41-E5@0.5'**					Date & Time Sampled:		10/16/20 @	10:57
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**50.9**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 009 **B-41-N5@0.5'**					Date & Time Sampled:		10/16/20 @	11:06
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB

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Project: RISE KOHYANG MS, LOS ANGELES

Date Reported	10/21/20
Date Received	10/16/20
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Cust #	P135
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Customer P.O.	BSS-15.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 **B-41-N5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/16/20 @	11:06
.....continued								
Lead	**7.30**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 010 **B-42-N5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/16/20 @	11:23
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**68.4**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 011 **B-42-E5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/16/20 @	11:29
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**14.9**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 012 **B-41-S5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/16/20 @	11:38
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**79.2**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 013 **B-42-S5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/16/20 @	11:50
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**69.9**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 014 **B-44-W5@0.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/16/20 @	11:59
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**148**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB

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PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Project: RISE KOHYANG MS, LOS ANGELES

Date Reported	10/21/20
Date Received	10/16/20
Invoice No.	90017
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 015 **B-44-N5@0.5'**					Date & Time Sampled:		10/16/20 @	12:07
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**73.8**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 016 **B-44-E5@0.5'**					Date & Time Sampled:		10/16/20 @	12:15
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/19/20	TLB
Lead	**307**		mg/Kg	EPA 6010B	1.0	0.500	10/19/20	TLB
Sample: 017 **EB101620**					Date & Time Sampled:		10/16/20 @	12:45
Sample Matrix: **Aqueous**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3010A	1.0		10/19/20	TLB
Lead	<0.0200		mg/L	EPA 6010B	1.0	0.0200	10/19/20	TLB
[Pesticides]								
Sep Funnel LLE	Complete			EPA 3510C	1.0		10/20/20	SR
Aldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
alpha-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
beta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
delta-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
gamma-BHC	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Chlordane	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
4,4'-DDD	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
4,4'-DDE	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
4,4'-DDT	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Dieldrin	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endosulfan I	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endosulfan II	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endosulfan Sulfate	<0.10		µg/L	EPA 8081A	1.0	0.10	10/20/20	SR
Endrin	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Endrin Aldehyde	<0.10		µg/L	EPA 8081A	1.0	0.10	10/20/20	SR
Endrin Ketone	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR

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A & R Laboratories, Inc.

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www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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CERTIFICATE OF ANALYSIS

2010-00138

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
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Date Reported	10/21/20
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Invoice No.	90017
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Customer P.O.	BSS-15.0

Project: RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 017 **EB101620**					Date & Time Sampled:		10/16/20 @	12:45
Sample Matrix: **Aqueous**								
.....continued								
Heptachlor	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Heptachlor Epoxide	<0.050		µg/L	EPA 8081A	1.0	0.050	10/20/20	SR
Methoxychlor	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
Toxaphene	<0.50		µg/L	EPA 8081A	1.0	0.50	10/20/20	SR
[Surrogates]								
Tetrachloro-m-xylene	142		%REC	EPA 8081A/8082		50-150	10/20/20	SR
Decachlorobiphenyl	117		%REC	EPA 8081A/8082		50-150	10/20/20	SR

Respectfully Submitted: Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

As regulatory limits change frequently, A & R Laboratories advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

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QUALITY CONTROL DATA REPORT

2010-00138

PLACEWORKS
ONTARIO, CA 91764

Date Reported	**10/21/2020**
Date Received	**10/16/2020**
Date Sampled	**10/16/2020**
Invoice No.	**90017**
Customer #	**P135**
Customer P.O.	**BSS-15.0**

Project: RISE KOHYANG MS, LOS ANGELES

Method # EPA 6010B

QC Reference # 92192 **Date Analyzed:** 10/19/2020 **Technician:** TLB

Samples 003 004 005 006 007 008 009 010 011 012 013 014 015 016

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	103	103	0.6	81	81	0.0

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

QC Reference # 92203 **Date Analyzed:** 10/19/2020 **Technician:** TLB

Samples 017

Results

	LCS %REC	LCS %DUP	LCS %RPD
Lead	98	98	0.4

Control Ranges

LCS %REC	LCS %RPD
75 - 125	0 - 20

Method # EPA 8081A

QC Reference # 92223 **Date Analyzed:** 10/19/2020 **Technician:** SR

Samples 001 002

Results

	LCS %REC	LCS %DUP	LCS %RPD
4,4'-DDT	83	82	1
Aldrin	91	94	3
Dieldrin	90	89	1
Endrin	78	76	2
gamma-BHC	80	83	3
Heptachlor	88	92	4

Control Ranges

LCS %REC	LCS %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

QC Reference # 92225 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 003 004 005 006 007

Results

	LCS %REC	LCS %DUP	LCS %RPD
4,4'-DDT	94	90	4
Aldrin	105	99	6
Dieldrin	102	98	4
Endrin	86	83	3
gamma-BHC	90	106	16
Heptachlor	82	93	11

Control Ranges

LCS %REC	LCS %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

QC Reference # 92227 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 017

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QUALITY CONTROL DATA REPORT

2010-00138

PLACEWORKS

Date Reported	**10/21/2020**
Date Received	**10/16/2020**
Date Sampled	**10/16/2020**

Project: RISE KOHYANG MS, LOS ANGELES

Method # EPA 8081A

QC Reference # 92227 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 017

Results	LCS %REC	LCS %DUP	LCS %RPD	Control Ranges LCS %REC	Control Ranges LCS %RPD
4,4'-DDT	110	99	11	50 - 130	0 - 30
Aldrin	101	115	14	50 - 140	0 - 30
Dieldrin	98	105	7	70 - 130	0 - 30
Endrin	76	81	5	70 - 150	0 - 30
gamma-BHC	85	89	4	50 - 150	0 - 30
Heptachlor	92	82	10	50 - 150	0 - 30

Method # EPA 8081A/8082

QC Reference # 92223 **Date Analyzed:** 10/19/2020 **Technician:** SR

Samples 001 002

No QC recoveries reported.

QC Reference # 92225 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 003 004 005 006 007

No QC recoveries reported.

QC Reference # 92227 **Date Analyzed:** 10/20/2020 **Technician:** SR

Samples 017

No QC recoveries reported.

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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CHAIN OF CUSTODY

A & R Work Order #: 2010-138

Client Name: PLACEWORKS
E-mail: DCLEMENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE #B ONTARIO CA 91764
Report Attention: Denise
Phone #: 909 984 4119
Fax: #
Sampled By: M. Watson
Project No./ Name: 655-15.0
Project Site: RISE KOHYANG MS LOS ANGELES, CA

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					Hold	Remarks
1	B-26-W5@0.5'	10/16/20	0932	Soil	Ice	1 acetate sleeve					X											
	B-26-W5@1.5'		0933																		X	
	B-26-W5@2.5'		0934																		X	
	B-26-W10@0.5'		0942																		X	
	B-26-W10@1.5'		0943	MW																	X	
	B-26-W10@2.5'		0944																		X	
2	B-26-S5@0.5'		0950								X											
	B-26-S5@1.5'		0951																		X	
	B-26-S5@2.5'		0952																		X	
3	B-27-W5@0.5'		0959								X					X						
4	B-27-W5DUP@0.5'		1000								X					X						
	B-27-W5@1.5'		1001																		X	
	B-27-W5@2.5'		1002																		X	
5	B-27-E5@0.5'		1011								X					X						
6	B-27-E5DUP@0.5'		1012								X					X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORKS	10/16/20	1505	[signature]	A&R	10/16/20	1505
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

A & R Laboratories
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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-138

Client Name
E-mail
Address
Report Attention | Phone # / Fax: # | Sampled By
Project No./ Name | Project Site

See page 1

☒ Chilled
☒ Intact
☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					Remarks
	B-27-E5@.5'	10/16/20	1013	soil	ice	1 acetate sleeve														X	
	B-27-E5@2.5'		1014																	X	
	B-27-E10@0.5'		1019																	X	
	B-27-E10@1.5'		1020																	X	
	B-27-E10@2.5'		1021																	X	
7	B-27-S5@0.5'		1030								X					X					
	B-27-S5@1.5'		1031																	X	
	B-27-S5@2.5'		1032																	X	
	B-27-S10@0.5'		1040																	X	
	B-27-S10@1.5'		1041																	X	
	B-27-S10@2.5'		1042																	X	
	B-41-E10@0.5'		1051																	X	
	B-41-E10@1.5'		1052																	X	
	B-41-E10@2.5'		1053																	X	
8	B-41-E5@0.5'		1057													X					

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible]	[illegible]	10/16/20	1505	[illegible]	A&R	10/16/20	1505
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

A & R Laboratories
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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-138

Client Name:
E-mail:
Address:
Report Attention: Phone #: Fax: #: Sampled By:
Project No./ Name: Project Site:

☒ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					Hold	Remarks
	B-41-E5@1.5'	10/16/20	1058	Soil	ice	1 acetate sleeve															X	
	B-41-E5@2.5'		1059																		X	
9	B-41-N5@0.5'		1106													X						
	B-41-N5@1.5'		1107																		X	
	B-41-N5@2.5'		1108																		X	
MN	B-42-N10@0.5'		1113																		X	
	B-42-N10@1.5'		1114																		X	
	B-42-N10@2.5'		1115																		X	
10	B-42-N5@0.5'		1123													X						
	B-42-N5@1.5'		1124																		X	
	B-42-N5@2.5'		1125																		X	
11	B-42-E5@0.5'		1129													X						
	B-42-E5@1.5'		1130																		X	
	B-42-E5@2.5'		1131																		X	
12	B-41-S5@0.5'		1138													X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	A&R Labs	10/16/20	1505	[signature]	A&R	10/16/20	1505
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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CHAIN OF CUSTODY

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Client Name
E-mail
Address
Report Attention | Phone # / Fax: # | Sampled By
Project No./ Name | Project Site

☒ Chilled
☒ Intact
☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Gold Lead					Hold	Remarks
	B-41-S5@1.5'	10/16/20	1039	(MW) So:1	ice	1 acetate sleeve															X	
	B-41-S5@2.5		1040	(MW)																	X	
13	B-42-S5@0.5'		1150													X						
(MW)	B-42-S5@1.5'		1151																		X	
	B-42-S5@2.5'		1152																		X	
14	B-44-W5@0.5'		1159													X						
	B-44-W5@1.5'		1200																		X	
	B-44-W5@2.5'		1201																		X	
15	B-44-N5@0.5'		1207													X						
	B-44-N5@1.5'		1208																		X	
	B-44-N5@2.5'		1209																		X	
16	B-44-E5@0.5'		1215													X						
	B-44-E5@1.5'		1216																		X	
	B-44-E5@2.5'		1217																		X	
	B-44-E10@0.5'		1222																		X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	BLK Works	10/16/20	1505	[signature]	A&R	10/16/20	1505
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

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Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

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A & R Work Order #: 2010-138

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E-mail
Address
Report Attention | Phone # / Fax: # | Sampled By
Project No./ Name | Project Site

☒ Chilled
☒ Intact
☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					HOLD	Remarks
	B-44-E10@1.5'	10/16/20	1223	soil	ice	1 acetate sleeve															X	
	B-44-E10@2.5'	↓	1224	↓	↓	↓															X	
17	EB10/620	↓	1245	aqueous	ice/HNO3	1 amber 1 plastic					X					X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	A&R	10/16/20	1505	[signature]	A&R	10/16/20	1505
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

ARL

Sample Acceptance Checklist

CLIENT: Placeworks WORK ORDER NUMBER: 2010-00138

Temperature:(Criteria:0.0ºC-6.0ºC)

Sample Temp.(w/CF) ºC(w/CF) 4.2°C

☐ Sample(s) outside temprature criteria: PM contacted by :

☐ Sample(s) outside temprature criteria, but received on ice/chilled on same day of sampling.

☐ Sample(s) received at ambient temprature; placed on ice for transport by courier.

Ambient Temprature ☐ Air ☐ Filter

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present and Not Intact	✓ Not Present
Sample(s)	☐ Present and Intact	☐ Present and Not Intact	✓ Not Present

Sample Condition:	Yes	No	N/A
Was a COC received	✓		
Were sample IDs present?	✓		
Were sampling dates & times present?	✓		
Was a relingquished signature present?	✓		
Were the tests required clearly indicated?	✓		
Were all samples sealed in plastic bags?	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were correct containers used for the tests required?	✓		
Was a sufficient amount of samples sent for tests indicated?	✓		
Was there headspace in VOA vials?			✓
Were the containers labeled with correct preservatives?	✓		

Explanations/Comments:

Notification:

For discrepancies, how was the Project Manager notified? Verbal

Verbal: PM Initials: _____ Data/Time: _____

Email: Send to: _____ Data/Time: _____

Project Manager's response:

Completed By: [signature] Date: 10·16·20

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng — Ken Zheng, President 10/28/2020 10:08:55
Laboratory Job No. (Certificate of Analysis No.)	2010-00177
Project Name / No.	Addt'l - RISE KOHYANG MS, LOS ANGELES BSS-15.0
Dates Sampled (from/to)	10/15/20 To 10/15/20
Dates Received (from/to)	10/15/20 To 10/15/20
Dates Reported (from/to)	10/28/20 To 10/28/2020
Chains of Custody Received	Yes

Comments:

Subcontracting

Organic Analyses

No analyses sub-contracted

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

Sample	Analyte	Result	Qual	Units	RL	Sample	Analyte	Result	Qual	Units	RL
B-23-S5@1.5'	4,4'-DDE	**0.027**		mg/Kg	0.0020	B-23-S5@1.5'	Chlordane	**0.035**		mg/Kg	0.010
B-23-S5@1.5'	Dieldrin	**0.027**		mg/Kg	0.0020	B-23-S5@1.5'	Heptachlor Epoxide	**0.0023**		mg/Kg	0.0020
B-23-S5@2.5'	4,4'-DDE	**0.015**		mg/Kg	0.0040	B-23-S5@2.5'	Chlordane	**0.026**		mg/Kg	0.020
B-23-S5@2.5'	Dieldrin	**0.014**		mg/Kg	0.0040	B-23-E5@1.5'	4,4'-DDE	**0.046**		mg/Kg	0.0020
B-23-E5@1.5'	Chlordane	**0.14**		mg/Kg	0.010	B-23-E5@1.5'	Dieldrin	**0.077**		mg/Kg	0.0020
B-23-E5@1.5'	Heptachlor Epoxide	**0.0093**		mg/Kg	0.0020	B-23-E5@2.5'	4,4'-DDE	**0.0023**		mg/Kg	0.0020
B-23-E5@2.5'	Dieldrin	**0.0030**		mg/Kg	0.0020	B-23-W5@1.5'	4,4'-DDE	**0.0092**		mg/Kg	0.0020
B-23-W5@1.5'	Dieldrin	**0.0080**		mg/Kg	0.0020	B-23-N5@1.5'	4,4'-DDE	**0.0037**		mg/Kg	0.0020
B-23-N5@1.5'	Dieldrin	**0.0061**		mg/Kg	0.0020	B-23-N5@2.5'	Dieldrin	**0.0024**		mg/Kg	0.0020

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CERTIFICATE OF ANALYSIS

2010-00177

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2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **B-24-N5@1.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	13:13
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**7.28**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB
Sample: 002 **B-24-E5@1.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	13:29
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**6.71**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB
Sample: 003 **B-23-S5@1.5'** Sample Matrix: **Soil**					Date & Time Sampled:		10/15/20 @	13:51
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	**0.035**		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	**0.027**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	**0.027**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	**0.0023**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR

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2010-00177

PLACEWORKS
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2850 INLAND EMPIRE BLVD.
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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 003 **B-23-S5@1.5'**					Date & Time Sampled:		10/15/20 @	13:51
Sample Matrix: **Soil**								
.....continued								
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	108		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	93		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 004 **B-23-S5@2.5'**					Date & Time Sampled:		10/15/20 @	13:52
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
alpha-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
beta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
delta-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
gamma-BHC	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Chlordane	**0.026**		mg/Kg	EPA 8081A	2.0	0.020	10/26/20	SR
4,4'-DDD	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
4,4'-DDE	**0.015**		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
4,4'-DDT	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Dieldrin	**0.014**		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Endosulfan I	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Endosulfan II	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Endosulfan Sulfate	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Endrin	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Endrin Aldehyde	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Endrin ketone	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Heptachlor	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Heptachlor Epoxide	<0.0040		mg/Kg	EPA 8081A	2.0	0.0040	10/26/20	SR
Methoxychlor	<0.020		mg/Kg	EPA 8081A	2.0	0.020	10/26/20	SR
Toxaphene	<0.10		mg/Kg	EPA 8081A	2.0	0.10	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	116		%REC	EPA 8081A/8082		50-150	10/26/20	SR

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2010-00177

PLACEWORKS
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2850 INLAND EMPIRE BLVD.
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ONTARIO, CA 91764

Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 004 **B-23-S5@2.5'**					Date & Time Sampled:		10/15/20 @	13:52
Sample Matrix: **Soil**								
.....continued								
Decachlorobiphenyl	102		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 005 **B-23-E5@1.5'**					Date & Time Sampled:		10/15/20 @	14:02
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**150**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	**0.14**		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	**0.046**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	**0.077**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	**0.0093**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	94		%REC	EPA 8081A/8082		50-150	10/26/20	SR

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2010-00177

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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 005 **B-23-E5@1.5'**					Date & Time Sampled:		10/15/20 @	14:02
Sample Matrix: **Soil**								
.....continued								
Decachlorobiphenyl	84		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 006 **B-23-E5@2.5'**					Date & Time Sampled:		10/15/20 @	14:03
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	**0.0023**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	**0.0030**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	101		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	94		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 007 **B-23-W5@1.5'**					Date & Time Sampled:		10/15/20 @	14:13
Sample Matrix: **Soil**								

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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 007 **B-23-W5@1.5'**					Date & Time Sampled:		10/15/20 @	14:13
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**16.4**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	**0.0092**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	**0.0080**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	97		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	89		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 008 **B-23-W5@2.5'**					Date & Time Sampled:		10/15/20 @	14:14
Sample Matrix: **Soil**								
[Pesticides]								

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2010-00177

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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 008 **B-23-W5@2.5'**					Date & Time Sampled:		10/15/20 @	14:14
Sample Matrix: **Soil**								
.....continued								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	95		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	89		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 009 **B-23-N5@1.5'**					Date & Time Sampled:		10/15/20 @	14:25
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR

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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 009 **B-23-N5@1.5'**					Date & Time Sampled:		10/15/20 @	14:25
Sample Matrix: **Soil**								
.....continued								
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	**0.0037**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	**0.0061**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	92		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	81		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 010 **B-23-N5@2.5'**					Date & Time Sampled:		10/15/20 @	14:26
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR

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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 010 **B-23-N5@2.5'**					Date & Time Sampled:		10/15/20 @	14:26
Sample Matrix: **Soil**								
.....continued								
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	**0.0024**		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	104		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	90		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 011 **B-21-W5@1.5'**					Date & Time Sampled:		10/15/20 @	14:52
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR

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Date Reported	10/28/20
Date Received	10/15/20
Invoice No.	90056
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 011 **B-21-W5@1.5'**					Date & Time Sampled:		10/15/20 @	14:52
Sample Matrix: **Soil**								
.....continued								
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	99		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	92		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 012 **B-21-W5@2.5'**					Date & Time Sampled:		10/15/20 @	14:53
Sample Matrix: **Soil**								
[Pesticides]								
Ultrasonic Extraction	Complete			EPA 3550	1.0		10/26/20	SR
Aldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
alpha-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
beta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
delta-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
gamma-BHC	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Chlordane	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
4,4'-DDD	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDE	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
4,4'-DDT	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Dieldrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan I	<0.00020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR

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Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 012 **B-21-W5@2.5'**					Date & Time Sampled:		10/15/20 @	14:53
Sample Matrix: **Soil**								
.....continued								
Endosulfan II	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endosulfan Sulfate	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin Aldehyde	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Endrin ketone	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Heptachlor Epoxide	<0.0020		mg/Kg	EPA 8081A	1.0	0.0020	10/26/20	SR
Methoxychlor	<0.010		mg/Kg	EPA 8081A	1.0	0.010	10/26/20	SR
Toxaphene	<0.050		mg/Kg	EPA 8081A	1.0	0.050	10/26/20	SR
[Surrogates]								
Tetrachloro-m-xylene	107		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Decachlorobiphenyl	96		%REC	EPA 8081A/8082		50-150	10/26/20	SR
Sample: 013 **B-37-N5@1.5'**					Date & Time Sampled:		10/15/20 @	16:51
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**8.56**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB

Respectfully Submitted: Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

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www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#'s	2789
	2790
	2122

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For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

2010-00177

PLACEWORKS
ONTARIO, CA 91764

Date Reported	**10/28/2020**
Date Received	**10/15/2020**
Date Sampled	**10/15/2020**
Invoice No.	**90056**
Customer #	**P135**
Customer P.O.	**BSS-15.0**

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Method # EPA 6010B
QC Reference # 92302 **Date Analyzed:** 10/26/2020 **Technician:** TLB
Samples 001 002 005 007 013

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	102	102	0.3	76	73	2.7

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

Method # EPA 8081A
QC Reference # 92322 **Date Analyzed:** 10/26/2020 **Technician:** SR
Samples 003 004 005 006 007 008 009 010 011 012

Results

	LCS %REC	LCS %DUP	LCS %RPD
4,4'-DDT	98	91	7
Aldrin	99	104	5
Dieldrin	114	98	16
Endrin	114	95	19
gamma-BHC	81	88	7
Heptachlor	90	87	3

Control Ranges

LCS %REC	LCS %RPD
50 - 130	0 - 30
50 - 140	0 - 30
70 - 130	0 - 30
70 - 150	0 - 30
50 - 150	0 - 30
50 - 150	0 - 30

Method # EPA 8081A/8082
QC Reference # 92322 **Date Analyzed:** 10/26/2020 **Technician:** SR
Samples 003 004 005 006 007 008 009 010 011 012

No QC recoveries reported.

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-177

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BLVD, STE. B, ONTARIO
Report Attention: DENISE C
Phone #: Fax: # 909.579.9161
Sampled By:
Project No./ Name: BSS-15.0
Project Site: RISE KOHYANG MS. LOS ANGELES

☒ Chilled ☒ Intact ☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					HOLD	Remarks
	B-4-S5@1.5'	10/15/20	1154	Soil	ice	1 acetate sleeve															X	
	B-4-S5@2.5'		1155																		X	
	B-4-E5@0.5'		1203								X					X						
	B-4-E5@1.5'		1204																		X	
	B-4-E5@2.5'		1205																		X	
	B-24-N5@0.5'		1312													X						
1	B-24-N5@1.5'		1313													⊗					~~X~~ 90	
	B-24-N5@2.5'		1314																		X	
	B-24-S5@0.5'		1319													X						
	B-24-S5@1.5'		1320																		X	
	B-24-S5@2.5'		1321																		X	
	B-24-E5@0.5'		1328													X						
2	(MW) B-24-E5@1.5'		1329													⊗					~~X~~ 90	
	B-24-E5@2.5'		1330																		X	
	B-24-E10@0.5'		1340													X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Acworks	10/15/20	1935	[signature]	A-R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

*prev WO# 2010-128 → added per Mike [initials] 10.22.20

GW=Ground Water, WW=Waste Water, SW=Solid Waste, SS=Soil/Sediment, AR=Air, PD=Pure Product

IC=Ice, HC=HCl, HN=HNO3, SH=NaOH, ST=Na2S2O3, HS=H2SO4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST=Steel Tube, B=Brass Tube, P=Plastic Bottle, V=VOA Vial, E=EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-177

Client Name
E-mail
Address
Report Attention | Phone # Fax # | Sampled By
Project No./ Name | Project Site

See page

☒ Chilled
☒ Intact
☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Gold Lead					Hold	Remarks
	B-24-E10@1.5'	10/15/20	1341	Soil	ice	Laccate sleeve															X	
	B-24-E10@2.5'		1342																		X	
	B-23-S5@0.5'		1350								X					X						
3	B-23-S5@1.5'		1351								X										X	
4	B-23-S5@2.5'		1352								X										X	
	B-23-E5@0.5'		1401								X					X						
5	B-23-E5@1.5'		1402								X					X					X	
6	B-23-E5@2.5'		1403								X										X	
	B-23-W5@0.5'		1411								X					X						
	B-23-W5DUP@0.5'		1412								X					X						
7	B-23-W5@1.5'		1413								X					X					X	
8	B-23-W5@2.5'		1414								X										X	
	B-23-N5@0.5'		1423								X					X						
	B-23-N5DUP@0.5'		1424								X					X						
9	B-23-N5@1.5'		1425								X										X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	PLACEWORK	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SS=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO3, SH=NaOH, ST=Na2S2O3, HS=H2SO4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST=Steel Tube, B=Brass Tube, P=Plastic Bottle, VOA Vial, E=EnCore

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Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344
E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-177

Client Name
E-mail
Address
Report Attention: Phone # / Fax: #
Sampled By
Project No./ Name
Project Site

See page

☒ Chilled
☒ Intact
☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro Plate Cnt., Coliform E-Coli	Color & Lead				Hold	Remarks
10	B-23-N5@2.5'	10/15/20	1426	Soil	ice	Lrg Glass sleeve					X									X	
	B-21-S5@0.5'		1440								X										
	B-21-S5@1.5'		1441																	X	
	B-21-S5@2.5'		1442																	X	
	B-21-W5@0.5'		1451								X										
11	B-21-W5@1.5'		1452								X									X	
12	B-21-W5@2.5'		1453								X									X	
	B-21-E5@0.5'		1507								X										
	B-21-E5@1.5'		1508																	X	
	B-21-E5@2.5'		1509																	X	
	B-21-N5@0.5'		1518								X										
	B-21-N5@1.5'		1519																	X	
	B-21-N5@2.5'		1520																	X	
	B-20-S5@0.5'		1533								X										
	B-20-S5@1.5'		1534																	X	

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible signature]	[illegible]	10/15/20	1935	[illegible signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO_3, SH=NaOH, ST=$Na_2S_2O_3$, HS=H_2SO_4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, S=Steel Tube, B=Brass Tube, P=Plastic Bottle, V=VOA Vial, E=EnCore

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Work Order #: 2010-177

Client Name
E-mail
Address
Report Attention | Phone # Fax: # | Sampled By
Project No./ Name | Project Site

See page 1

☒ Chilled
☒ Intact
☐ Seal

Analyses Requested

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	6010B Lead					HOLD	Remarks
	B-37-E5e2.5'	10/15/20	1637	Soil	ice	1 acetate sleeve															X	
	B-37-W5e0.5'		1645													X						
	B-37-W5e1.5'		1646 (MW)																		X	
	B-37-W5e2.5'		1647																		X	
	B-37-N5e0.5'		1650													X						
13	B-37-N5e1.5'		1651													X					~~X~~ 90	
	B-37-N5e2.5'		1652																		X	
	EB101520		1710	aqueous	ice HNO3	1 amber 1 plastic					X					X						

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	[illegible]	10/15/20	1935	[signature]	A+R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SD=Solid Waste, SL=Sludge, SS=Soil/Sediment, AR=Air, PP=Pure Product

Preservative Code: IC=Ice, HC=HCl, HN=HNO3, SH=NaOH, ST=Na2S2O3, HS=H2SO4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST=Steel Tube, B=Brass Tube, P=Plastic Bottle, V=VOA Bottle, E=EnCore

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng — Ken Zheng, President 10/28/2020 10:09:22
Laboratory Job No. (Certificate of Analysis No.)	2010-00184
Project Name / No.	Addt'l - RISE KOHYANG MS, LOS ANGELES BSS-15.0
Dates Sampled (from/to)	10/16/20 To 10/16/20
Dates Received (from/to)	10/16/20 To 10/16/20
Dates Reported (from/to)	10/28/20 To 10/28/2020
Chains of Custody Received	Yes

Comments:

Subcontracting

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

None

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CERTIFICATE OF ANALYSIS

2010-00184

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	10/28/20
Date Received	10/16/20
Invoice No.	90062
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **B-44-W5@1.5'**					Date & Time Sampled:		10/16/20 @	12:00
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**2.00**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB
Sample: 002 **B-44-E5@1.5'**					Date & Time Sampled:		10/16/20 @	12:16
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**3.77**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB
Sample: 003 **B-44-E10@0.5'**					Date & Time Sampled:		10/16/20 @	12:22
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		10/26/20	TLB
Lead	**74.0**		mg/Kg	EPA 6010B	1.0	0.500	10/26/20	TLB

Respectfully Submitted: Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

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RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

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QUALITY CONTROL DATA REPORT

2010-00184

PLACEWORKS
ONTARIO, CA 91764

Date Reported	**10/28/2020**
Date Received	**10/16/2020**
Date Sampled	**10/16/2020**
Invoice No.	**90062**
Customer #	**P135**
Customer P.O.	**BSS-15.0**

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Method # EPA 6010B
QC Reference # 92302 **Date Analyzed:** 10/26/2020 **Technician:** TLB
Samples 001 002 003

Results

	LCS %REC	LCS %DUP	LCS %RPD	SPIKE %REC	SPIKE %DUP	SPIKE %RPD
Lead	102	102	0.3	76	73	2.7

Control Ranges

LCS %REC	LCS %RPD	SPIKE %RPD
75 - 125	0 - 20	0 - 20

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

Work Order # 2010-184

Page 1 of 1

Client Name: PLACEWORKS
E-mail: DCLENDENING@PLACEWORKS.COM
Address: 2850 INLAND EMPIRE BLVD, STE. B, ONTARIO
Report Attention: DENISE C. Phone #: 909 579 9161 Fax: #
Sampled By:
Project No./ Name: BSS-16.0
Project Site: RISE KOHYANG MS, LOS ANGELES

☒ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested: EPA8260B (VOCs & Oxygenates); EPA8260B(BTEX & Oxygenates); LUFT / 8015 (Gasoline); LUFT / 8015 (Diesel); EPA8081A (Organochlorine Pesticides); EPA 8082 (PCBs); EPA 8015M (Carbon Chain Dist.); EPA 6010B/7000 (CAM 17 Metals); Micro: Plate Cnt, Coliform, E-Coli; Gold Lead; Hold

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain Dist.)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt, Coliform, E-Coli	Gold Lead					Hold	Remarks
	B-41-S5@1.5'	10/16/20	1039	MW/SO:1	ice	1 acetate sleeve															X	
	B-41-S5@2.5'		1040	MW																	X	
	B-42-S5@0.5'		1150												X							
MW	B-42-S5@1.5'		1151																		X	
	B-42-S5@2.5'		1152																		X	
	B-44-W5@0.5'		1159												X							
1	B-44-W5@1.5'		1200												⊗						X	90
	B-44-W5@2.5'		1201																		X	
	B-44-N5@0.5'		1207												X							
	B-44-N5@1.5'		1208																		X	
	B-44-N5@2.5'		1209																		X	
	B-44-E5@0.5'		1215												X							
2	B-44-E5@1.5'		1216												⊗						X	90
	B-44-E5@2.5'		1217																		X	
3	B-44-E10@0.5'		1222												⊗						X	90

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[illegible]	PLACEWORKS	10/16/20	1505	[illegible]	A&R	10/16/20	1505
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

*prev. WO# 2010-184 → added 10/22/20

Matrix: GW=Ground Water, WW=Waste Water, SD=Solid Waste, SS=Soil/Sediment, AR=Air, PP=Pure Product

IC=Ice, HC=HCl, HN=HNO3, SH=NaOH, ST=Na2S2O3, HS=H2SO4

* Sample Container Types: T=Tedlar Air Bag, G=Glass Container, ST= Steel Tube, B= Brass Tube, P=Plastic Bottle, V=VOA Vial, E= EnCore

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LA City#	10261
ELAP#'s	2789
	2790
	2122

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CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	Ken Zheng — Ken Zheng, President 11/04/2020 20:10:37
Laboratory Job No. (Certificate of Analysis No.)	2010-00220
Project Name / No.	Addt'l - RISE KOHYANG MS, LOS ANGELES BSS-15.0
Dates Sampled (from/to)	10/15/20 To 10/15/20
Dates Received (from/to)	10/15/20 To 10/15/20
Dates Reported (from/to)	11/04/20 To 11/4/2020
Chains of Custody Received	Yes

Comments:

Subcontracting

Inorganic Analyses

No analyses sub-contracted

Sample Condition(s)

All samples intact

Positive Results (Organic Compounds)

None

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research

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CERTIFICATE OF ANALYSIS

2010-00220

PLACEWORKS
DENISE CLENDENING
2850 INLAND EMPIRE BLVD.
SUITE B
ONTARIO, CA 91764

Date Reported	11/04/20
Date Received	10/15/20
Invoice No.	90117
Cust #	P135
Permit Number	
Customer P.O.	BSS-15.0

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Analysis	Result	Qual	Units	Method	DF	RL	Date	Tech
Sample: 001 **B-23-E5@2.5'**					Date & Time Sampled:		10/15/20 @	14:03
Sample Matrix: **Soil**								
[Metals]								
Metals Acid Digestion	Complete			EPA 3050B	1.0		11/03/20	JEN
Lead	**9.65**		mg/Kg	EPA 6010B	1.0	0.500	11/03/20	JEN

Respectfully Submitted:

Ken Zheng

Ken Zheng - Lab Director

QUALIFIERS

B = Detected in the associated Method Blank at a concentration above the routine RL.
B1 = BOD dilution water is over specifications . The reported result may be biased high.
D = Surrogate recoveries are not calculated due to sample dilution.
E = Estimated value; Value exceeds calibration level of instrument.
H = Analyte was prepared and/or analyzed outside of the analytical method holding time
I = Matrix Interference.
J = Analyte concentration detected between RL and MDL.
Q = One or more quality control criteria did not meet specifications. See Comments for further explanation.
S = Customer provided specification limit exceeded.

ABBREVIATIONS

DF = Dilution Factor
RL = Reporting Limit, Adjusted by DF
MDL = Method Detection Limit, Adjusted by DF
Qual = Qualifier
Tech = Technician

As regulatory limits change frequently, A & R Laboratories advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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QUALITY CONTROL DATA REPORT

2010-00220

PLACEWORKS
ONTARIO, CA 91764

Date Reported	**11/04/2020**
Date Received	**10/15/2020**
Date Sampled	**10/15/2020**
Invoice No.	**90117**
Customer #	**P135**
Customer P.O.	**BSS-15.0**

Project: Addt'l - RISE KOHYANG MS, LOS ANGELES

Method # EPA 6010B
QC Reference # 92506 **Date Analyzed:** 11/3/2020 **Technician:** JEN
Samples 001

Results	LCS %REC	LCS %DUP	LCS %RPD	Control Ranges LCS %REC	Control Ranges LCS %RPD
Arsenic	101	101	0	75 - 125	0 - 20
Cadmium	104	104	0	75 - 125	0 - 20
Chromium	99	100	1	75 - 125	0 - 20
Copper	99	100	1	75 - 125	0 - 20
Lead	103	102	1	75 - 125	0 - 20
Nickel	103	104	1	75 - 125	0 - 20
Selenium	104	104	0	75 - 125	0 - 20
Zinc	104	104	0	75 - 125	0 - 20

No method blank results were above reporting limit

Respectfully Submitted: Ken Zheng

Ken Zheng - President

For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.

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E-mail: office@arlaboratories.com

CHAIN OF CUSTODY

A & R Job Number: 2010-220

Client Name: PLACEWORKS

E-mail:

Address:

Report Attention: Phone/Fax #: Sampled By:

Project No./ Name: BSS-15.0 Project Site: RISE KOHYANG MS, LA

☒ Chilled ☒ Intact ☐ Seal

Turn Around Time Requested: ☐ Rush 8 12 24 48 Hours ☒ Normal

Analyses Requested

Lab # (Lab use)	Client Sample ID	Sample Collection Date	Sample Collection Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli	Grab Lead					Remarks
	B-24-E10@1.5'	10/15/20	1341	Soil	ice	1 acetate sleeve														X	
	B-24-E10@2.5'		1342																	X	
	B-23-S5@0.5'		1350								X					X					
	B-23-S5@1.5'		1351								X									X*	
	B-23-S5@2.5'		1352								X									X*	
	B-23-E5@0.5'		1401								X					X					
	B-23-E5@1.5'		1402								X					X				X*	
	B-23-E5@2.5'		1403								X					X				X*	
	B-23-W5@0.5'		1411								X					X					
	B-23-W5DUP@0.5'		1412								X					X					
	B-23-W5@1.5'		1413								X					X				X*	
	B-23-W5@2.5'		1414								X									X*	
	B-23-N5@0.5'		1423								X					X					
	B-23-N5DUP@0.5'		1424								X					X					
	B-23-N5@1.5'		1425								X									X*	

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[signature]	PLACEWORKS	10/15/20	1935	[signature]	A&R	10/15/20	1935
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

*prev WO# 2010-177 added per Mike 10.21.20

Appendix E. Qualifications

Appendix

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DENISE CLENDENING, PhD

Associate Principal, Site Assessment Services

Denise has over 27 years of experience providing technical oversight and performing human health risk assessments, site assessments, and investigations of chemical waste at multiple sites including Resource Conservation & Recovery Act (RCRA) and Superfund sites. She is adept at applying alternatives that are economical yet protective of human health and the environment. She conducts realistic assessments and calculates target cleanup levels based on site-specific exposure scenarios. Her work has involved pesticides, heavy metals, solvents, and petroleum-contaminated soils. She assists multiple school districts in California with site assessment, public relations, and the Department of Toxic Substance Control (DTSC) school site approval process. She participates in public hearings and school board meetings and coordinates her projects with the CEQA process.

Before joining PlaceWorks, Denise managed large divestiture environmental due diligence projects for the electric power industry and was involved in numerous environmental projects for oil field operation. Her experience also includes the development and testing of risk assessment software and teaching training courses in risk assessment using different software programs.

Denise has established a very good reputation with regulatory agencies and negotiates risk-related issues on behalf of her clients. She is a member of the Los Angeles Regional Water Quality Control Board Underground Storage Tank Advisory Board and has extensive experience with site closure activities with the DTSC, Environmental Protection Agency, Regional Water Quality Control Boards, and local oversight agencies throughout California.

HIGHLIGHTS OF EXPERIENCE

ENVIRONMENTAL & HEALTH RISK ASSESSMENTS

» Xerox Corporation Preliminary Environmental Assessment and Health Risk Assessment | Santa Ana CA
» Human Health Risk Evaluation, Literature Research for American Petroleum Institute
» City of Redlands Health Risk Assessment | Redlands CA
» Caltrans Risk Assessment and Groundwater Impact Analysis | California
» Risk Assessments and Indoor Air Sampling for Confidential Client(s) | Various Locations
» Human Health & Ecological Risk Assessment – Technical Review | Various Locations
» Landfill Risk Assessments | Various Locations
» Risk Assessments for Pesticide Contaminated Soil | Various Locations
» Human Health Risk Assessment for Confidential Mineral Resources Client | Arizona
» Human Health Risk Assessment at Whites Point Nike Missile Site | Los Angeles County CA
» Human Health Risk Assessment at Fort MacArthur | Los Angeles County CA

EDUCATION

» PhD, Soil Physics, University of California, Riverside
» MS, Soil Science, University of California, Riverside
» BS, Geology, University of California, Riverside

CERTIFICATIONS

» Oil Spill Response Training

AFFILIATIONS

» Soil Science Society of America
» American Geophysical Union
» American Chemical Society
» Society of Risk Analysis
» Coalition of Adequate School Housing

Team member since 2005

PLACEWORKS

DENISE CLENDENING
Associate Principal
dclendening@placeworks.com

SITE ASSESSMENTS

- Site Remediation for Hull Middle School | Torrance CA
- PEA for New High School, William S. Hart UHSD | Castaic CA
- Phase I for Property at East Briar Drive | San Bernardino County CA
- PEA for Stella Academy Middle School | Los Angeles CA
- Phase I for Valley Boulevard Widening | City of Industry CA
- Oil Field Preliminary Environmental Assessment | Culver City CA
- Lead-Based Paint Evaluations | Various Locations
- Cogeneration Facilities Permit Applications | Various Locations throughout California
- NRG Energy Environmental Due Diligence Investigations | California
- AES Environmental Due Diligence Work Plans | California
- Remedial Investigation and Remedial Action for Jersey Avenue Elementary School Site (Congresswomen Grace Napolitano presented award for special congressional recognition for project), Little Lake City School District | City of Santa Fe Springs CA
- Preliminary Environmental Assessments for over 100 school sites throughout California
- Phase I ESA and PEAs for four school sites, Moreno Valley USD
- Phase I ESAs, PEAs, SSIs and RAWs for eight school sites, San Bernardino County Superintendent of Schools
- Phase I ESA for Elementary School No. 19, Rialto USD
- PEA and SSI for the New High School No. 3 Site, Colton Joint USD
- Phase I ESA and PEAs for four school sites, Lynwood USD
- Phase I ESA for the Proposed Elementary School No. 8, San Ysidro School District
- Phase I ESA for the Proposed K–8 Parker Dam School, Needles USD
- PEAs for three school sites and environmental and legislative support services, Santa Ana USD
- Phase I ESA, PSHA, and PEA for Community Day School, Eastside USD
- PEAs for five school sites in Clovis | Clovis CA
- PEA for redevelopment project for the City of South Gate | South Gate CA
- Phase I ESA for Arrowhead Springs Resort I | San Bernardino CA
- Phase I ESA for two Charter Schools for Green Dot Public Schools | Los Angeles CA
- Phase I and Phase II ESA for Former Service Station | Los Angeles CA
- Phase I ESAs, PEA, SSIs, and fill testing for multiple school sites, Pomona USD
- PEA and methane gas testing, Encinitas USD
- Phase I ESA and lead testing for multiple sites, Fontana USD
- Proponent's Environmental Assessment for PUC | Long Beach CA
- Initial Site Assessments for Street Widening Projects | Santa Ana CA
- Phase I ESAs for Renaissance Community Fund | Corona CA

TITLE 5/CDE RISK ASSESSMENTS

- Geohazard Assessment for Inglewood Site, Today's Fresh Start Charter School
- PEAs and Title 5 Assessments for three school sites, Redlands USD
- Title 5 Compliance Study Reports for four sites, Whittier Union High School District
- Prairie Vista Lead Testing, Hawthorne USD
- Environmental Support and Risk Assessment for school sites, San Dieguito Union High School District
- Human Health Risk Assessment School Site, Pomona USD
- Title 5 Hazard and Constraints Analysis for four school sites, Irvine USD
- Title 5 Hazard and Constraints Analysis for school site, Rialto USD

MICHAEL WATSON, PG

Project Geologist

With over a decade in the environmental consulting industry, Mike is proficient in providing field and office support to project managers performing site assessment and remediation. He performs site assessments, geohazard studies, air quality and industrial hygiene assessments, groundwater investigations, and remedial actions. Mike also manages materials acquisition, field equipment maintenance, and subcontractor coordination on large field investigations and monitoring programs.

A dedicated geologist, Mike continually strives to refine his knowledge, methods, and efficacy. He is especially committed to his current work for numerous school districts throughout California, where he assists in site assessment services and the Department of Toxic Substances Control's school site approval process. He performs Phase I ESAs, PEAs, geohazard studies, supplemental site investigations, remedial investigation reports, removal action documents, feasibility study reports, Title 5 Constraints Studies, and fill testing reports. In addition, he assists with the management and implementation of field investigations, assembles project data, and arranges methodical and comprehensive procedures to attain the client's goals.

HIGHLIGHTS OF EXPERIENCE

SITE ASSESSMENTS

- PEAs, Phase I ESAs, Geohazards Study Reports, and Title 5 Studies for various schools | Moreno Valley USD
- PEAs and Fill Testing for various schools | Clovis USD
- PEA for Proposed Castaic High School | William S. Hart Union High School District
- Phase I ESA for Proposed K–8 Parker Dam School | Needles USD
- Removal Action, Fill Testing, and Quarterly Groundwater Sampling for Central Region High School No. 13 | Los Angeles USD
- Removal Actions for Chaffey West Community Day School and Chino Early Education Center | San Bernardino County Superintendent of Schools
- Phase I ESA for Citrus Creek Residential Development | Upland CA
- Phase I ESA for the Arrowhead Springs Resort | San Bernardino CA
- Phase I/II ESAs for Former Gas Station | Los Angeles CA
- Quarterly Groundwater Sampling, Remedial Investigation and Remedial Action for Santa Fe Springs Athletic Fields | Little Lake City School District/Santa Fe Springs CA
- Environmental Services for various schools | Hayward USD

REGULATORY COMPLIANCE & STRATEGIC PLANNING

- Environmental Auditing for General Motors Railroad Locomotive Service Facility | Commerce CA
- Construction Site Review Implementation, RAW, and Methane Mitigation System Inspection for Hull Middle School | Torrance USD
- Underground Storage Tank Closure Report and Construction Response – Removal of Six Hydraulic Lifts for Central Region Elementary School No. 13 | Los Angeles USD
- Removal Action, Oil Well Reabandonment, Crude Oil Pipeline Removal, Construction Response Services, and Construction Site Review Implementation for Harry Bridges Span K–8 | Los Angeles USD

EDUCATION

- BS, Geology, University of California, Riverside

REGISTRATIONS

- California Professional Geologist No. 8177

CERTIFICATIONS

- 40-Hour Hazardous Waste Workers (HAZWOPER) Certification
- 24-Hour First Responders Certification
- 8-Hour HAZWOPER Refresher Certification
- CPR/First Aid Certification
- NITON X-ray Fluorescence (XRF) Analyzer Certification

AFFILIATIONS

- Geological Society of America
- Association of Environmental and Engineering Geologists
- Seismological Society of America
- Inland Geological Society
- South Coast Geological Society

Team member since 2005

PLACEWORKS

- Operations and Maintenance Inspection and Monitoring Reports, Five-Year Review Report, and Decommissioning of Methane Mitigation System at Woodcrest Jr. High and Liberty Elementary | Chino Valley USD
- Corrective Measures Study and Quarterly Groundwater Monitoring for Raymond A. Villa Fundamental Intermediate School | Santa Ana USD
- Soil Vapor and Groundwater Monitoring, Soil Vapor Extraction System Monitoring and AQMD compliance for Former Sargent Industries Facility | Huntington Park CA

MICHAEL WATSON

Project Geologist

mwatson@placeworks.com

CEQA/TITLE 5 ASSESSMENTS

- CollegeTown Specific Plan EIR | Fullerton CA
- Anaheim Canyon Specific Plan EIR | Anaheim CA
- Title 5 studies for various schools in Westminster and Huntington Beach | Westminster School District
- City of El Monte General Plan | El Monte CA
- City of Industry General Plan | Industry CA
- Irvine Business Center | Irvine CA

PUBLICATIONS

- Watson, M. J., and S. Jorgensen, 2001. Geologic Map of the Margarita Peak 7.5 Minute Quadrangle, San Diego County, California: A Digital Database, Version 1.0. Mapping by S. S. Tan. California Division of Mines and Geology, Preliminary Geologic Map.
- Watson, M. J. and others, 2003. Quaternary Geologic Materials Map of Part of the Juniper Hills 7.5 Minute Quadrangle, California. In Seismic Hazard Zone Report for the Juniper Hills 7.5-Minute Quadrangle, Los Angeles County, California. Mapping by A. G. Barrows, D. J. Beeby, D. B. Burke, T. W. Dibblee Jr., J. E. Kahle, and D. J. Ponti. California Geological Survey Seismic Hazard Zone Report 102.
- Watson, M.J., K.R. Bovard, R.M. Alvarez, and C.I. Gutierrez, 2007, Geologic Map of the Oceanside 30’ X 60’ Quadrangle, California, Mapping by M.P. Kennedy and S.S. Tan. California Geological Survey Regional Geologic Map Series, Map No. 2: Scale 1:100,000.

Appendix E. Health Risk Assessment

Appendices

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October 2020 | Health Risk Assessment

1700 WEST OLYMPIC BOULEVARD LOS ANGELES, CALIFORNIA 90015

Bright Star Schools

Prepared for:

Bright Star Schools
Contact: Saman Bravo-Karimi, Bright Star School Support Team
600 S. La Fayette Park Place
Los Angeles, CA 90057

Prepared by:

PlaceWorks
Contact: Steve Bush, PE, Senior Engineer
1625 Shattuck Avenue, Suite 300
Berkeley, California 94709
510.848.3815
info@placeworks.com
www.placeworks.com

Project Number BSS-15.0

PLACEWORKS

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1. Introduction

Bright Star Schools (BSS) is proposing to acquire a one-acre site for proposed middle school development (grades 6 through 8). The project site is located at 1700 West Olympic Boulevard in Los Angeles, Los Angeles County, California.

Regulations pertaining to the siting of new schools or modernization of existing schools in California require compliance with the California Code of Regulations (CCR) Title 5 standards. For new schools, Title 5 studies must demonstrate that facilities with the potential to emit hazardous air pollutants within a quarter-mile radius of the school site will not constitute an actual or potential public health risk to students and staff that will attend the school.

This health risk assessment (HRA) included conducting the following tasks:

- Facilities within a quarter-mile (1,320-foot) radius of the proposed site were surveyed that might reasonably emit hazardous or acutely hazardous air emissions.
- A screening level assessment was conducted for identified sources of air emissions using the screening methodology provided by the South Coast Air Quality Management District (South Coast AQMD).
- For emission sources which exceeded air district screening thresholds, refined modeling was conducted using an air dispersion modeling (AERMOD) to quantify maximum ground-level concentrations for receptors at the project site. Meteorological (met) data from the nearest South Coast AQMD met station with similar meteorological conditions were used to represent local weather conditions and prevailing winds.
- Cancer and non-cancer risks to students and staff attending the school site were determined based on the results of the AERMOD modeling. The assessment considered exposure through the inhalation pathway. Cancer Potency Factors (CPFs) were used to determine carcinogenic risk and Reference Exposure Levels (RELs) were used to determine non-carcinogenic risk.
- A health risk assessment report has been prepared that compares the calculated risks with thresholds established by the South Coast AQMD and Office of Environmental Health Hazard Assessment (OEHHA).

The HRA and dispersion modeling methodologies used in the preparation of this report included all relevant and appropriate procedures developed by the US Environmental Protection Agency (USEPA, 2005) and OEHHA (2015). These methodologies and assumptions were used to ensure that the assessment effectively quantified school-based impacts associated with emission sources. It should be noted that these health impacts were based on conservative (i.e., health protective) assumptions. The USEPA and OEHHA note that conservative assumptions used in a risk assessment are intended to ensure that the estimated risks do not underestimate the actual risks (USEPA, 2005; OEHHA, 2015). Therefore, the estimated risks do not necessarily represent actual risks experienced by populations at or near a site. The use of conservative assumptions tends to produce upper-bound estimates of risk and usually overestimate exposures.

1. Introduction

For this school-based risk assessment, the following conservative assumptions were used:

- It was assumed that maximum exposed receptor (both students and staff) stood outside at the site for 8 hours per weekday (8:00 AM to 4:00 PM, Monday to Friday), 180 days per year for 3 years (6th grade through 8th grade students) or 250 days per year for 25 years (staff). In reality, students and staff are exposed to outdoor pollutant concentration levels only during breaks, and lunch and are exposed to reduced indoor pollutant concentrations for the remaining school hours. This would result in lower estimated risk values.
- The calculated risk for children from 2-16 years is multiplied by a factor of 3 to account for early life exposure and uncertainty in child versus adult exposure impacts (OEHHA, 2015).

Thus, the estimated risks in this HRA are conservative.

2. Project Description

The project site is located at the southwest corner of the intersection of West Olympic Boulevard and Beacon Avenue in Los Angeles, Los Angeles County, California. The approximately one-acre proposed school site is at 1700 West Olympic Boulevard (Assessor Parcel Number 5137-017-014) in the Pico Union neighborhood within the City of Los Angeles in Los Angeles County, California. The site is bounded by West Olympic Boulevard to the north, Beacon Street to the east, residential property to the south, and an office building to the west.

The project site and vicinity are depicted in Figure 1.

2. Project Description

This page intentionally left blank.

Figure 1 - Site Location

Project Boundary

0 90
Scale (Feet)

Source: Nearmap, 2020

2. Project Description

This page intentionally left blank.

3. Source Identification

Properties within a quarter-mile radius (1,320 feet) were surveyed to identify facilities that have the potential to generate hazardous and acutely hazardous air emissions. Additionally, information obtained from a South Coast AQMD grid search and through the South Coast AQMD Facility Information Detail (FIND) database was reviewed to assist in the identification of potential emission sources (South Coast AQMD, 2020).

A summary of the emission sources evaluated for this HRA is provided below in Table 1, and is provided in Appendix A.

Table 1 Emission Sources

Source	Distance from Site	Address
Mobil Gas Station	1,180 feet northwest	958 S. Alvarado Street, Los Angeles CA 90006
El Pollo Loco	780 feet northwest	1934 W. Olympic Boulevard, Los Angeles, CA 90006
Seoul Garden	430 feet northwest	1833 W. Olympic Boulevard, Los Angeles, CA 90006
City National Bank	250 feet northwest	1801 W. Olympic Boulevard, Los Angeles, CA 90006
Rodeo Mexican Grill	100 feet north	1721 W. Olympic Boulevard, Los Angeles, CA 90015
Arco Gas Station	250 feet southeast	1600 W. Olympic Boulevard, Los Angeles, CA 90015
La Curacao Business Center	140 feet east	1605 W. Olympic Boulevard, Los Angeles, CA 90015
Las Torres Apartments	800 feet southeast	944 S. Grattan Street, Los Angeles, CA 90015
Loyola Law School	1,000 feet southeast	919 S. Albany Street, Los Angeles, CA 90015
La Adelita Restaurant	1,250 ft south of site	1287 S. Union Street, Los Angeles, CA 90015

The project site and evaluated emission sources are depicted in Figure 2.

3. Source Identification

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Figure 2 - Emission Sources

Project Boundary

1/4-Mile Radius

1. Mobil Gas Station
2. El Pollo Loco
3. Seoul Garden
4. City National Bank
5. Rodeo Mexican Grill
6. Arco Gas Station
7. La Curacao Business Center
8. Las Torres Apartments
9. Loyota Law School
10. La Adelita Restaurant

0 625
Scale (Feet)

Source: Nearmap, 2020

3. Source Identification

This page intentionally left blank.

4. Emissions Inventory

4.1 SCREENING EVALUATION

Tier 1 or 2 risk assessments were conducted for the following identified emission sources under guidance from South Coast AQMD's Rule 1401 Risk Assessment Program. The information needed to perform the screening risk assessments are the maximum annual emission rates for each toxic air contaminant based on the facilities permit-to-operate or similar methodology, the distance between the sources and project site, select source characteristics such as stack height or building dimension, source operating schedule, and geographic location of the sources. The Tier 2 screening risk assessment also includes procedures for determining cancer risk and chronic and acute non-cancer hazard indices using the latest HRA guidance recommended by OEHHA (South Coast AQMD, 2017). If the estimated risks from Tier 1 or Tier 2 screening are below South Coast AQMD significance thresholds, then a more detailed evaluation is not necessary. Table 2 summaries the results of the screening level assessment and Appendix B contains the emission rate calculations for each source considered in the assessment.

Table 2 Screening Level Analysis

Emission Source	Emission Parameter	5-Year Resident[1] Cancer Risk	Commercial Cancer Risk
1 Mobil Gas Station, gas dispensing	7.8 million gallons/yr dispensed	Tier 1, pass 0.3 per million	Tier 1, pass 0.02 per million
4 City National Bank, generator 1	276 brake horsepower (bhp), 50 hours/year maintenance & operation (M&O)	Tier 2, fail 1.1 per million	Tier 2, pass 0.14 per million
4 City National Bank, generator 2	415 bhp, 50 hr/yr M&O	Tier 2, fail 1.1 per million	Tier 2, pass 0.14 per million
4 City National Bank, generator 3	805 bhp, 50 hr/yr M&O	Tier 2, pass 0.9 per million	Tier 2, pass 0.11 per million
4 City National Bank, generator 4	1,354 bhp, 50 hr/yr M&O	If BHP>1,150, need refined modeling	
6 Arco Gas Station, gas dispensing	6 million gal/yr dispensed	Tier 1, pass 2.7 per million	Tier 1, pass 0.23 per million
7 La Curacao Business Center, natural gas boilers (3)	5.62 million BTU/hr (combined all 3 boilers)	Tier 1, pass 0.4 per million	Tier 1, pass 0.4 per million
7 La Curacao Business Center, generator 1	208 bhp, 34 hr/yr M&O	Tier 2, pass 0.8 per million	Tier 2, pass 0.09 per million
7 La Curacao Business Center, generator 2	107 bhp, 50 hr/yr M&O natural gas generator	Tier 1, pass 0.003 per million	Tier 1, pass 0.003 per million
8 Las Torres Apartments, boiler	1.1 million BTU/hr	Tier 1, pass 0.04 per million	Tier 1, pass 0.04 per million

Source: South Coast AQMD Rule 1401 Risk Assessment Program, V1.103 (Couth Coast AQMD, 2017).
1 5-year residential (5-year exposure, ages 0-5) cancer risks produce higher risks than for middle school students (3-year exposure, ages 10-13). Therefore, use of 5-year residential risks is conservative. Commercial same as Worker/Staff scenario.

It should be noted the screening risk evaluation determines the cancer risk for residential receptors exposed for 5-years (short-term). The residential exposure scenario is conservative, compared to a school-based

exposure scenario, because the residential scenario calculates risks with an exposure duration of 5 years and age sensitivity factors (ASF) of 10 for infants and children aged 0 to 2. The exposure duration for middle students is 3 years (grade 6 through grade 8) with an age sensitivity factor of 3 for ages 10 to 13. Staff exposures are determined using the OEHHA recommended 25-year exposure duration for workers. Additionally, students and staff would only be exposed during school hours (e.g., Monday through Friday 8AM to 4PM, 250 days per year for Staff; Monday through Friday 8AM to 4PM, 180 days per year for students), whereas the residences are exposed to emissions 24 hours per day, 350 days per year, per OEHHA recommendations (OEHHA, 2015). Therefore, the risks to middle students would be much less than 5-year residential receptors.

Several sources within the ¼-mile radius were eliminated from further evaluation because the emissions were de minimis based on information obtained from South Coast AQMD. For instances, several of the emergency generators associated with La Curacao Business Center, Las Torres Apartments, and Loyola Law School are restricted from maintenance and operational (M&O) usage during school hours of 7:30 AM to 4:30 PM on school days. Additionally, the gasoline-fueled emergency generator at La Curacao Business Center was omitted as the limited generator usage for M&O would generate de minimis toxic air contaminant (TAC) emissions. The facilities omitted from further evaluation are also listed in Appendix A.

4.2 REFINED ANALYSIS

Refined modeling was conducted for the emission source types not included in the screening tool, such as charbroilers and emergency generators with larger than 1,150 brake horsepower (bhp). Contaminant release information and associated chemical species were identified through a review of available documentation for each source referenced in Sections 3 and 4.1. To the degree practical, all contaminant emissions generated from each source location were considered in the analysis. The limiting factor for the inclusion of a compound was the availability of published exposure factors and other toxicity data enabling risks to be quantified and, where appropriate, target organs identified. The compounds emitted from each stationary source are listed in Table 3.

Table 3 Compounds Emitted from Stationary Sources

Source	Contaminant
Seoul Garden (charbroiler)	Acetaldehyde, Benzene, Formaldehyde, Naphthalene, PAHs, Styrene, Toluene
City National Bank (emergency diesel generator, 1,354 bhp)	Diesel Particulate Matter (DPM)
Carl's Jr. (charbroiler)	Acetaldehyde, Benzene, Formaldehyde, Naphthalene, PAHs, Styrene, Toluene

Typically, restaurants with charbroilers produce health risks several orders of magnitude less than facilities with diesel particulate matter (DPM) emissions. Therefore, only the charbroiling facilities within 500 feet of the site were included in the refined analysis. Emissions from El Pollo Loco, Loyola Law School, and La Adelita Restaurant would not impact the site as they are both over 1,000 feet away. Additionally, Loyola Law School is located downwind of the project site. Therefore, these sources were omitted from the evaluation.

5. Air Dispersion Modeling

To assess the impact of emitted compounds on individuals who may work and/or attend classes at the proposed school facility, air quality modeling using the AERMOD atmospheric dispersion model was performed. The model is a steady state Gaussian plume model and is recommended by South Coast AQMD for estimating ground level impacts from point and fugitive sources in simple and complex terrain.

The model requires additional input parameters, including chemical emission data and local meteorology. Meteorological (met) data provided by South Coast AQMD for the Central LA met station (2010-2011, 2014-2016) was used to represent local weather conditions and prevailing winds. According to the data from the Central LA met station, the prevailing wind direction in the area of the project site is to the northeast. The wind rose and overall model setup are provided in Appendix C.

The modeling analysis also considered the spatial distribution and elevation of each emitting source in relation to the sensitive receptors. To accommodate the model's Cartesian grid format, direction-dependent calculations were obtained by identifying the Universal Transverse Mercator (UTM) coordinates for source and receptor locations. In addition, digital elevation model (DEM) data for the area were obtained and included in AERMOD to account for complex terrain. A unit emission rate of 1 gram per second (g/s) was used for all modeling runs. The model's hour-of-day (HRDOW) scalar option was invoked to predict concentrations the hours students and staff would be exposed to source emissions.

The maximum AERMOD concentrations from the output files were then multiplied by the emission rates calculated in Appendix B to obtain the maximum ground-level concentrations at the maximum exposed receptor (MER). The air dispersion model output is presented in Appendix D. The calculated MER concentrations used in the HRA are provided in Appendix E. The annual average concentrations from the model run were used to determine cancer risk and chronic non-cancer risk, and the maximum one-hour concentrations were used to determine acute non-cancer risk. Additionally, CARB's Hotspots Analysis and Reporting Program (HARP2), Risk Assessment Standalone Tool was used to determine the 8-hour chronic non-cancer risk; the program determines the 8-hour non-cancer risk from the annual average concentrations (CARB, 2019).

5. Air Dispersion Modeling

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6. Risk Characterizations

6.1 CARCINOGENIC CHEMICAL RISK

Carcinogenic compounds are not considered to have threshold levels (i.e., dose levels below which there are no risks). Any exposure, therefore, will have some associated risk. The South Coast AQMD has established a maximum incremental cancer risk of 10 in a million ($1x10^{-5}$) for CEQA projects and the OEHHA also sets a typical risk management level as 10 in a million (OEHHA, 2015).

Health risks associated with exposure to carcinogenic compounds can be defined in terms of the probability of developing cancer as a result of exposure to a chemical at a given concentration. The cancer risk probability is determined by multiplying the chemical's annual concentration by its cancer potency factor (CPF), a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper-limit estimate of the probability of contracting cancer as a result of continuous exposure to an ambient concentration of one microgram per cubic meter ($\mu g/m^3$), averaged over a lifetime of 70 years.

Recent guidance from OEHHA recommends a refinement to the standard point estimate approach with the use of age-specific breathing rates and age sensitivity factors (ASFs) to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose for each age group. Once determined, contaminant dose is multiplied by the cancer potency factor in units of inverse dose expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, to accommodate the unique exposures associated with the proposed school population, the following dose algorithm was used.

$$\mathrm{Dose}_{\mathrm{AIR,per\ age\ group}} = (\mathrm{C_{air}} \times \mathrm{EF} \times [\frac{\mathrm{BR}}{\mathrm{BW}}] \times \mathrm{A} \times \mathrm{CF})$$

Where:

$\mathrm{Dose_{AIR}}$	=	dose by inhalation (mg/kg-day), per age group
$\mathrm{C_{air}}$	=	concentration of contaminant in air ($\mu g/m^3$)
EF	=	exposure frequency (number of days /365 days)
BR/BW	=	daily breathing rate normalized to body weight (L/kg-day)
A	=	inhalation absorption factor (default = 1)
CF	=	conversion factor ($1x10^{-6}$, µg to mg, L to m^3)

The inhalation absorption factor (A) is a unitless factor that is only used if the cancer potency factor included a correction for absorption across the lung. The default value of 1 was used for this assessment. To represent the unique characteristics of the school population, the assessment employed the USEPA's guidance to develop viable dose estimates based on reasonable maximum exposure, defined as the "highest exposure that

is reasonably expected to occur" for a given receptor population. Lifetime risk values for the student population were adjusted to account for an exposure of 180 days per year for 3 years (6th to 8th grade students). In addition, the calculated risk for students is multiplied by an ASF weighting factor of 3 (for children ages 2 to 16) to account for early life sensitivity to pollutant exposures (OEHHA, 2015). To assess staff-related risk, exposures were adjusted to account for an employment period of 250 days per year for 25 years. This timeline is considered appropriate for potential workplace exposures established by OEHHA.

To calculate the overall cancer risk, the risk for each appropriate age group is calculated per the following equation:

$$\text{Cancer Risk}_{\text{AIR}} = \text{Dose}_{\text{AIR}} \times \text{CPF} \times \text{ASF} \times \frac{\text{ED}}{AT}$$

Where:

Dose_{AIR}	=	dose by inhalation (mg/kg-day), per age group
CPF	=	cancer potency factor, chemical-specific $(\text{mg/kg-day})^{-1}$
ASF	=	age sensitivity factor, per age group
ED	=	exposure duration (years)
AT	=	averaging time period over which exposure duration is averaged (always 70 years)

The CPFs used in the assessment were obtained from OEHHA guidance. The cancer risk is calculated separately for the students and staff, because of age differences in sensitivity to carcinogens and age differences in intake rates. The final step converts the cancer risk in scientific notation to a whole number that expresses the cancer risk in "chances per million" by multiplying the cancer risk by a factor of 1×10^6 (i.e., 1 million).

CARB's HARP2 Risk Assessment Standalone Tool was used to calculate the cancer risk values from modeled emission sources (CARB, 2019). The determined cancer risks attributed to each chemical exposure and summation of those risks are presented in Appendix E.

6.2 NON-CARCINOGENIC HAZARDS

An evaluation was conducted for the potential non-cancer effects of chronic and acute chemical exposures. Adverse health effects are evaluated by comparing the annual receptor level ground level concentration of each chemical compound with the appropriate Reference Exposure Level (REL). Available RELs promulgated by OEHHA were considered in the assessment.

The hazard index approach was used to quantify non-carcinogenic impacts. The hazard index assumes that chronic and acute sub-threshold exposures adversely affect a specific organ or organ system (toxicological endpoint). Target organs presented in regulatory guidance were used for each discrete chemical exposure. Each chemical concentration or dose is divided by the appropriate toxicity value to calculate the hazard index. The ratios are summed for compounds affecting the same toxicological endpoint. A health hazard is presumed to exist where the total equals or exceeds one.

CARB's HARP2 Risk Assessment Standalone Tool was used to calculate the chronic, 8-hour, and acute (1-hour) health risk values from modeling emission sources (CARB, 2019), and the determined hazard indices are provided in Appendix E.

6.3 ACCIDENTAL RELEASES

Under the auspices of the California Accidental Release Prevention (CalARP) Program, a Risk Management Plan (RMP) is required to be conducted pursuant to the provisions of the federal Accidental Release Prevention program (Title 40, Code of Federal Regulations, Part 68) Article 2, Chapter 6.95 of the Health and Safety Code. The RMP is only required should a stationary source use more than a threshold quantity of a regulated hazardous substance, and includes a risk assessment of accidental releases.

A review of the available information collected during the source identification process (e.g., regulatory records review and interviews with business owner/operators) did not reveal the presence of any CalARP program facilities within 0.25 mile of the proposed site (The Right-to-Know Network, 2018).

6. Risk Characterizations

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7. Results and Conclusions

The results of the health risk assessment are provided in Table 4. The excess cancer risk was calculated to be 1.8 per million for adult school staff and 7.1 per million for students. In comparison to the threshold level of 10 in a million, carcinogenic risks are below the significance threshold value for both school staff and students. It should be noted that the summed risk for students is conservative as the risks from the screening level evaluation for residential receptors were added to the refined modeling results for middle school students. As described in Section 4.1, cancer risks for middle school students would be less than the predicted screening level risks for 5-year residential receptors due to differences in the exposure duration, daily exposure frequency, and age sensitivity factors.

For non-carcinogenic effects, the chronic hazard index identified for each toxicological endpoint totaled less than one for both school staff and students. Therefore, chronic non-carcinogenic hazards are below the significance threshold. Additionally, the acute 1-hour and 8-hour non-carcinogenic hazards were also below the significance thresholds.

Table 4 Health Risk Assessment Results

Source	Cancer Risk (per million)		Chronic Hazard Index	Acute (1-Hour) Hazard Index	8-Hour Hazard Index
	Staff Exposure	Student Exposure			
Refined Modeling					
3 Seoul Garden	0.06	0.002	<0.001	<0.001	<0.001
4a City National Bank (gen)	0.08	0.05	<0.001	n/a	n/a
5 Rodeo Mexican Grill	0.2	0.008	<0.001	<0.001	<0.001
Screening Evaluation					
1 Mobil Gas Station	0.3	0.02	<0.001	<0.001	<0.001
4 City Nat. Bank	0.4	3.1	0.001	n/a	n/a
6 Arco Gas Station	0.2	2.7	<0.001	<0.001	<0.001
7 La Curacao Bus. Center	0.5	1.2	0.040	0.070	<0.001
8 Las Torres Apartments	0.04	0.04	0.040	0.002	<0.001
Summed, all Sources	1.8	7.1	0.081	0.072	<0.001
South Coast AQMD Threshold	10	10	1.0	1.0	1.0
Exceeds Threshold	**No**	**No**	**No**	**No**	**No**

Source: CARB HARP2 (2019) and South Coast AQMD Rule 1401 Screening Calculator (2017).

Based on a comparison to the carcinogenic and non-carcinogenic thresholds established by OEHHA and South Coast AQMD, hazardous air emissions generated from the emission sources within a quarter-mile radius are not anticipated to pose an actual or potential endangerment to students and staff occupying the project site and no mitigation measures are required.

7. Results and Conclusions

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8. References

California Air Resources Board (CARB). 2019. Hotspots Analysis and Report Program (HARP2), Risk Assessment Standalone Tool (RAST), Version 19044.

Office of Environmental Health Hazard Assessment (OEHHA). 2015, February. *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Health Risk Assessments.*

The Right-to-Know Network. 2018. The Right-to-Know Network, hosted by the Houston Chronicle, accessed on October 23, 2020 at https://rtk.rjifuture.org/.

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———. 2010-2011, 2014-2016. *Data Set for Central LA Meteorological Station.*

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8. References

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Appendix A. Stationary Emission Sources

Stationary Emission Sources
1700 W. Olympic Boulevard
Health Risk Assessment

No.	FACILITY	AQMD ID	ADDRESS			CITY	ZIP	NOTES
1	Mobil Gas Station	174742	958	S. Alvarado	St	Los Angeles	90006	Gasoline dispensing
2	El Pollo Loco	65231	1934	W. Olympic	Blvd	Los Angeles	90006	Charbroiler (omitted due to distance)
3	Seoul Garden	178203	1833	W. Olympic	Bvd	Los Angeles	90006	Charbroiler
4	City National Bank	137083	1801	W. Olympic	Blvd	Los Angeles	90006	Emergency generators (4)
5	Rodeo Mexican Grill	157312	1721	W. Olympic	Bvd	Los Angeles	90015	Charbroiler
6	Arco Gas Station	177976	1600	W. Olympic	Blvd	Los Angeles	90015	Gasoline dispensing
7	La Curacao Business Center	137966	1605	W. Olympic	Bvd	Los Angeles	90015	Natural gas boilers (3), generators (natural gas and diesel)
8	Las Torres Apartments	125817	944	S. Grattan	St	Los Angeles	90015	Natural gas boiler
9	Loyoloa Law School	121009	919	S. Albany	St	Los Angeles	90015	2 Charbroilers (omitted due to distance)
10	La Adelita Food	75699	1287	S. Union	St	Los Angeles	90015	Charbroiler (omitted due to distance)
Omitted Facilities								
	La Curacao Business Center	137966	1605	W. Olympic	Bvd	Los Angeles	90015	Gasoline fueled emergency generator (de minimis emissions during M&O); Generator permit no. G57838 restricts M&O to non-school hours
	Las Torres Apartments	125817	944	S. Grattan	St	Los Angeles	90015	generator permit no. F90803 restricts M&O to non-school hours
	Loyoloa Law School	121009	919	S. Albany	St	Los Angeles	90015	3 emergency generators, permits restrict M&O to non-shool hours

Appendix B. Emission Rate Calculations

Appendix

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GASOLINE DISPENSING SERVICE STATION

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

AN:	174742
Facility Name:	Mobil Gas Station
Deem Complete Date:	

Storage Tank Type	Underground		MET Station	Central L.A.	
Annual Throughput	7.8	million gallons /year	Distance to Resident	360	meter
T-BACT	YES		Distance to Commercial	360	meter

MICR Calculation: MICR = MICR per 1 Million gallons/yr x Annual Throughput (Million gallons/yr)

HIA & HIC Calculation: Negligible compared to Cancer risk and is not calculated.

MICR Result

	Resident	Commercial
MICR	0.264	0.019
MICR ≤ 10	**PASS**	**PASS**

Interpolation for MICR from Nearest Distances

	Residential			**Commercial**		
	near	**actual**	far	near	**actual**	far
Distance (meter)	300	**360**	500	300	**360**	500
MICR (per 1 million gasoline gallon throughput per year)	0.041	**0.0338**	0.017	0.003	**0.002**	0.001

Look up from Table 12 - MICR for Underground Storage Tank

		Downwind Distance (m)							
Station	**Receptor**	**25**	**50**	**75**	**100**	**200**	**300**	**500**	**1000**
Central L.A.	Resident	2.484	0.876	0.455	0.287	0.085	0.041	0.017	0.005
	Commercial	0.205	0.072	0.038	0.024	0.007	0.003	0.001	

ENTER OPERATIONAL PARAMETERS IN THE HIGHLIGHTED YELLOW CELLS

TIER 1/TIER 2 SCREENING RISK ASSESSMENT DATA INPUT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Application Deemed Complete Date	10/20/20
A/N	137083
Facility Name	City National Bank

1. Stack Data	**Input**	**Units**
Hours/Day	1	hrs/day
Days/Week	1	days/wk
Weeks/Year	50	wks/yr
Control Efficiency	0.000	
Does source have T-BACT?	NO	
Source type (Point or Volume)	P	P or V
Stack Height or Building Height	14	feet
Building Area	5000	ft^2
Distance-Residential	145	meters
Distance-Commercial	145	meters
Meteorological Station	Central L.A.	
Project Duration (Short term options: 2, 5, or 9 years; Else 30 years)	5	years

Conversion Units (select units Fr

From

1 feet

To

0.3048 meter

Source Type	Diesel ICE
Screening Mode (**NO** = Tier 1 or Tier 2; **YES** = Tier 3)	NO

FOR SOURCE TYPE OTHER THAN BOILER, CREMATORY, ICE, PRESSURE WASHER, OR SPRAY BOOTH, FILL IN THE USER DEFINED TABLE BELOW

Fac Name: City National Bank A/N: 137083

TAC Code	Compound	Emission Rate (lbs/hr)	Molecular Weight	R1 - Uncontrolled (lbs/hr)	Efficiency Factor (Fraction range 0-1)	R2- Controlled (lbs/hr)

DIESEL ENGINE DATA **A/N 137083, City Nat**

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Engine Horse Power	276	bhp
Engine Year Built	2003	
Generator Engine ?	YES	
Emission Factor from applicant or engine manufacturer's specification (*)		g/bhp-hr
EPA's PM non-road exhaust emission standards (**)	0.15	g/bhp-hr

Compound	R1 (Uncontrolled) (lbs/hr) (***)	Efficiency	R2 (Controlled) (lbs/hr)
Particulate Emissions from Diesel-Fueled Engines	9.12E-02	0.1	8.21E-02

(*) From applicant or engine manufaturer's specifications.

(**) From EPA non-road engine exhaust emission standards for Diesel ICE based on engine HP, engine year built and engine type. (http://www.arb.ca.gov/msprog/offroad/offroad.htm & http://www.epa.gov/otaq/standards/nonroad/nonroadci.htm)

(***) Uncontrolled emission R1 is calculated as followed:
R1 = Engine Power [BHP] x Emission Factor [g/BHP-hr] x 1 lb/454 g

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/20/2020

A/N 137083, City National Bank

Equipment Type	Diesel ICE		No T-BACT
Nearest Receptor Distance (actual)	145	meters	Engine Horse Power: 276 BHP
Receptor Distance (Table 1 Emission look up)	100	meters	Engine Year Built: 2003
			Generator Engine? YES

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
1.02E+01	
FAILED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Particulate Emissions from Diesel-Fueled Engines	4.10E+00	8.21E-02	4.04E-01		1.02E+01	
TOTAL (APPLICATION SCREENING INDEX)					**1.02E+01**	

EMISSIONS ARE ENTERED ON THE EMISSIONS WORKSHEET OR ON ONE OF EQUIPMENT WORKSHEETS

INPUT PARAMETERS ENTERED ON THE EMISSIONS SHEET ARE USED FOR TIERS 1 AND TIER 2 ANALYSES

TIER 2 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

A/N: 137083 **Fac:** City National Bank **Application deemed complete date:** 10/20/2020

1. Stack Data

Equipment Type	Diesel ICE	Engine Horse Power: 276 BHP
		Engine Year Built: 2003
		Generator Engine? YES
Combustion Eff	0.0	Engine Emission Factor: 0.15 g/bhp-hr
	No T-BACT	
Operation Schedule	1 hrs/day	
	1 days/week	
	50 weeks/year	
Stack Height	14 ft	
Distance to Residential	145 m	
Distance to Commercial	145 m	
Meteorological Station	Central L.A.	

2. Tier 2 Data

Dispersion Factors tables	Point Source
For Chronic X/Q	Table 10
For Acute X/Q max	Table 10.6

Dilution Factors

Receptor	X/Q (µg/m³)/(tons/yr)	X/Qmax (µg/m³)/(lbs/hr)
Residential	1.29	44.98
Commercial - Worker	1.29	53.45

Intake and Adjustment Factors

	Residential	Worker
Year of Exposure	5	
Combined Exposure Factor (CEF) - Table 4	389.23	11.17
Worker Adjustment Factor (WAF) - Table 5	1	4.20

A/N: 137083 Application deemed complete date: 10/20/20

3. Rule 1401 Compound Data

Compound	R1 - Uncontrolled (lbs/hr)	R2 - Controlled (lbs/hr)	CP $(mg/kg\text{-}day)^{-1}$	MP MICR Resident	MP MICR Worker	MP Chronic Resident	MP Chronic Worker	REL Chronic (µg/m³)	REL 8-hr Chronic (µg/m³)	REL Acute (µg/m³)	MWAF
Particulate Emissions from Diesel-Fueled En	9.12E-02	8.21E-02	1.10E+00	1.00	1.00	1.00	1.00	5.00E+00			1

A/N: 137083 **Application deemed complete date:** 10/20/20

4. Emission Calculations

Compound	R1 (lbs/hr)	R2 (lbs/hr)	R1 (lbs/day)	R2 (lbs/day)	R2 (lbs/yr)	R2 (tons/yr)
Particulate Emissions from Diesel-Fueled En	9.12E-02	8.21E-02	9.12E-02	8.21E-02	4.10E+00	2.05E-03
Total	**9.12E-02**	**8.21E-02**	**9.12E-02**	**8.21E-02**	**4.10E+00**	**2.05E-03**

TIER 2 RESULTS

A/N: 137083 **Application deemed complete date:** 10/20/20

5a. MICR

MICR Resident = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Resident * CEF Resident * MP Resident * 1e-6 * MWAF

MICR Worker = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Worker * CEF Worker* MP Worker* WAF Worker* 1e-6 * MWAF

Compound	Residential	Commercial
Particulate Emissions from Diesel-Fueled En	1.13E-06	1.37E-07
Total	**1.13E-06**	**1.37E-07**
	FAIL	**PASS**

5b. Is Cancer Burden Calculation Needed (MICR >1E-6)?	**YES**
New X/Q at which $MICR_{70yr}$ is one-in-a-million [(µg/m³)/(tons/yr)]:	5.78E-01
New Distance, interpolated from X/Q table using New X/Q (meter):	189.51
Zone Impact Area (km²):	1.13E-01
Zone of Impact Population (7000 person/km²):	7.90E+02
Cancer Burden:	**1.76E-03**
Cancer Burden is less than or equal to 0.5	**PASS**

6. Hazard Index Summary **A/N:** 137083 **Application deemed complete date:** 10/20/20

HIA = [Q(lb/hr) * (X/Q)max * MWAF]/ Acute REL

HIC = [Q(ton/yr) * (X/Q) * MP * MWAF] / Chronic REL

HIC 8-hr= [Q(ton/yr) * (X/Q) * WAF * MWAF] / 8-hr Chronic REL

Target Organs	Acute	Chronic	8-hr Chronic	Acute Pass/Fail	Chronic Pass/Fail	8-hr Chronic Pass/Fail
Alimentary system (liver) - AL			N/A	Pass	Pass	Pass
Bones and teeth - BN			N/A	Pass	Pass	Pass
Cardiovascular system - CV			N/A	Pass	Pass	Pass
Developmental - DEV			N/A	Pass	Pass	Pass
Endocrine system - END			N/A	Pass	Pass	Pass
Eye			N/A	Pass	Pass	Pass
Hematopoietic system - HEM			N/A	Pass	Pass	Pass
Immune system - IMM			N/A	Pass	Pass	Pass
Kidney - KID			N/A	Pass	Pass	Pass
Nervous system - NS			N/A	Pass	Pass	Pass
Reproductive system - REP			N/A	Pass	Pass	Pass
Respiratory system - RESP		5.29E-04	N/A	Pass	Pass	Pass
Skin			N/A	Pass	Pass	Pass

A/N: 137083 Application deemed complete date: 10/20/20

6b. Hazard Index Chronic - Resident

HIC = [Q(ton/yr) * (X/Q) Resident * MP Chronic Resident * MWAF] / Chronic REL

	HIC - Residential												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												5.29E-04	
Total												5.29E-04	

A/N: 137083 Application deemed complete date: 10/20/20

6b. Hazard Index Chronic - Worker

HIC = [Q(ton/yr) * (X/Q) * MP Chronic Worker * MWAF] / Chronic REL

	HIC - Commercial												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												5.29E-04	
Total												5.29E-04	

DIESEL ENGINE DATA **A/N 137083, City Nat**

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Engine Horse Power	415	bhp
Engine Year Built	2003	
Generator Engine ?	YES	
Emission Factor from applicant or engine manufacturer's specification (*)		g/bhp-hr
EPA's PM non-road exhaust emission standards (**)	0.15	g/bhp-hr

Compound	R1 (Uncontrolled) (lbs/hr) (***)	Efficiency	R2 (Controlled) (lbs/hr)
Particulate Emissions from Diesel-Fueled Engines	1.37E-01	0.1	1.23E-01

(*) From applicant or engine manufaturer's specifications.

(**) From EPA non-road engine exhaust emission standards for Diesel ICE based on engine HP, engine year built and engine type. (http://www.arb.ca.gov/msprog/offroad/offroad.htm & http://www.epa.gov/otaq/standards/nonroad/nonroadci.htm)

(***) Uncontrolled emission R1 is calculated as followed:
R1 = Engine Power [BHP] x Emission Factor [g/BHP-hr] x 1 lb/454 g

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/20/2020

A/N 137083, City National Bank

Equipment Type	Diesel ICE		No T-BACT
Nearest Receptor Distance (actual)	145	meters	Engine Horse Power: 415 BHP
Receptor Distance (Table 1 Emission look up)	100	meters	Engine Year Built: 2003
			Generator Engine? YES

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
1.53E+01	
FAILED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Particulate Emissions from Diesel-Fueled Engines	6.17E+00	1.23E-01	4.04E-01		1.53E+01	
TOTAL (APPLICATION SCREENING INDEX)					**1.53E+01**	

EMISSIONS ARE ENTERED ON THE EMISSIONS WORKSHEET OR ON ONE OF EQUIPMENT WORKSHEETS

INPUT PARAMETERS ENTERED ON THE EMISSIONS SHEET ARE USED FOR TIERS 1 AND TIER 2 ANALYSES

TIER 2 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

A/N: 137083 **Fac:** City National Bank **Application deemed complete date:** 10/20/2020

1. Stack Data

Equipment Type	Diesel ICE	Engine Horse Power: 415 BHP
		Engine Year Built: 2003
		Generator Engine? YES
Combustion Eff	0.0	Engine Emission Factor: 0.15 g/bhp-hr
	No T-BACT	
Operation Schedule	1 hrs/day	
	1 days/week	
	50 weeks/year	
Stack Height	14 ft	
Distance to Residential	145 m	
Distance to Commercial	145 m	
Meteorological Station	Central L.A.	

2. Tier 2 Data

Dispersion Factors tables	Point Source
For Chronic X/Q	Table 10
For Acute X/Q max	Table 10.6

Dilution Factors

Receptor	X/Q (µg/m³)/(tons/yr)	X/Qmax (µg/m³)/(lbs/hr)
Residential	0.86	26.80
Commercial - Worker	0.86	22.49

Intake and Adjustment Factors

	Residential	Worker
Year of Exposure	5	
Combined Exposure Factor (CEF) - Table 4	389.23	11.17
Worker Adjustment Factor (WAF) - Table 5	1	4.20

A/N: 137083 Application deemed complete date: 10/20/20

3. Rule 1401 Compound Data

Compound	R1 - Uncontrolled (lbs/hr)	R2 - Controlled (lbs/hr)	CP $(mg/kg\text{-}day)^{-1}$	MP MICR Resident	MP MICR Worker	MP Chronic Resident	MP Chronic Worker	REL Chronic (µg/m³)	REL 8-hr Chronic (µg/m³)	REL Acute (µg/m³)	MWAF
Particulate Emissions from Diesel-Fueled En	1.37E-01	1.23E-01	1.10E+00	1.00	1.00	1.00	1.00	5.00E+00			1

A/N: 137083

Application deemed complete date: 10/20/20

4. Emission Calculations

Compound	R1 (lbs/hr)	R2 (lbs/hr)	R1 (lbs/day)	R2 (lbs/day)	R2 (lbs/yr)	R2 (tons/yr)
Particulate Emissions from Diesel-Fueled En	1.37E-01	1.23E-01	1.37E-01	1.23E-01	6.17E+00	3.09E-03
Total	**1.37E-01**	**1.23E-01**	**1.37E-01**	**1.23E-01**	**6.17E+00**	**3.09E-03**

TIER 2 RESULTS

A/N: 137083

Application deemed complete date: 10/20/20

5a. MICR

MICR Resident = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Resident * CEF Resident * MP Resident * 1e-6 * MWAF

MICR Worker = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Worker * CEF Worker* MP Worker* WAF Worker* 1e-6 * MWAF

Compound	Residential	Commercial
Particulate Emissions from Diesel-Fueled En	1.14E-06	1.37E-07
Total	**1.14E-06**	**1.37E-07**
	FAIL	**PASS**

5b. Is Cancer Burden Calculation Needed (MICR >1E-6)?	**YES**
New X/Q at which $MICR_{70yr}$ is one-in-a-million [(µg/m³)/(tons/yr)]:	3.84E-01
New Distance, interpolated from X/Q table using New X/Q (meter):	194.40
Zone Impact Area (km²):	1.19E-01
Zone of Impact Population (7000 person/km²):	8.31E+02
Cancer Burden:	**1.87E-03**
Cancer Burden is less than or equal to 0.5	**PASS**

6. Hazard Index Summary **A/N:** 137083 **Application deemed complete date:** 10/20/20

HIA = [Q(lb/hr) * (X/Q)max * MWAF]/ Acute REL
HIC = [Q(ton/yr) * (X/Q) * MP * MWAF] / Chronic REL
HIC 8-hr= [Q(ton/yr) * (X/Q) * WAF * MWAF] / 8-hr Chronic REL

Target Organs	Acute	Chronic	8-hr Chronic	Acute Pass/Fail	Chronic Pass/Fail	8-hr Chronic Pass/Fail
Alimentary system (liver) - AL			N/A	Pass	Pass	Pass
Bones and teeth - BN			N/A	Pass	Pass	Pass
Cardiovascular system - CV			N/A	Pass	Pass	Pass
Developmental - DEV			N/A	Pass	Pass	Pass
Endocrine system - END			N/A	Pass	Pass	Pass
Eye			N/A	Pass	Pass	Pass
Hematopoietic system - HEM			N/A	Pass	Pass	Pass
Immune system - IMM			N/A	Pass	Pass	Pass
Kidney - KID			N/A	Pass	Pass	Pass
Nervous system - NS			N/A	Pass	Pass	Pass
Reproductive system - REP			N/A	Pass	Pass	Pass
Respiratory system - RESP		5.33E-04	N/A	Pass	Pass	Pass
Skin			N/A	Pass	Pass	Pass

A/N: 137083 Application deemed complete date: 10/20/20

6b. Hazard Index Chronic - Resident

HIC = [Q(ton/yr) * (X/Q) Resident * MP Chronic Resident * MWAF] / Chronic REL

	HIC - Residential												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												5.33E-04	
Total												5.33E-04	

A/N: 137083 Application deemed complete date: 10/20/20

6b. Hazard Index Chronic - Worker

HIC = [Q(ton/yr) * (X/Q) * MP Chronic Worker * MWAF] / Chronic REL

	HIC - Commercial												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												5.33E-04	
Total												5.33E-04	

DIESEL ENGINE DATA **A/N 137083, City Nat**

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Engine Horse Power	805	bhp
Engine Year Built	2003	
Generator Engine ?	YES	
Emission Factor from applicant or engine manufacturer's specification (*)		g/bhp-hr
EPA's PM non-road exhaust emission standards (**)	0.15	g/bhp-hr

Compound	R1 (Uncontrolled) (lbs/hr) (***)	Efficiency	R2 (Controlled) (lbs/hr)
Particulate Emissions from Diesel-Fueled Engines	2.66E-01	0.1	2.39E-01

(*) From applicant or engine manufaturer's specifications.

(**) From EPA non-road engine exhaust emission standards for Diesel ICE based on engine HP, engine year built and engine type. (http://www.arb.ca.gov/msprog/offroad/offroad.htm & http://www.epa.gov/otaq/standards/nonroad/nonroadci.htm)

(***) Uncontrolled emission R1 is calculated as followed:

R1 = Engine Power [BHP] x Emission Factor [g/BHP-hr] x 1 lb/454 g

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/20/2020

A/N 137083, City National Bank

Equipment Type	Diesel ICE		No T-BACT
Nearest Receptor Distance (actual)	145	meters	Engine Horse Power: 805 BHP
Receptor Distance (Table 1 Emission look up)	100	meters	Engine Year Built: 2003
			Generator Engine? YES

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
2.96E+01	
FAILED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Particulate Emissions from Diesel-Fueled Engines	1.20E+01	2.39E-01	4.04E-01		2.96E+01	
TOTAL (APPLICATION SCREENING INDEX)					**2.96E+01**	

EMISSIONS ARE ENTERED ON THE EMISSIONS WORKSHEET OR ON ONE OF EQUIPMENT WORKSHEETS

INPUT PARAMETERS ENTERED ON THE EMISSIONS SHEET ARE USED FOR TIERS 1 AND TIER 2 ANALYSES

TIER 2 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

A/N: 137083 **Fac:** City National Bank **Application deemed complete date:** 10/20/2020

1. Stack Data

Equipment Type	Diesel ICE	Engine Horse Power: 805 BHP
		Engine Year Built: 2003
		Generator Engine? YES
Combustion Eff	0.0	Engine Emission Factor: 0.15 g/bhp-hr
	No T-BACT	
Operation Schedule	1 hrs/day	
	1 days/week	
	50 weeks/year	
Stack Height	14 ft	
Distance to Residential	145 m	
Distance to Commercial	145 m	
Meteorological Station	Central L.A.	

2. Tier 2 Data

Dispersion Factors tables	Point Source
For Chronic X/Q	Table 10
For Acute X/Q max	Table 10.6

Dilution Factors

Receptor	X/Q (µg/m³)/(tons/yr)	X/Qmax (µg/m³)/(lbs/hr)
Residential	0.36	15.07
Commercial - Worker	0.36	10.99

Intake and Adjustment Factors

	Residential	Worker
Year of Exposure	5	
Combined Exposure Factor (CEF) - Table 4	389.23	11.17
Worker Adjustment Factor (WAF) - Table 5	1	4.20

A/N: 137083 Application deemed complete date: 10/20/20

3. Rule 1401 Compound Data

Compound	R1 - Uncontrolled (lbs/hr)	R2 - Controlled (lbs/hr)	CP $(mg/kg\text{-}day)^{-1}$	MP MICR Resident	MP MICR Worker	MP Chronic Resident	MP Chronic Worker	REL Chronic (µg/m³)	REL 8-hr Chronic (µg/m³)	REL Acute (µg/m³)	MWAF
Particulate Emissions from Diesel-Fueled En	2.66E-01	2.39E-01	1.10E+00	1.00	1.00	1.00	1.00	5.00E+00			1

4. Emission Calculations

Compound	R1 (lbs/hr)	R2 (lbs/hr)	R1 (lbs/day)	R2 (lbs/day)	R2 (lbs/yr)	R2 (tons/yr)
Particulate Emissions from Diesel-Fueled En	2.66E-01	2.39E-01	2.66E-01	2.39E-01	1.20E+01	5.98E-03
Total	**2.66E-01**	**2.39E-01**	**2.66E-01**	**2.39E-01**	**1.20E+01**	**5.98E-03**

TIER 2 RESULTS

A/N: 137083 Application deemed complete date: 10/20/20

5a. MICR

MICR Resident = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Resident * CEF Resident * MP Resident * 1e-6 * MWAF

MICR Worker = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Worker * CEF Worker* MP Worker* WAF Worker* 1e-6 * MWAF

Compound	Residential	Commercial
Particulate Emissions from Diesel-Fueled En	9.26E-07	1.12E-07
Total	**9.26E-07**	**1.12E-07**
	PASS	**PASS**

5b. Is Cancer Burden Calculation Needed (MICR >1E-6)? **NO**

New X/Q at which $MICR_{70yr}$ is one-in-a-million [(µg/m³)/(tons/yr)]:
New Distance, interpolated from X/Q table using New X/Q (meter):
Zone Impact Area (km²):
Zone of Impact Population (7000 person/km²):
Cancer Burden:

6. Hazard Index Summary **A/N:** 137083 **Application deemed complete date:** 10/20/20

HIA = [Q(lb/hr) * (X/Q)max * MWAF]/ Acute REL

HIC = [Q(ton/yr) * (X/Q) * MP * MWAF] / Chronic REL

HIC 8-hr= [Q(ton/yr) * (X/Q) * WAF * MWAF] / 8-hr Chronic REL

Target Organs	Acute	Chronic	8-hr Chronic	Acute Pass/Fail	Chronic Pass/Fail	8-hr Chronic Pass/Fail
Alimentary system (liver) - AL			N/A	Pass	Pass	Pass
Bones and teeth - BN			N/A	Pass	Pass	Pass
Cardiovascular system - CV			N/A	Pass	Pass	Pass
Developmental - DEV			N/A	Pass	Pass	Pass
Endocrine system - END			N/A	Pass	Pass	Pass
Eye			N/A	Pass	Pass	Pass
Hematopoietic system - HEM			N/A	Pass	Pass	Pass
Immune system - IMM			N/A	Pass	Pass	Pass
Kidney - KID			N/A	Pass	Pass	Pass
Nervous system - NS			N/A	Pass	Pass	Pass
Reproductive system - REP			N/A	Pass	Pass	Pass
Respiratory system - RESP		4.33E-04	N/A	Pass	Pass	Pass
Skin			N/A	Pass	Pass	Pass

A/N: 137083 Application deemed complete date: 10/20/20

6b. Hazard Index Chronic - Resident

HIC = [Q(ton/yr) * (X/Q) Resident * MP Chronic Resident * MWAF] / Chronic REL

	HIC - Residential												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												4.33E-04	
Total												4.33E-04	

A/N: 137083 Application deemed complete date: 10/20/20

6b. Hazard Index Chronic - Worker

HIC = [Q(ton/yr) * (X/Q) * MP Chronic Worker * MWAF] / Chronic REL

	HIC - Commercial												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												4.33E-04	
Total												4.33E-04	

GASOLINE DISPENSING SERVICE STATION

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

AN:	177976
Facility Name:	Arco Gas Station
Deem Complete Date:	

Storage Tank Type	Underground		MET Station	Central L.A.	
Annual Throughput	6	million gallons /year	Distance to Resident	76	meter
T-BACT	YES		Distance to Commercial	76	meter

MICR Calculation: MICR = MICR per 1 Million gallons/yr x Annual Throughput (Million gallons/yr)

HIA & HIC Calculation: Negligible compared to Cancer risk and is not calculated.

MICR Result

	Resident	Commercial
MICR	2.690	0.225
MICR ≤ 10	**PASS**	**PASS**

Interpolation for MICR from Nearest Distances

	Residential			**Commercial**		
	near	**actual**	far	near	**actual**	far
Distance (meter)	75	**76**	100	75	**76**	100
MICR (per 1 million gasoline gallon throughput per year)	0.455	**0.4483**	0.287	0.038	**0.037**	0.024

Look up from Table 12 - MICR for Underground Storage Tank

		Downwind Distance (m)							
Station	**Receptor**	**25**	**50**	**75**	**100**	**200**	**300**	**500**	**1000**
Central L.A.	Resident	2.484	0.876	0.455	0.287	0.085	0.041	0.017	0.005
	Commercial	0.205	0.072	0.038	0.024	0.007	0.003	0.001	

ENTER OPERATIONAL PARAMETERS IN THE HIGHLIGHTED YELLOW CELLS

TIER 1/TIER 2 SCREENING RISK ASSESSMENT DATA INPUT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Application Deemed Complete Date	10/21/20
A/N	137966
Facility Name	La Curacao Business Ctr

1. Stack Data	**Input**	**Units**
Hours/Day	24	hrs/day
Days/Week	7	days/wk
Weeks/Year	52	wks/yr
Control Efficiency	0.000	
Does source have T-BACT?	NO	
Source type (Point or Volume)	P	P or V
Stack Height or Building Height	100	feet
Building Area	5000	ft^2
Distance-Residential	62	meters
Distance-Commercial	62	meters
Meteorological Station	Central L.A.	
Project Duration (Short term options: 2, 5, or 9 years; Else 30 years)	5	years

Conversion Units (select units Fr

From

1	feet

To

0.3048	meter

Source Type	Boiler
Screening Mode (**NO** = Tier 1 or Tier 2; **YES** = Tier 3)	NO

FOR SOURCE TYPE OTHER THAN BOILER, CREMATORY, ICE, PRESSURE WASHER, OR SPRAY BOOTH, FILL IN THE USER DEFINED TABLE BELOW

Fac Name: La Curacao Business Ctr A/N: 137966

TAC Code	Compound	Emission Rate (lbs/hr)	Molecular Weight	R1 - Uncontrolled (lbs/hr)	Efficiency Factor (Fraction range 0-1)	R2- Controlled (lbs/hr)

NATURAL GAS BOILER DATA **A/N 137966, La Curacao Business Ctr**

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Max burner rating	5.62	MMBtu/hr
Equipment w/ SNCR, SCR, or OTHER	OTHER	
Fuel HHV	1050	btu/ft³
Fuel rate	5.35E+03	ft³/hr
MMCF fuel rate	5.35E-03	mmcf/hr

Compound *	EF (*) (lbs/mmcf)	R1 (Uncontrolled) (lbs/hr)	R2 (Controlled) (lbs/hr)	Toxic NSR Entry (E-06 lbs/hr)	
				R1 (Uncontrolled)	R2 (Controlled)
Acetaldehyde	4.30E-03	2.30E-05	2.30E-05	23.02	23.02
Acrolein	2.70E-03	1.45E-05	1.45E-05	14.45	14.45
Ammonia	3.20E+00	1.71E-02	1.71E-02	17,127.62	17,127.62
Benzene	8.00E-03	4.28E-05	4.28E-05	42.82	42.82
Ethyl Benzene	9.50E-03	5.08E-05	5.08E-05	50.85	50.85
Formaldehyde	1.70E-02	9.10E-05	9.10E-05	90.99	90.99
n-Hexane	6.30E-03	3.37E-05	3.37E-05	33.72	33.72
Polycyclic Aromatic Hydrocarbon (PAH)	1.00E-04	5.35E-07	5.35E-07	0.54	0.54
Naphthalene	3.00E-04	1.61E-06	1.61E-06	1.61	1.61
Toluene	3.66E-02	1.96E-04	1.96E-04	195.90	195.90
Xylenes (Mixed Isomers)	2.72E-02	1.46E-04	1.46E-04	145.58	145.58

* Data from AB2588 Reporting Procedure - Dec 2014

Compound *
Acetaldehyde
Acrolein
Ammonia
Benzene (including from gasoline)
Ethyl benzene
Formaldehyde
Hexane (n-)
Polycyclic Aromatic Hydrocarbons (PAHs)
Napthalene
Toluene (methyl benzene)
Xylenes (isomers and mixtures)

* Data from AB2588 Reporting Proc

CONTROL
SNCR
SCR
OTHER

Note: Select "OTHER" when there is no co

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/21/2020

A/N 137966, La Curacao Business Ctr

Equipment Type	Boiler		No T-BACT
Nearest Receptor Distance (actual)	62	meters	Burner Rating: 5.62 MMBtu/hr
Receptor Distance (Table 1 Emission look up)	50	meters	Control Type: OTHER
			Fuel HHV: 1050 btu/ft³

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
4.36E-01	2.62E-02
PASSED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Acetaldehyde	2.01E-01	2.30E-05	1.94E+01	2.59E-01	1.04E-02	8.89E-05
Acrolein	1.26E-01	1.45E-05	2.19E+01	1.38E-03	5.76E-03	1.05E-02
Ammonia	1.50E+02	1.71E-02	2.62E+04	1.76E+00	5.71E-03	9.73E-03
Benzene	3.74E-01	4.28E-05	1.94E+00	1.49E-02	1.93E-01	2.87E-03
Ethyl Benzene	4.44E-01	5.08E-05	2.22E+01		2.00E-02	
Formaldehyde	7.95E-01	9.10E-05	9.22E+00	3.03E-02	8.62E-02	3.00E-03
n-Hexane	2.95E-01	3.37E-05	9.18E+05		3.21E-07	
Polycyclic Aromatic Hydrocarbon (PAH)	4.68E-03	5.35E-07	4.41E-02		1.06E-01	
Naphthalene	1.40E-02	1.61E-06	1.61E+00		8.71E-03	
Toluene	1.71E+00	1.96E-04	3.93E+04	2.04E+01	4.35E-05	9.60E-06
Xylenes (Mixed Isomers)	1.27E+00	1.46E-04	9.18E+04	1.21E+01	1.39E-05	1.20E-05
TOTAL (APPLICATION SCREENING INDEX)					**4.36E-01**	**2.62E-02**

ENTER OPERATIONAL PARAMETERS IN THE HIGHLIGHTED YELLOW CELLS

TIER 1/TIER 2 SCREENING RISK ASSESSMENT DATA INPUT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Application Deemed Complete Date	10/21/20
A/N	137966
Facility Name	La Curacao Business Ctr

1. Stack Data	**Input**	**Units**
Hours/Day	1	hrs/day
Days/Week	1	days/wk
Weeks/Year	34	wks/yr
Control Efficiency	0.000	
Does source have T-BACT?	NO	
Source type (Point or Volume)	P	P or V
Stack Height or Building Height	25	feet
Building Area	5000	ft^2
Distance-Residential	120	meters
Distance-Commercial	120	meters
Meteorological Station	Central L.A.	
Project Duration (Short term options: 2, 5, or 9 years; Else 30 years)	5	years

Conversion Units (select units Fr

From

1 feet

To

0.3048 meter

Source Type	Diesel ICE
Screening Mode (**NO** = Tier 1 or Tier 2; **YES** = Tier 3)	NO

FOR SOURCE TYPE OTHER THAN BOILER, CREMATORY, ICE, PRESSURE WASHER, OR SPRAY BOOTH, FILL IN THE USER DEFINED TABLE BELOW

Fac Name: La Curacao Business Ctr A/N: 137966

TAC Code	Compound	Emission Rate (lbs/hr)	Molecular Weight	R1 - Uncontrolled (lbs/hr)	Efficiency Factor (Fraction range 0-1)	R2- Controlled (lbs/hr)

DIESEL ENGINE DATA **A/N 137966, La Cura**

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Engine Horse Power	208	bhp
Engine Year Built	2011	
Generator Engine ?	YES	
Emission Factor from applicant or engine manufacturer's specification (*)		g/bhp-hr
EPA's PM non-road exhaust emission standards (**)	0.15	g/bhp-hr

Compound	R1 (Uncontrolled) (lbs/hr) (***)	Efficiency	R2 (Controlled) (lbs/hr)
Particulate Emissions from Diesel-Fueled Engines	6.87E-02	0.1	6.19E-02

(*) From applicant or engine manufaturer's specifications.

(**) From EPA non-road engine exhaust emission standards for Diesel ICE based on engine HP, engine year built and engine type. (http://www.arb.ca.gov/msprog/offroad/offroad.htm & http://www.epa.gov/otaq/standards/nonroad/nonroadci.htm)

(***) Uncontrolled emission R1 is calculated as followed:

R1 = Engine Power [BHP] x Emission Factor [g/BHP-hr] x 1 lb/454 g

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/21/2020

A/N 137966, La Curacao Business Ctr

Equipment Type	Diesel ICE		No T-BACT
Nearest Receptor Distance (actual)	120	meters	Engine Horse Power: 208 BHP
Receptor Distance (Table 1 Emission look up)	100	meters	Engine Year Built: 2011
			Generator Engine? YES

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
5.21E+00	
FAILED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Particulate Emissions from Diesel-Fueled Engines	2.10E+00	6.19E-02	4.04E-01		5.21E+00	
TOTAL (APPLICATION SCREENING INDEX)					**5.21E+00**	

EMISSIONS ARE ENTERED ON THE EMISSIONS WORKSHEET OR ON ONE OF EQUIPMENT WORKSHEETS

INPUT PARAMETERS ENTERED ON THE EMISSIONS SHEET ARE USED FOR TIERS 1 AND TIER 2 ANALYSES

TIER 2 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

A/N: 137966 **Fac:** La Curacao Business Ctr **Application deemed complete date:** 10/21/2020

1. Stack Data

Equipment Type	Diesel ICE	Engine Horse Power: 208 BHP
		Engine Year Built: 2011
		Generator Engine? YES
Combustion Eff	0.0	Engine Emission Factor: 0.15 g/bhp-hr
	No T-BACT	
Operation Schedule	1 hrs/day	
	1 days/week	
	34 weeks/year	
Stack Height	25 ft	
Distance to Residential	120 m	
Distance to Commercial	120 m	
Meteorological Station	Central L.A.	

2. Tier 2 Data

Dispersion Factors tables	Point Source
For Chronic X/Q	Table 10
For Acute X/Q max	Table 10.6

Dilution Factors

Receptor	X/Q (µg/m³)/(tons/yr)	X/Qmax (µg/m³)/(lbs/hr)
Residential	1.69	53.63
Commercial - Worker	1.69	63.32

Intake and Adjustment Factors

	Residential	Worker
Year of Exposure	5	
Combined Exposure Factor (CEF) - Table 4	389.23	11.17
Worker Adjustment Factor (WAF) - Table 5	1	4.20

A/N: 137966 Application deemed complete date: 10/21/20

3. Rule 1401 Compound Data

Compound	R1 - Uncontrolled (lbs/hr)	R2 - Controlled (lbs/hr)	CP $(mg/kg\text{-}day)^{-1}$	MP MICR Resident	MP MICR Worker	MP Chronic Resident	MP Chronic Worker	REL Chronic (µg/m³)	REL 8-hr Chronic (µg/m³)	REL Acute (µg/m³)	MWAF
Particulate Emissions from Diesel-Fueled En	6.87E-02	6.19E-02	1.10E+00	1.00	1.00	1.00	1.00	5.00E+00			1

4. Emission Calculations

Compound	R1 (lbs/hr)	R2 (lbs/hr)	R1 (lbs/day)	R2 (lbs/day)	R2 (lbs/yr)	R2 (tons/yr)
Particulate Emissions from Diesel-Fueled En	6.87E-02	6.19E-02	6.87E-02	6.19E-02	2.10E+00	1.05E-03
Total	**6.87E-02**	**6.19E-02**	**6.87E-02**	**6.19E-02**	**2.10E+00**	**1.05E-03**

TIER 2 RESULTS

A/N: 137966 Application deemed complete date: 10/21/20

5a. MICR

MICR Resident = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Resident * CEF Resident * MP Resident * 1e-6 * MWAF

MICR Worker = CP (mg/(kg-day))^-1 * Q (ton/yr) * (X/Q) Worker * CEF Worker* MP Worker* WAF Worker* 1e-6 * MWAF

Compound	Residential	Commercial
Particulate Emissions from Diesel-Fueled En	7.61E-07	9.17E-08
Total	**7.61E-07**	**9.17E-08**
	PASS	**PASS**

5b. Is Cancer Burden Calculation Needed (MICR >1E-6)? **NO**

New X/Q at which $MICR_{70yr}$ is one-in-a-million [(µg/m³)/(tons/yr)]:
New Distance, interpolated from X/Q table using New X/Q (meter):
Zone Impact Area (km²):
Zone of Impact Population (7000 person/km²):
Cancer Burden:

6. Hazard Index Summary **A/N:** 137966 **Application deemed complete date:** 10/21/20

HIA = [Q(lb/hr) * (X/Q)max * MWAF]/ Acute REL

HIC = [Q(ton/yr) * (X/Q) * MP * MWAF] / Chronic REL

HIC 8-hr= [Q(ton/yr) * (X/Q) * WAF * MWAF] / 8-hr Chronic REL

Target Organs	Acute	Chronic	8-hr Chronic	Acute Pass/Fail	Chronic Pass/Fail	8-hr Chronic Pass/Fail
Alimentary system (liver) - AL			N/A	Pass	Pass	Pass
Bones and teeth - BN			N/A	Pass	Pass	Pass
Cardiovascular system - CV			N/A	Pass	Pass	Pass
Developmental - DEV			N/A	Pass	Pass	Pass
Endocrine system - END			N/A	Pass	Pass	Pass
Eye			N/A	Pass	Pass	Pass
Hematopoietic system - HEM			N/A	Pass	Pass	Pass
Immune system - IMM			N/A	Pass	Pass	Pass
Kidney - KID			N/A	Pass	Pass	Pass
Nervous system - NS			N/A	Pass	Pass	Pass
Reproductive system - REP			N/A	Pass	Pass	Pass
Respiratory system - RESP		3.55E-04	N/A	Pass	Pass	Pass
Skin			N/A	Pass	Pass	Pass

A/N: 137966 Application deemed complete date: 10/21/20

6b. Hazard Index Chronic - Resident

HIC = [Q(ton/yr) * (X/Q) Resident * MP Chronic Resident * MWAF] / Chronic REL

	HIC - Residential												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												3.55E-04	
Total												3.55E-04	

A/N: 137966 Application deemed complete date: 10/21/20

6b. Hazard Index Chronic - Worker

HIC = [Q(ton/yr) * (X/Q) * MP Chronic Worker * MWAF] / Chronic REL

	HIC - Commercial												
Compound	AL	BN	CV	DEV	END	EYE	HEM	IMM	KID	NS	REP	RESP	SKIN
Particulate Emissions from Diesel-Fueled En												3.55E-04	
Total												3.55E-04	

ENTER OPERATIONAL PARAMETERS IN THE HIGHLIGHTED YELLOW CELLS

TIER 1/TIER 2 SCREENING RISK ASSESSMENT DATA INPUT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Application Deemed Complete Date	10/21/20
A/N	137966
Facility Name	La Curacao Business Ctr

1. Stack Data	**Input**	**Units**
Hours/Day	1	hrs/day
Days/Week	1	days/wk
Weeks/Year	50	wks/yr
Control Efficiency	0.000	
Does source have T-BACT?	NO	
Source type (Point or Volume)	P	P or V
Stack Height or Building Height	25	feet
Building Area	5000	ft^2
Distance-Residential	120	meters
Distance-Commercial	120	meters
Meteorological Station	Central L.A.	
Project Duration (Short term options: 2, 5, or 9 years; Else 30 years)	5	years

Conversion Units (select units Fr

From

1 feet

To

0.3048 meter

Source Type	Lean Burn ICE
Screening Mode (**NO** = Tier 1 or Tier 2; **YES** = Tier 3)	NO

FOR SOURCE TYPE OTHER THAN BOILER, CREMATORY, ICE, PRESSURE WASHER, OR SPRAY BOOTH, FILL IN THE USER DEFINED TABLE BELOW

Fac Name: La Curacao Business Ctr A/N: 137966

TAC Code	Compound	Emission Rate (lbs/hr)	Molecular Weight	R1 - Uncontrolled (lbs/hr)	Efficiency Factor (Fraction range 0-1)	R2- Controlled (lbs/hr)

Engine Horse Power	107	bhp
Equipment with SNCR, SCR, or OTHER	OTHER	
Engine efficiency (37% default)	0.37	
Fuel rate for nat gas (actual if available)		
HHV-Natural gas	1050	btu/ft³
Conversion factor to btu/hr	2544.5	btu/hr
Fuel rate nat gas (default)	700.8018018	ft³/hr

Pollutant	Control Efficiency
PAHs	0.977
VOCs	0.977

Compound	EF (lbs/mmbtu)	EF (lbs/mmcf)	R1 (Uncontrolled) (lbs/hr)	R2 (Controlled) (lbs/hr)	NSR Data Entry (E-06 lbs/hr)	
					R1 (Uncontrolled)	R2 (Controlled)
Benzene	4.28E-04	4.49E-01	3.15E-04	7.24E-06	3.15E+02	7.24E+00
1,3-Butadiene	2.59E-04	2.72E-01	1.91E-04	4.38E-06	1.91E+02	4.38E+00
Carbon Tetrachloride (Tetrachloromethane)	3.56E-05	3.74E-02	2.62E-05	6.03E-07	2.62E+01	6.03E-01
Ethylene Dibromide (1,2-Dibromoethane)	4.30E-05	4.52E-02	3.17E-05	7.29E-07	3.17E+01	7.29E-01
Ethylene Dichloride (1,2-Dichloroethane)	2.30E-05	2.41E-02	1.69E-05	3.88E-07	1.69E+01	3.88E-01
Formaldehyde	5.13E-02	5.39E+01	3.78E-02	8.69E-04	3.78E+04	8.69E+02
Methylene Chloride (Dichloromethane)	1.94E-05	2.04E-02	1.43E-05	3.29E-07	1.43E+01	3.29E-01
Benz(a)Anthracene						
Benzo(a)Pyrene						
Benzo(b)Fluoranthene	1.61E-07	1.69E-04	1.18E-07	2.72E-09	1.18E-01	2.72E-03
Benzo(k)Fluoranthene						
Chrysene	6.73E-07	7.07E-04	4.95E-07	1.14E-08	4.95E-01	1.14E-02
Indeno(1,2,3-c,d)Pyrene						
Naphthalene	7.23E-05	7.59E-02	5.32E-05	1.22E-06	5.32E+01	1.22E+00
Vinyl Chloride (Chloroethylene)	1.45E-05	1.52E-02	1.07E-05	2.45E-07	1.07E+01	2.45E-01
1,1,2,2-Tetrachloroethane	3.89E-05	4.08E-02	2.86E-05	6.58E-07	2.86E+01	6.58E-01
1,1,2-Trichloroethane (Vinyl Trichloride)	3.09E-05	3.24E-02	2.27E-05	5.22E-07	2.27E+01	5.22E-01
Acetaldehyde	8.12E-03	8.53E+00	5.98E-03	1.37E-04	5.98E+03	1.37E+02
Acrolein	4.99E-03	5.24E+00	3.67E-03	8.45E-05	3.67E+03	8.45E+01
Ammonia	3.05E-03	3.20E+00	2.24E-03	5.16E-05	2.24E+03	5.16E+01
Chloroform	2.77E-05	2.91E-02	2.04E-05	4.69E-07	2.04E+01	4.69E-01
Ethyl Benzene	3.86E-05	4.05E-02	2.84E-05	6.53E-07	2.84E+01	6.53E-01
n-Hexane	1.08E-03	1.13E+00	7.92E-04	1.82E-05	1.82E+01	1.82E+07
Methanol	2.43E-03	2.55E+00	1.79E-03	4.11E-05	4.11E+01	4.11E+07
Styrene	2.30E-05	2.41E-02	1.69E-05	3.88E-07	3.88E-01	3.88E+05
Toluene	3.96E-04	4.16E-01	2.92E-04	6.71E-06	6.71E+00	6.71E+06
Xylenes (Mixed Isomers)	1.79E-04	1.88E-01	1.32E-04	3.03E-06	3.03E+00	3.03E+06

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/21/2020

A/N 137966, La Curacao Business Ctr

Equipment Type	Lean Burn ICE		No T-BACT
Nearest Receptor Distance (actual)	120	meters	Engine Horse Power: 107 BHP
Receptor Distance (Table 1 Emission look up)	100	meters	Control Type: OTHER
			Engine efficiency : 0.37

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
2.75E-03	3.64E-02
PASSED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Benzene	3.62E-04	7.24E-06	4.44E+00	3.73E-02	8.15E-05	1.94E-04
1,3-Butadiene	2.19E-04	4.38E-06	7.41E-01	9.11E-01	2.96E-04	4.81E-06
Carbon Tetrachloride (Tetrachloromethane)	3.01E-05	6.03E-07	2.96E+00	2.62E+00	1.02E-05	2.30E-07
Ethylene Dibromide (1,2-Dibromoethane)	3.64E-05	7.29E-07	1.78E+00		2.05E-05	
Ethylene Dichloride (1,2-Dichloroethane)	1.94E-05	3.88E-07	6.17E+00		3.15E-06	
Formaldehyde	4.34E-02	8.69E-04	2.12E+01	7.59E-02	2.05E-03	1.14E-02
Methylene Chloride (Dichloromethane)	1.64E-05	3.29E-07	1.27E+02	1.93E+01	1.29E-07	1.70E-08
Benz(a)Anthracene			4.93E-02			
Benzo(a)Pyrene			4.93E-03			
Benzo(b)Fluoranthene	1.36E-07	2.72E-09	4.93E-02		2.76E-06	
Benzo(k)Fluoranthene			4.93E-02			
Chrysene	5.70E-07	1.14E-08	4.93E-01		1.16E-06	
Indeno(1,2,3-c,d)Pyrene			4.93E-02			
Naphthalene	6.12E-05	1.22E-06	3.70E+00		1.65E-05	
Vinyl Chloride (Chloroethylene)	1.23E-05	2.45E-07	1.65E+00	2.48E+02	7.42E-06	9.88E-10
1,1,2,2-Tetrachloroethane	3.29E-05	6.58E-07	2.22E+00		1.48E-05	
1,1,2-Trichloroethane (Vinyl Trichloride)	2.61E-05	5.22E-07	7.79E+00		3.35E-06	
Acetaldehyde	6.87E-03	1.37E-04	4.44E+01	6.49E-01	1.55E-04	2.12E-04
Acrolein	4.22E-03	8.45E-05	5.02E+01	3.45E-03	8.41E-05	2.45E-02
Ammonia	2.58E-03	5.16E-05	6.02E+04	4.42E+00	4.28E-08	1.17E-05
Chloroform	2.35E-05	4.69E-07	2.34E+01	2.07E-01	1.00E-06	2.27E-06
Ethyl Benzene	3.26E-05	6.53E-07	5.11E+01		6.39E-07	
n-Hexane	9.11E-04	1.82E-05	2.11E+06		4.32E-10	
Methanol	2.06E-03	4.11E-05	1.20E+06	3.86E+01	1.71E-09	1.06E-06
Styrene	1.94E-05	3.88E-07	2.71E+05	2.90E+01	7.17E-11	1.34E-08
Toluene	3.35E-04	6.71E-06	9.03E+04	5.11E+01	3.71E-09	1.31E-07
Xylenes (Mixed Isomers)	1.52E-04	3.03E-06	2.11E+05	3.04E+01	7.18E-10	9.97E-08
TOTAL (APPLICATION SCREENING INDEX)					**2.75E-03**	**3.64E-02**

ENTER OPERATIONAL PARAMETERS IN THE HIGHLIGHTED YELLOW CELLS

TIER 1/TIER 2 SCREENING RISK ASSESSMENT DATA INPUT

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Application Deemed Complete Date	10/21/20
A/N	125817
Facility Name	Las Torres Apartments

1. Stack Data	**Input**	**Units**
Hours/Day	24	hrs/day
Days/Week	7	days/wk
Weeks/Year	52	wks/yr
Control Efficiency	0.000	
Does source have T-BACT?	NO	
Source type (Point or Volume)	P	P or V
Stack Height or Building Height	80	feet
Building Area	5000	ft^2
Distance-Residential	250	meters
Distance-Commercial	250	meters
Meteorological Station	Central L.A.	
Project Duration (Short term options: 2, 5, or 9 years; Else 30 years)	5	years

Conversion Units (select units Fr

From

1 feet

To

0.3048 meter

Source Type	Boiler
Screening Mode (**NO** = Tier 1 or Tier 2; **YES** = Tier 3)	NO

FOR SOURCE TYPE OTHER THAN BOILER, CREMATORY, ICE, PRESSURE WASHER, OR SPRAY BOOTH, FILL IN THE USER DEFINED TABLE BELOW

Fac Name: Las Torres Apartments A/N: 125817

TAC Code	Compound	Emission Rate (lbs/hr)	Molecular Weight	R1 - Uncontrolled (lbs/hr)	Efficiency Factor (Fraction range 0-1)	R2- Controlled (lbs/hr)

NATURAL GAS BOILER DATA **A/N 125817, Las Torres Apartments**

(Procedure Version 8.1 & Package N, September 1, 2017) - Risk Tool V1.103

Max burner rating	1.1	MMBtu/hr
Equipment w/ SNCR, SCR, or OTHER	OTHER	
Fuel HHV	1050	btu/ft³
Fuel rate	1.05E+03	ft³/hr
MMCF fuel rate	1.05E-03	mmcf/hr

Compound *	EF (*) (lbs/mmcf)	R1 (Uncontrolled) (lbs/hr)	R2 (Controlled) (lbs/hr)	Toxic NSR Entry (E-06 lbs/hr)	
				R1 (Uncontrolled)	R2 (Controlled)
Acetaldehyde	4.30E-03	4.50E-06	4.50E-06	4.50	4.50
Acrolein	2.70E-03	2.83E-06	2.83E-06	2.83	2.83
Ammonia	3.20E+00	3.35E-03	3.35E-03	3,352.38	3,352.38
Benzene	8.00E-03	8.38E-06	8.38E-06	8.38	8.38
Ethyl Benzene	9.50E-03	9.95E-06	9.95E-06	9.95	9.95
Formaldehyde	1.70E-02	1.78E-05	1.78E-05	17.81	17.81
n-Hexane	6.30E-03	6.60E-06	6.60E-06	6.60	6.60
Polycyclic Aromatic Hydrocarbon (PAH)	1.00E-04	1.05E-07	1.05E-07	0.10	0.10
Naphthalene	3.00E-04	3.14E-07	3.14E-07	0.31	0.31
Toluene	3.66E-02	3.83E-05	3.83E-05	38.34	38.34
Xylenes (Mixed Isomers)	2.72E-02	2.85E-05	2.85E-05	28.50	28.50

* Data from AB2588 Reporting Procedure - Dec 2014

Compound *
Acetaldehyde
Acrolein
Ammonia
Benzene (including from gasoline)
Ethyl benzene
Formaldehyde
Hexane (n-)
Polycyclic Aromatic Hydrocarbons (PAHs)
Napthalene
Toluene (methyl benzene)
Xylenes (isomers and mixtures)

* Data from AB2588 Reporting Proc

CONTROL
SNCR
SCR
OTHER

Note: Select "OTHER" when there is no co

TIER 1 SCREENING RISK ASSESSMENT REPORT

(Procedure Version 8.1 & Package N, September 1, 2017)

Application deemed complete date: 10/21/2020

A/N 125817, Las Torres Apartments

Equipment Type	Boiler		No T-BACT
Nearest Receptor Distance (actual)	250	meters	Burner Rating: 1.1 MMBtu/hr
Receptor Distance (Table 1 Emission look up)	100	meters	Control Type: OTHER
			Fuel HHV: 1050 btu/ft³

Tier 1 Results	
Cancer/Chronic ASI	**Acute ASI**
3.83E-02	2.05E-03
PASSED	PASSED

APPLICATION SCREENING INDEX CALCULATION

Compound	Average Annual Emission Rate (lbs/yr)	Max Hourly Emission Rate (lbs/hr)	Cancer/Chronic Pollutant Screening Level (lbs/yr) from Table 1	Acute Pollutant Screening Level (lbs/hr) from Table 1	Cancer/Chronic Pollutant Screening Index (PSI)	Acute Pollutant Screening Index (PSI)
Acetaldehyde	3.94E-02	4.50E-06	4.44E+01	6.49E-01	8.86E-04	6.94E-06
Acrolein	2.47E-02	2.83E-06	5.02E+01	3.45E-03	4.92E-04	8.20E-04
Ammonia	2.93E+01	3.35E-03	6.02E+04	4.42E+00	4.86E-04	7.58E-04
Benzene	7.32E-02	8.38E-06	4.44E+00	3.73E-02	1.65E-02	2.25E-04
Ethyl Benzene	8.69E-02	9.95E-06	5.11E+01		1.70E-03	
Formaldehyde	1.56E-01	1.78E-05	2.12E+01	7.59E-02	7.34E-03	2.35E-04
n-Hexane	5.77E-02	6.60E-06	2.11E+06		2.73E-08	
Polycyclic Aromatic Hydrocarbon (PAH)	9.15E-04	1.05E-07	9.00E-02		1.02E-02	
Naphthalene	2.75E-03	3.14E-07	3.70E+00		7.42E-04	
Toluene	3.35E-01	3.83E-05	9.03E+04	5.11E+01	3.71E-06	7.50E-07
Xylenes (Mixed Isomers)	2.49E-01	2.85E-05	2.11E+05	3.04E+01	1.18E-06	9.37E-07
TOTAL (APPLICATION SCREENING INDEX)					**3.83E-02**	**2.05E-03**

Source 3
Seoul Garden
1833 W. Olympic Blvd.
Los Angeles, CA 90006

Operation: Charbroiler, under-fired

	hours	days	weeks
Temporal Profile:	8.0	4	52
	9.0	2	52

Average Pounds of Meat: (1)		
Meat	180	lbs/week
Poultry	180	lbs/week
Seafood	142	lbs/week
Emission Factors: (1)		
ROG Emission Rate, Meat	0.86	lbs/1000 lbs meat
ROG Emission Rate, Poultry	0.40	lbs/1000 lbs meat
ROG Emission Rate, Seafood	0.38	lbs/1000 lbs meat
Emissions:		
ROG Emissions, Meat	0.15	lbs/week
	3.10E-03	lbs/hr
ROG Emissions, Poultry	0.07	lbs/week
	1.44E-03	lbs/hr
ROG Emissions, Seafood	0.05	lbs/week
	1.08E-03	lbs/hr
Total	5.62E-03	lbs/hr
	7.08E-04	**g/s**

Speciation: (2)		Compound Wt Fraction	Compound Emissions
ROG Emissions	Acetaldehyde	0.087	6.15E-05
	Benzene	0.150	1.06E-04
	Formaldehyde	0.120	8.48E-05
	Naphthalene	0.006	4.11E-06
	PAHs, total	0.017	1.19E-05
	Styrene	0.057	4.02E-05
	Toluene	0.059	4.19E-05
	Other (NOS)	0.50	3.57E-04
	Total	1.00	7.08E-04

Point Source Specifications (vertical release with rain cap):		
Stack Temperature	330	K
Stack Flowrate	9,000	cfm
Stack Diameter	1.0	ft
Stack Height	16.0	ft

Note: ROG = reactive organic gases

(1) Average pounds of meat and poultry and emission rates are based upon *Methods for Developing a National Emission Inventory* for Commercial Cooking Processes (E.H. Pechan and Associates, Inc. for USEPA, 2003).
(2) Speciation information based upon *National Emissions Inventory for Commercial Cooking* (Roe, et. al., E.H. Penchan & Associates, Inc. for USEPA, 2004).

Source 4a
City National Bank
1801 W. Olympic Blvd.
Los Angeles, CA 90006

Operation: Emergency Diesel Generator

Generator Testing Profile:	hours (O&M) (1)	School in Session hours	days	weeks
	50	8	5	36

Scalar for School Hour: 0.035

Equipment Specifications:

Equipment Used (#)	1
Brake Horsepower (bhp)	1,354
PM10 Emission Factor (g/bhp-hr) (2)	0.15
Load Factor (% / 100)	1

Emissions: **0.056 g/s**

Point Source Specifications (vertical release, hinged cap): (2)

Stack Flowrate	6,880	acfm
Stack Temperature	622	K
Stack Diameter	8.0	in
Stack Height	14.0	ft

(1) Generator testing profile from SCAQMD Permit No. G18488. Permit specifies no more than 50 hours in any one year is allowed for maintanance and testing.

(2) Generator PM exhaust parameters for CARB for standby diesel engines.

Source 5
Rodeo Mexican Grill
1721 W. Olympic Blvd.
Los Angeles, CA 90015

Operation: Charbroiler, under-fired

	hours	days	weeks
Temporal Profile:	12.5	5	52
	13.5	2	52

Average Pounds of Meat: (1)

Meat	180	lbs/week
Poultry	180	lbs/week

Emission Factors: (1)

ROG Emission Rate, Meat	0.86	lbs/1000 lbs meat
ROG Emission Rate, Poultry	0.40	lbs/1000 lbs meat

Emissions:

ROG Emissions, Meat	0.15	lbs/week
	1.73E-03	lbs/hr
ROG Emissions, Poultry	0.07	lbs/week
	8.04E-04	lbs/hr
Total	2.53E-03	lbs/hr
	3.19E-04	**g/s**

Speciation: (2)

		Compound Wt Fraction	Compound Emissions
ROG Emissions	Acetaldehyde	0.087	2.78E-05
	Benzene	0.150	4.78E-05
	Formaldehyde	0.120	3.83E-05
	Naphthalene	0.006	1.85E-06
	PAHs, total	0.017	5.38E-06
	Styrene	0.057	1.81E-05
	Toluene	0.059	1.89E-05
	Other (NOS)	0.50	1.61E-04
	Total	1.00	3.19E-04

Point Source Specifications (vertical release with rain cap):

Stack Temperature	330	K
Stack Flowrate	9,000	cfm
Stack Diameter	1.0	ft
Stack Height	16.0	ft

Note: ROG = reactive organic gases

(1) Average pounds of meat and poultry and emission rates are based upon *Methods for Developing a National Emission Inventory* for Commercial Cooking Processes (E.H. Pechan and Associates, Inc. for USEPA, 2003).

(2) Speciation information based upon *National Emissions Inventory for Commercial Cooking* (Roe, et. al., E.H. Penchan & Associates, Inc. for USEPA, 2004).

Appendix C. Model Setup

Appendix

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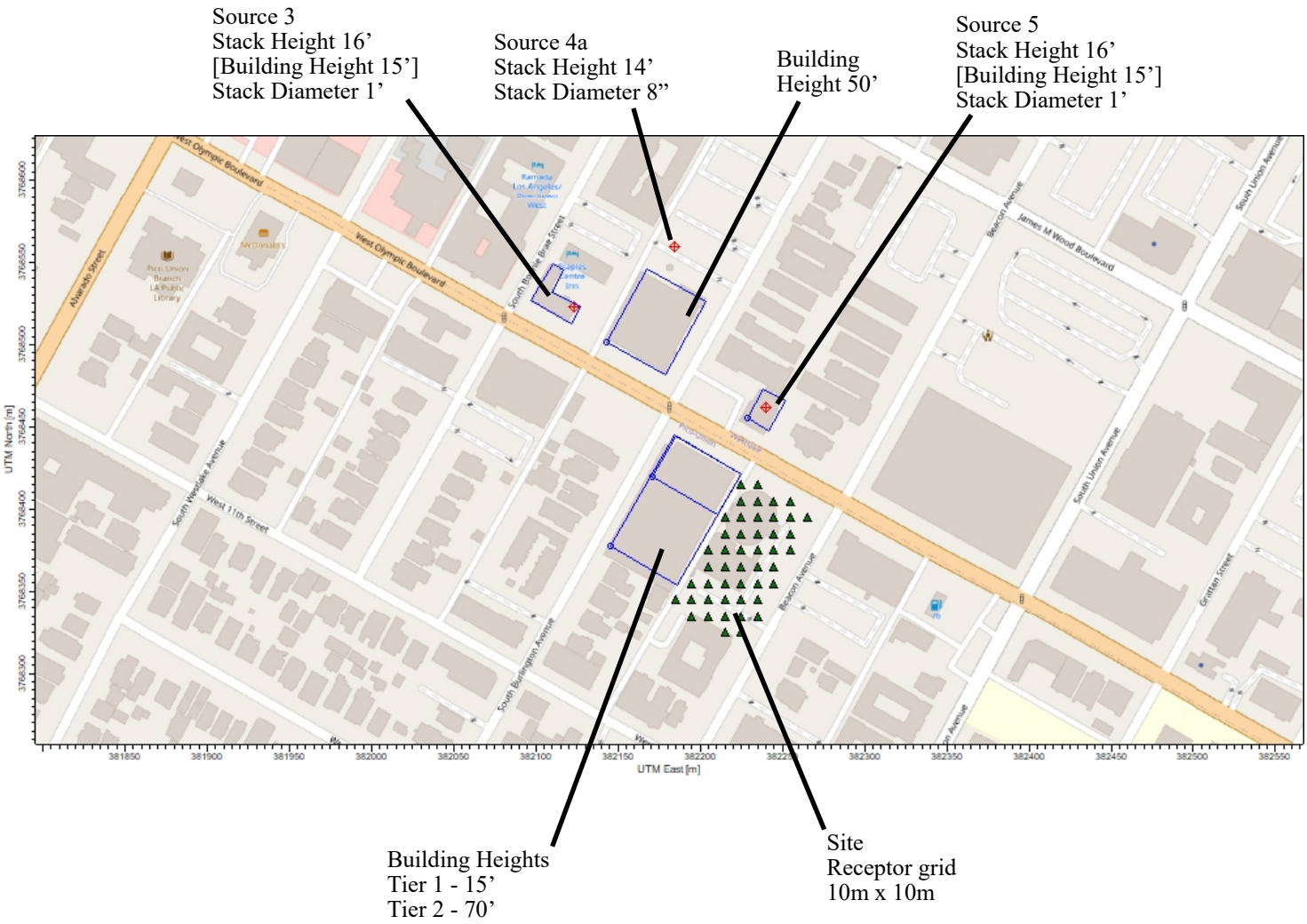
AERMOD Model Setup

Source 3: Seoul Garden
Charbroiler
Source 4a: City National Bank
Emergency Diesel Generator: 1,354 HP, maximum allowable testing of generator (50 hours per year) from South Coast AQMD permit-to-operate G18488.
Source 5: Rodeo Mexican Grill
Charbroiler

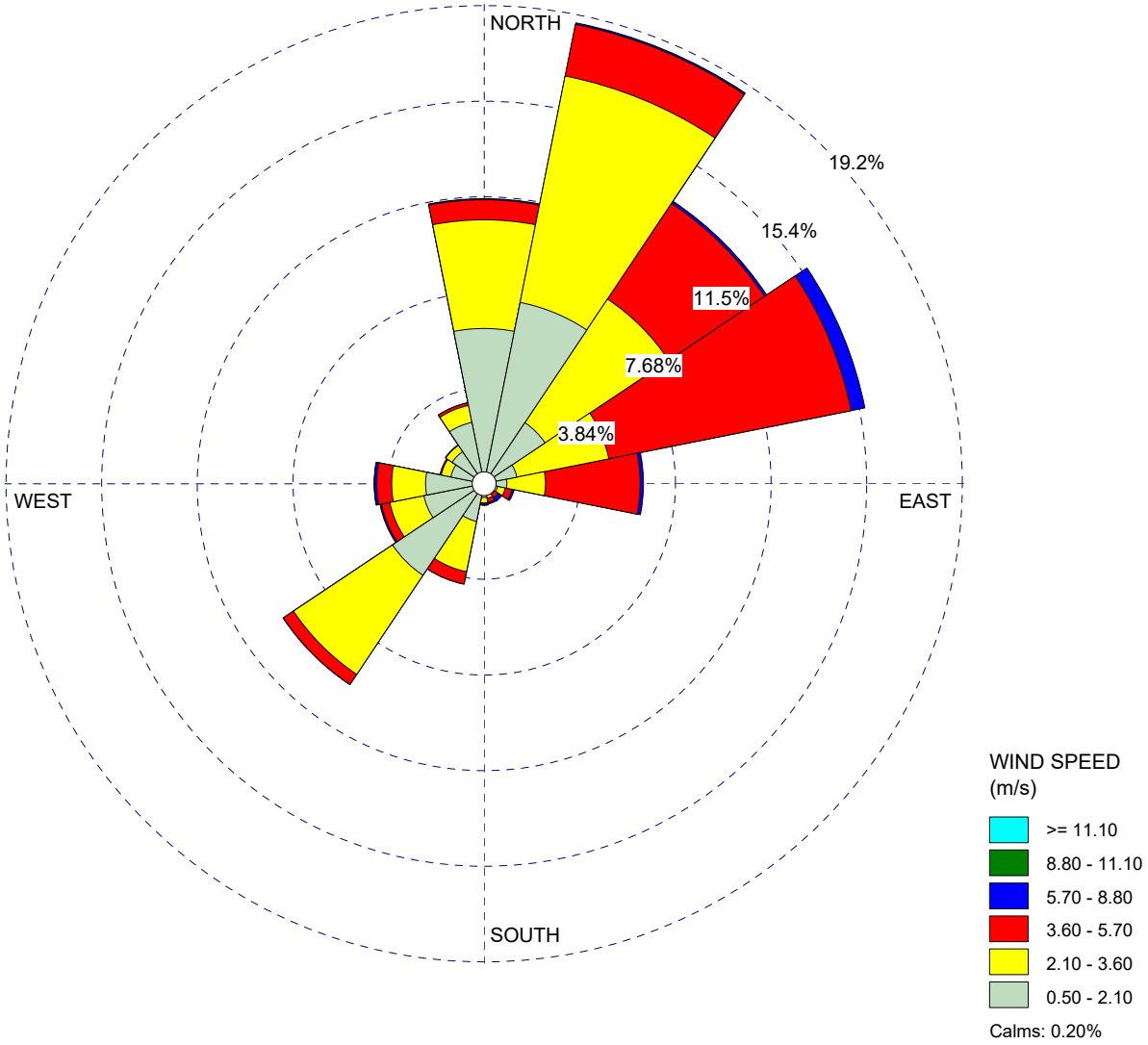


WIND ROSE PLOT:

Central LA Meteorological Station
2010-2011, 2014-2016

DISPLAY:

Wind Speed
Flow Vector (blowing to)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
School Hours (8AM-4PM)	**Start Date: 1/1/2010 - 08:00** **End Date: 12/31/2016 - 15:00**	**PlaceWorks**	
		MODELER: **SB**	
	CALM WINDS: **0.20%**	TOTAL COUNT: **14491 hrs.**	
	AVG. WIND SPEED: **2.60 m/s**	DATE: **10/20/2020**	PROJECT NO.: **BSS-12**

WRPLOT View - Lakes Environmental Software

Appendix D. Air Dispersion Model Output

Appendix

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Results Summary

1700 W. Olympic Blvd
HRA

Concentration - Source Group: 3

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	204.12244	ug/m^3	382205.01	3768374.82	78.22	0.00	78.22	2/9/2010, 16
PERIOD		1.43229	ug/m^3	382225.01	3768414.82	79.05	0.00	79.05	

Concentration - Source Group: 4A

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
PERIOD		0.02231	ug/m^3	382225.01	3768414.82	79.05	0.00	79.05	

Concentration - Source Group: 5

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	450.86907	ug/m^3	382225.01	3768414.82	79.05	0.00	79.05	10/22/2010, 16
PERIOD		10.50438	ug/m^3	382235.01	3768414.82	78.99	0.00	78.99	

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                          ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                           ***        11:02:26
                                                                                                                PAGE   1
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

**Model Is Setup For Calculation of Average CONCentration Values.

  --  DEPOSITION LOGIC  --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
**Model Uses NO WET DEPLETION.  WETDPLT  =  F

**Model Uses URBAN Dispersion Algorithm for the SBL for     3 Source(s),
  for Total of    1 Urban Area(s):
  Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

**Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

**Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of:  OTHER

**Model Calculates  1 Short Term Average(s) of:   1-HR
    and Calculates PERIOD Averages

**This Run Includes:      3 Source(s);       3 Source Group(s); and      47 Receptor(s)

               with:      3 POINT(s), including
                          2 POINTCAP(s) and      0 POINTHOR(s)
                and:      0 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)
```

Model Output
Unit Emission Rates (1 g/s)

```
**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date:  16216

**Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and Missing Hours

**Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    87.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.5 MB of RAM.

**Input Runstream File:          aermod.inp
**Output Print File:             aermod.out

**Detailed Error/Message File:   bss15.err
**File for Summary of Results:   bss15.sum
```

Model Output
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
3	0	0.10000E+01	382123.3	3768522.6	79.6	4.88	330.00	58.21	0.31	YES	YES	CAP	HRDOW
5	0	0.10000E+01	382240.3	3768461.7	80.4	4.88	330.00	58.21	0.31	YES	YES	CAP	HRDOW
4A	0	0.10000E+01	382184.3	3768559.8	81.7	4.27	622.00	100.03	0.20	YES	YES	NO	HRDOW

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                    ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                     ***        11:02:26
                                                                                                                         PAGE   3
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID                                             SOURCE IDs
-----------                                             ----------


 3          3           ,

 4A         4A          ,

 5          5           ,



*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                    ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                     ***        11:02:26
                                                                                                                         PAGE   4
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                       *** SOURCE IDs DEFINED AS URBAN SOURCES ***

 URBAN ID   URBAN POP                                   SOURCE IDs
 --------   ---------                                   ----------


             9818605.   3           , 5           , 4A          ,
```

Model Output
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: 3

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	4.6,	30.2,	33.8,	-9.8,	11.2,	2	4.6,	29.7,	30.3,	-9.7,	11.1,
3	4.6,	28.2,	25.8,	-9.3,	10.6,	4	4.6,	31.9,	26.1,	-13.2,	11.2,
5	4.6,	35.0,	26.2,	-16.9,	11.4,	6	15.2,	61.3,	64.7,	6.8,	-32.5,
7	15.2,	64.2,	65.2,	11.5,	-25.2,	8	15.2,	65.3,	63.8,	15.9,	-17.2,
9	15.2,	64.3,	60.4,	19.9,	-8.6,	10	15.2,	61.4,	55.3,	23.2,	0.2,
11	15.2,	56.6,	48.4,	25.8,	9.1,	12	15.2,	51.5,	41.8,	26.8,	17.6,
13	15.2,	57.7,	49.9,	18.9,	25.6,	14	15.2,	62.1,	56.4,	10.6,	32.8,
15	15.2,	64.7,	61.3,	1.8,	39.1,	16	4.6,	26.6,	38.0,	-29.6,	-9.5,
17	4.6,	28.7,	37.7,	-28.6,	-10.4,	18	4.6,	29.9,	36.3,	-26.7,	-11.0,
19	4.6,	30.2,	33.8,	-24.0,	-11.2,	20	4.6,	29.7,	30.3,	-20.6,	-11.1,
21	4.6,	28.2,	25.8,	-16.6,	-10.6,	22	4.6,	31.9,	26.1,	-12.9,	-11.2,
23	4.6,	35.0,	26.2,	-9.3,	-11.4,	24	15.2,	61.3,	64.7,	-71.4,	32.5,
25	15.2,	64.2,	65.2,	-76.7,	25.2,	26	15.2,	65.3,	63.8,	-79.7,	17.2,
27	15.2,	64.3,	60.4,	-80.3,	8.6,	28	15.2,	61.4,	55.3,	-78.4,	-0.2,
29	15.2,	56.6,	48.4,	-74.2,	-9.1,	30	15.2,	51.5,	41.8,	-68.6,	-17.6,
31	15.2,	57.7,	49.9,	-68.8,	-25.6,	32	21.3,	42.7,	52.7,	-152.5,	8.5,
33	21.3,	47.8,	53.9,	-152.6,	-13.5,	34	21.3,	51.4,	53.5,	-148.2,	-35.1,
35	4.6,	28.7,	37.7,	-9.1,	10.4,	36	4.6,	29.9,	36.3,	-9.6,	11.0,

SOURCE ID: 5

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	21.3,	52.8,	42.7,	-69.3,	34.7,	2	21.3,	49.9,	36.3,	-71.4,	25.9,
3	21.3,	45.6,	28.8,	-71.3,	16.2,	4	21.3,	49.9,	36.3,	-77.0,	6.1,
5	21.3,	52.7,	42.7,	-80.4,	-4.2,	6	21.3,	53.9,	47.8,	-81.3,	-14.4,
7	21.3,	53.5,	51.4,	-79.7,	-24.1,	8	21.3,	51.4,	53.5,	-75.8,	-33.1,
9	4.6,	25.2,	23.2,	-11.7,	-1.4,	10	4.6,	24.2,	21.0,	-10.4,	-1.4,
11	15.2,	56.6,	48.4,	-105.0,	26.3,	12	15.2,	51.5,	41.8,	-105.1,	11.8,
13	15.2,	57.7,	49.9,	-109.9,	-3.0,	14	15.2,	62.1,	56.4,	-111.3,	-17.7,
15	15.2,	64.7,	61.3,	-109.4,	-31.8,	16	4.6,	25.3,	24.8,	-11.1,	-0.6,
17	4.6,	24.6,	25.4,	-11.3,	-0.4,	18	4.6,	23.2,	25.2,	-11.2,	-0.2,
19	21.3,	52.8,	42.7,	26.6,	-34.7,	20	21.3,	49.9,	36.3,	35.0,	-25.9,
21	21.3,	45.6,	28.8,	42.5,	-16.2,	22	21.3,	49.9,	36.3,	40.7,	-6.1,
23	21.3,	52.7,	42.7,	37.6,	4.2,	24	21.3,	53.9,	47.8,	33.5,	14.4,
25	21.3,	53.5,	51.4,	28.3,	24.1,	26	21.3,	51.4,	53.5,	22.2,	33.1,
27	4.6,	25.2,	23.2,	-11.4,	1.4,	28	4.6,	24.2,	21.0,	-10.6,	1.4,
29	4.6,	22.5,	18.2,	-9.5,	1.4,	30	4.6,	20.6,	15.6,	-8.4,	1.3,
31	4.6,	22.9,	18.8,	-10.2,	1.2,	32	4.6,	24.4,	21.5,	-11.7,	1.0,
33	4.6,	25.3,	23.5,	-12.9,	0.8,	34	4.6,	25.3,	24.8,	-13.7,	0.6,
35	4.6,	24.6,	25.4,	-14.1,	0.4,	36	4.6,	23.2,	25.2,	-14.0,	0.2,

Model Output
Unit Emission Rates (1 g/s)

SOURCE ID: 4A

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.2,	55.3,	61.4,	-77.7,	2.9,	2	15.2,	48.4,	56.6,	-75.1,	-5.3,
3	15.2,	41.8,	51.5,	-70.9,	-13.4,	4	15.2,	49.9,	57.7,	-71.0,	-21.0,
5	15.2,	56.4,	62.1,	-68.9,	-28.0,	6	15.2,	61.3,	64.7,	-64.8,	-34.1,
7	15.2,	64.2,	65.2,	-58.6,	-39.2,	8	0.0,	0.0,	0.0,	0.0,	0.0,
9	0.0,	0.0,	0.0,	0.0,	0.0,	10	0.0,	0.0,	0.0,	0.0,	0.0,
11	0.0,	0.0,	0.0,	0.0,	0.0,	12	0.0,	0.0,	0.0,	0.0,	0.0,
13	0.0,	0.0,	0.0,	0.0,	0.0,	14	15.2,	62.1,	56.4,	-0.2,	-37.8,
15	15.2,	64.7,	61.3,	3.5,	-32.4,	16	15.2,	65.2,	64.2,	7.1,	-26.0,
17	15.2,	63.8,	65.3,	10.5,	-18.8,	18	15.2,	60.4,	64.3,	13.6,	-11.0,
19	15.2,	55.3,	61.4,	16.3,	-2.9,	20	15.2,	48.4,	56.6,	18.5,	5.3,
21	15.2,	41.8,	51.5,	19.4,	13.4,	22	15.2,	49.9,	57.7,	13.3,	21.0,
23	15.2,	56.4,	62.1,	6.8,	28.0,	24	15.2,	61.3,	64.7,	0.1,	34.1,
25	15.2,	64.2,	65.2,	-6.6,	39.2,	26	0.0,	0.0,	0.0,	0.0,	0.0,
27	0.0,	0.0,	0.0,	0.0,	0.0,	28	0.0,	0.0,	0.0,	0.0,	0.0,
29	0.0,	0.0,	0.0,	0.0,	0.0,	30	0.0,	0.0,	0.0,	0.0,	0.0,
31	0.0,	0.0,	0.0,	0.0,	0.0,	32	15.2,	62.1,	56.4,	-56.2,	37.8,
33	15.2,	64.7,	61.3,	-64.8,	32.4,	34	15.2,	65.2,	64.2,	-71.4,	26.0,
35	15.2,	63.8,	65.3,	-75.8,	18.8,	36	15.2,	60.4,	64.3,	-77.9,	11.0,

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                  ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                   ***        11:02:26
                                                                                                                         PAGE   6
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = 3            ; SOURCE TYPE = POINTCAP :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                  ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                   ***        11:02:26
                                                                                                                        PAGE   7
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = 5            ; SOURCE TYPE = POINTCAP :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                  ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                   ***        11:02:26
                                                                                                                         PAGE   8
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = 4A           ; SOURCE TYPE = POINT    :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .3500E-01   10  .3500E-01   11  .3500E-01   12  .3500E-01   13  .3500E-01   14  .3500E-01   15  .3500E-01   16  .3500E-01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

Model Output
Unit Emission Rates (1 g/s)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(382215.0,	3768324.8,	76.6,	76.6,	0.0);	(382225.0,	3768324.8,	76.6,	76.6,	0.0);
(382195.0,	3768334.8,	76.9,	76.9,	0.0);	(382205.0,	3768334.8,	77.1,	77.1,	0.0);
(382215.0,	3768334.8,	77.0,	77.0,	0.0);	(382225.0,	3768334.8,	76.9,	76.9,	0.0);
(382235.0,	3768334.8,	76.7,	76.7,	0.0);	(382185.0,	3768344.8,	77.2,	77.2,	0.0);
(382195.0,	3768344.8,	77.3,	77.3,	0.0);	(382205.0,	3768344.8,	77.3,	77.3,	0.0);
(382215.0,	3768344.8,	77.3,	77.3,	0.0);	(382225.0,	3768344.8,	77.3,	77.3,	0.0);
(382235.0,	3768344.8,	77.2,	77.2,	0.0);	(382195.0,	3768354.8,	77.5,	77.5,	0.0);
(382205.0,	3768354.8,	77.5,	77.5,	0.0);	(382215.0,	3768354.8,	77.5,	77.5,	0.0);
(382225.0,	3768354.8,	77.6,	77.6,	0.0);	(382235.0,	3768354.8,	77.6,	77.6,	0.0);
(382245.0,	3768354.8,	77.5,	77.5,	0.0);	(382205.0,	3768364.8,	77.7,	77.7,	0.0);
(382215.0,	3768364.8,	77.7,	77.7,	0.0);	(382225.0,	3768364.8,	77.9,	77.9,	0.0);
(382235.0,	3768364.8,	78.2,	78.2,	0.0);	(382245.0,	3768364.8,	78.1,	78.1,	0.0);
(382205.0,	3768374.8,	78.2,	78.2,	0.0);	(382215.0,	3768374.8,	78.3,	79.2,	0.0);
(382225.0,	3768374.8,	78.8,	78.8,	0.0);	(382235.0,	3768374.8,	78.9,	78.9,	0.0);
(382245.0,	3768374.8,	78.7,	78.7,	0.0);	(382255.0,	3768374.8,	78.3,	78.3,	0.0);
(382215.0,	3768384.8,	79.0,	79.0,	0.0);	(382225.0,	3768384.8,	79.2,	79.2,	0.0);
(382235.0,	3768384.8,	79.2,	79.2,	0.0);	(382245.0,	3768384.8,	79.1,	79.1,	0.0);
(382255.0,	3768384.8,	78.9,	78.9,	0.0);	(382215.0,	3768394.8,	78.8,	78.8,	0.0);
(382225.0,	3768394.8,	79.3,	79.3,	0.0);	(382235.0,	3768394.8,	79.3,	79.3,	0.0);
(382245.0,	3768394.8,	79.2,	79.2,	0.0);	(382255.0,	3768394.8,	79.2,	79.2,	0.0);
(382265.0,	3768394.8,	78.8,	78.8,	0.0);	(382225.0,	3768404.8,	79.3,	79.3,	0.0);
(382235.0,	3768404.8,	79.3,	79.3,	0.0);	(382245.0,	3768404.8,	79.2,	79.2,	0.0);
(382255.0,	3768404.8,	79.1,	79.1,	0.0);	(382225.0,	3768414.8,	79.0,	79.0,	0.0);
(382235.0,	3768414.8,	79.0,	79.0,	0.0);					

Model Output
Unit Emission Rates (1 g/s)


```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                          (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                        (METERS/SEC)

                                       1.54,   3.09,   5.14,   8.23,  10.80,
```

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                    ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                     ***        11:02:26
                                                                                                                          PAGE  11
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                  *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

  Surface file:   ..\met data\CELA_v9.SFC                                                          Met Version:  16216
  Profile file:   ..\met data\CELA_v9.PFL
  Surface format: FREE
  Profile format: FREE
  Surface station no.:    93134                  Upper air station no.:     3190
                 Name: UNKNOWN                                     Name: UNKNOWN
                 Year:   2010                                      Year:   2010

First 24 hours of scalar data
YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
10 01 01   1 01  -33.0  0.331 -9.000 -9.000 -999.  456.    120.2  0.56   0.86   1.00    3.10   38.   21.3  284.9   17.7
10 01 01   1 02  -26.9  0.285 -9.000 -9.000 -999.  367.     89.6  0.56   0.86   1.00    2.70   38.   21.3  284.2   17.7
10 01 01   1 03  -38.6  0.387 -9.000 -9.000 -999.  577.    164.6  0.56   0.86   1.00    3.60   35.   21.3  284.2   17.7
10 01 01   1 04  -33.0  0.331 -9.000 -9.000 -999.  458.    120.2  0.56   0.86   1.00    3.10   34.   21.3  283.8   17.7
10 01 01   1 05  -33.1  0.331 -9.000 -9.000 -999.  456.    120.2  0.56   0.86   1.00    3.10   37.   21.3  283.1   17.7
10 01 01   1 06  -38.7  0.387 -9.000 -9.000 -999.  577.    164.5  0.56   0.86   1.00    3.60   24.   21.3  283.1   17.7
10 01 01   1 07  -38.6  0.387 -9.000 -9.000 -999.  577.    164.5  0.56   0.86   1.00    3.60   35.   21.3  283.8   17.7
10 01 01   1 08  -29.6  0.435 -9.000 -9.000 -999.  688.    251.8  0.56   0.86   0.55    4.00   35.   21.3  283.8   17.7
10 01 01   1 09   30.0  0.426  0.367  0.008   59.  666.   -232.0  0.56   0.86   0.32    3.60   38.   21.3  286.4   17.7
10 01 01   1 10   72.3  0.359  0.629  0.008  124.  519.    -57.8  0.56   0.86   0.24    2.70   34.   21.3  290.4   17.7
10 01 01   1 11  104.4  0.321  0.998  0.008  344.  437.    -28.6  0.56   0.86   0.21    2.20   43.   21.3  292.5   17.7
10 01 01   1 12  115.1  0.283  1.156  0.008  484.  363.    -17.9  0.56   0.86   0.20    1.80   62.   21.3  295.9   17.7
10 01 01   1 13   91.4  0.406  1.130  0.008  568.  622.    -66.2  0.56   0.86   0.20    3.10  263.   21.3  294.2   17.7
10 01 01   1 14   89.3  0.316  1.168  0.008  642.  432.    -31.9  0.56   0.86   0.21    2.20  259.   21.3  294.9   17.7
10 01 01   1 15   42.6  0.295  0.928  0.008  675.  384.    -54.0  0.56   0.86   0.25    2.20  267.   21.3  294.9   17.7
10 01 01   1 16   12.0  0.359  0.609  0.008  680.  516.   -347.9  0.56   0.86   0.33    3.10  264.   21.3  292.5   17.7
10 01 01   1 17  -15.7  0.231 -9.000 -9.000 -999.  276.     70.7  0.56   0.86   0.60    2.20  288.   21.3  290.9   17.7
10 01 01   1 18   -6.1  0.135 -9.000 -9.000 -999.  124.     36.7  0.56   0.86   1.00    1.30  344.   21.3  289.2   17.7
10 01 01   1 19  -11.4  0.184 -9.000 -9.000 -999.  190.     49.2  0.56   0.86   1.00    1.80    2.   21.3  288.8   17.7
10 01 01   1 20  -17.4  0.229 -9.000 -9.000 -999.  263.     62.1  0.56   0.86   1.00    2.20   22.   21.3  288.1   17.7
10 01 01   1 21  -17.4  0.229 -9.000 -9.000 -999.  263.     61.9  0.56   0.86   1.00    2.20   40.   21.3  287.0   17.7
10 01 01   1 22  -11.5  0.184 -9.000 -9.000 -999.  190.     49.1  0.56   0.86   1.00    1.80  306.   21.3  287.0   17.7
10 01 01   1 23  -11.5  0.184 -9.000 -9.000 -999.  190.     49.0  0.56   0.86   1.00    1.80   45.   21.3  286.4   17.7
10 01 01   1 24  -11.5  0.184 -9.000 -9.000 -999.  190.     49.0  0.56   0.86   1.00    1.80   67.   21.3  286.4   17.7


First hour of profile data
YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
10 01 01 01   17.7 0 -999.  -99.00   284.9   99.0  -99.00  -99.00
10 01 01 01   21.3 1   38.    3.10  -999.0   99.0  -99.00  -99.00

F indicates top of profile (=1) or below (=0)
```

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                    ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                     ***        11:02:26
                                                                                                                          PAGE  18
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS ***

                                 ** CONC OF OTHER    IN MICROGRAMS/M**3                        **

                                                                                                                NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3         1ST HIGHEST VALUE IS       1.43229 AT (  382225.01,  3768414.82,    79.05,    79.05,    0.00)  DC
          2ND HIGHEST VALUE IS       1.34539 AT (  382235.01,  3768414.82,    78.99,    78.99,    0.00)  DC
          3RD HIGHEST VALUE IS       1.29271 AT (  382225.01,  3768404.82,    79.29,    79.29,    0.00)  DC
          4TH HIGHEST VALUE IS       1.23083 AT (  382215.01,  3768394.82,    78.80,    78.80,    0.00)  DC
          5TH HIGHEST VALUE IS       1.21610 AT (  382235.01,  3768404.82,    79.26,    79.26,    0.00)  DC
          6TH HIGHEST VALUE IS       1.16304 AT (  382225.01,  3768394.82,    79.27,    79.27,    0.00)  DC
          7TH HIGHEST VALUE IS       1.14474 AT (  382245.01,  3768404.82,    79.18,    79.18,    0.00)  DC
          8TH HIGHEST VALUE IS       1.10860 AT (  382215.01,  3768384.82,    79.03,    79.03,    0.00)  DC
          9TH HIGHEST VALUE IS       1.09841 AT (  382235.01,  3768394.82,    79.26,    79.26,    0.00)  DC
         10TH HIGHEST VALUE IS       1.07695 AT (  382255.01,  3768404.82,    79.11,    79.11,    0.00)  DC

4A        1ST HIGHEST VALUE IS       0.02231 AT (  382225.01,  3768414.82,    79.05,    79.05,    0.00)  DC
          2ND HIGHEST VALUE IS       0.02139 AT (  382235.01,  3768414.82,    78.99,    78.99,    0.00)  DC
          3RD HIGHEST VALUE IS       0.02059 AT (  382225.01,  3768404.82,    79.29,    79.29,    0.00)  DC
          4TH HIGHEST VALUE IS       0.01982 AT (  382235.01,  3768404.82,    79.26,    79.26,    0.00)  DC
          5TH HIGHEST VALUE IS       0.01942 AT (  382215.01,  3768394.82,    78.80,    78.80,    0.00)  DC
          6TH HIGHEST VALUE IS       0.01905 AT (  382245.01,  3768404.82,    79.18,    79.18,    0.00)  DC
          7TH HIGHEST VALUE IS       0.01892 AT (  382225.01,  3768394.82,    79.27,    79.27,    0.00)  DC
          8TH HIGHEST VALUE IS       0.01832 AT (  382235.01,  3768394.82,    79.26,    79.26,    0.00)  DC
          9TH HIGHEST VALUE IS       0.01818 AT (  382255.01,  3768404.82,    79.11,    79.11,    0.00)  DC
         10TH HIGHEST VALUE IS       0.01785 AT (  382215.01,  3768384.82,    79.03,    79.03,    0.00)  DC

5         1ST HIGHEST VALUE IS      10.50438 AT (  382235.01,  3768414.82,    78.99,    78.99,    0.00)  DC
          2ND HIGHEST VALUE IS       9.04188 AT (  382225.01,  3768414.82,    79.05,    79.05,    0.00)  DC
          3RD HIGHEST VALUE IS       8.86546 AT (  382235.01,  3768404.82,    79.26,    79.26,    0.00)  DC
          4TH HIGHEST VALUE IS       7.86153 AT (  382245.01,  3768404.82,    79.18,    79.18,    0.00)  DC
          5TH HIGHEST VALUE IS       7.80413 AT (  382225.01,  3768404.82,    79.29,    79.29,    0.00)  DC
          6TH HIGHEST VALUE IS       7.07554 AT (  382255.01,  3768404.82,    79.11,    79.11,    0.00)  DC
          7TH HIGHEST VALUE IS       6.89204 AT (  382225.01,  3768394.82,    79.27,    79.27,    0.00)  DC
          8TH HIGHEST VALUE IS       6.83868 AT (  382235.01,  3768394.82,    79.26,    79.26,    0.00)  DC
          9TH HIGHEST VALUE IS       6.33592 AT (  382215.01,  3768394.82,    78.80,    78.80,    0.00)  DC
         10TH HIGHEST VALUE IS       6.21651 AT (  382245.01,  3768394.82,    79.24,    79.24,    0.00)  DC

*** RECEPTOR TYPES:  GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR
```

Model Output
Unit Emission Rates (1 g/s)

```
 *** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                    ***        10/26/20
 *** AERMET - VERSION  16216 ***   *** HRA                                                                     ***        11:02:26
                                                                                                                            PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** THE SUMMARY OF HIGHEST  1-HR RESULTS ***


                                     ** CONC OF OTHER    IN MICROGRAMS/M**3                          **

                                                        DATE                                                                NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

3        HIGH   1ST HIGH VALUE IS     204.12244  ON 10020916: AT (  382205.01,  3768374.82,    78.22,    78.22,    0.00)  DC

4A       HIGH   1ST HIGH VALUE IS       3.83638  ON 10020916: AT (  382235.01,  3768414.82,    78.99,    78.99,    0.00)  DC

5        HIGH   1ST HIGH VALUE IS     450.86907  ON 10102216: AT (  382225.01,  3768414.82,    79.05,    79.05,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

Model Output
Unit Emission Rates (1 g/s)

```
*** AERMOD - VERSION  19191 ***   *** 1700 W. Olympic Blvd                                                    ***        10/26/20
*** AERMET - VERSION  16216 ***   *** HRA                                                                     ***        11:02:26
                                                                                                                         PAGE  20
*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            7 Warning Message(s)
A Total of          808 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of            4 Calm Hours Identified

A Total of          804 Missing Hours Identified (  1.83 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320      43        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320      44        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
SO W320      45        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186     231       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used           0.50
ME W187     231       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:      14010101
MX W450   17521       CHKDAT: Record Out of Sequence in Meteorological File at:    2 year gap

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

Appendix E. Risk Calculations

Appendix

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Table E1
MER Concentration Worksheet
Toxic Air Contaminants - Stationary Sources

Source No. (a)	Source (b)	Contaminant (c)	Weight Fraction (d)	Emission Rates[1] **Annual Avg** (g/s) (e)	AERMOD Output[2] **Annual Avg** ($\mu g/m^3$) (f)	Annual Average MER Concentration ($\mu g/m^3$) (g)	AERMOD Output[2] **1-Hour** ($\mu g/m^3$) (h)	Acute (1-Hour) MER Concentration ($\mu g/m^3$) (i)
Staff and Student Scenarios								
3	Seoul Garden (charbroiler)	Acetaldehyde	8.70E-02	7.08E-04	1.43	8.82E-05	204.1	1.26E-02
		Benzene	1.50E-01			1.52E-04		2.16E-02
		Formaldehyde	1.20E-01			1.22E-04		1.73E-02
		Naphthalene	5.81E-03			5.88E-06		8.38E-04
		PAHs, total	1.69E-02			1.71E-05		2.43E-03
		Styrene	5.68E-02			5.75E-05		8.20E-03
		Toluene	5.92E-02			6.00E-05		8.55E-03
4a	City Nat. Bank (generator)	Diesel Particulat	1.00E+00	5.64E-02	0.022	1.26E-03	n/a	
5	Rubious Mexican Grill	Acetaldehyde	8.70E-02	3.19E-04	10.50	2.92E-04	450.9	1.25E-02
		Benzene	1.50E-01			5.02E-04		2.16E-02
		Formaldehyde	1.20E-01			4.02E-04		1.73E-02
		Naphthalene	5.81E-03			1.95E-05		8.36E-04
		PAHs, total	1.69E-02			5.65E-05		2.43E-03
		Styrene	5.68E-02			1.90E-04		8.17E-03
		Toluene	5.92E-02			1.99E-04		8.53E-03
Note: Maximum Exposed Receptor (MER)						For Cancer/Chronic Calculation		For Acute Calculation

[1] Emission Rates, per source, from Source Emissions Inventories (Appendix B).

[2] AERMOD Output (Appendix D) at the maximum exposed receptor (MER) are based on unit emission rates for emission sources (1 g/s per source).

Table E2
HARP2 Results for Cancer Risk and Chronic Hazards
School Scenario

No.	Source	Contaminant	Carcinogenic Risks		Chronic Non-Cancer Risks - Toxicological Endpoints*											
			Staff	**Students**	CV	CNS	IMMUN	KIDNEY	GILV	REPRO	**RESP**	SKIN	EYE	BONE	ENDO	BLOOD
			per million	per million												
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)
3	Seoul Garden	Acetaldehyde	5.0E-05	2.9E-05							6.30E-07					
	(charbroiler)	Benzene	8.6E-04	5.0E-04												5.07E-05
		Formaldehyde	1.4E-04	8.4E-05							1.36E-05					
		Naphthalene	4.0E-05	2.3E-05							6.53E-07					
		PAHs, total	5.8E-02	2.2E-03												
		Styrene	0.0E+00	0.0E+00		6.39E-08										
		Toluene	0.0E+00	0.0E+00									1.43E-07			
4a	City Nat.Bank	Diesel Particulate	7.8E-02	4.6E-02							2.52E-04					
5	Rodeo Mexican Grill	Acetaldehyde	1.6E-04	9.6E-05							2.09E-06					
	(charbroiler)	Benzene	2.8E-03	1.7E-03												1.67E-04
		Formaldehyde	4.7E-04	2.8E-04							4.47E-05					
		Naphthalene	1.3E-04	7.7E-05							2.17E-06					
		PAHs, total	1.9E-01	7.3E-03												
		Styrene	0.0E+00	0.0E+00		2.11E-07										
		Toluene	0.0E+00	0.0E+00									4.74E-07			
		Total - All Sources	**0.33**	**0.06**	0.00E+00	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	**3.16E-04**	0.00E+00	6.17E-07	0.00E+00	0.00E+00	2.18E-04

Note: Health risks calculated using HARP2, Risk Assessment Standalone Tool, version 19044 (CARB, 2019).

Total Cancer Risk	**Staff**	**0.33**	per million
Total Cancer Risk	**Students**	**0.06**	per million
Maximum Chronic Hazard Index		**3.16E-04**	**RESP**

	Staff	MS Students	
	16 < 70 years	2 < 16 years	age bin
Dose Exposure Factors:	250	180	exposure frequency (days/year)
	230	520	8-hour inhalation rate (L/kg-8 hours) [1]
	1	1	inhalation absorption factor
Risk Calculation Factors:	1	3	age sensitivity factor
	25	3	exposure duration (years, 6-8th grade)
	70	70	averaging time (years)

[1] 8-hour inhalation rate taken as the 95th percentile breathing rates for Moderate Intensity Activities (OEHHA, 2015).

* Key to Toxicological Endpoints

CV	Cardiovascular System
CNS	Central Nervous System
IMMUN	Immune System
KIDN	Kidneys
GILV	Gastrointestinal Tract and Liver/Alimentary Tract
RESP	Respiratory System
REPRO	Reproductive System
SKIN	Skin irritation and/or other effects
EYE	Eye irritation and/or other effects
BONE	Bones and Teeth
ENDO	Endocrine System
BLOOD	Hematological System

Table E3
HARP2 Results for Acute Hazards

Source No.	Source	Contaminant	Acute Non-Cancer Risks - Toxicological Endpoints*											
			CV	CNS	IMMUN	KIDNEY	GILV	**REPRO**	RESP	SKIN	EYE	BONE	ENDO	BLOOD
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
3	Seoul Garden (charbroiler)	Acetaldehyde							2.68E-05		2.68E-05			
		Benzene			8.00E-04			8.00E-04						8.00E-04
		Formaldehyde									3.15E-04			
		Naphthalene												
		PAHs, total												
		Styrene						3.90E-07	3.90E-07		3.90E-07			
		Toluene		1.71E-06					1.71E-06		1.71E-06			
4a	City Nat.Bank	Diesel Particulate												
5	Rodeo Mexican Grill (charbroiler)	Acetaldehyde							2.66E-05		2.66E-05			
		Benzene			8.00E-04			8.00E-04						8.00E-04
		Formaldehyde									3.15E-04			
		Naphthalene												
		PAHs, total												
		Styrene						3.89E-07	3.89E-07		3.89E-07			
		Toluene		1.71E-06					1.71E-06		1.71E-06			
		Total - All Sources	0.00E+00	3.42E-06	1.60E-03	0.00E+00	0.00E+00	1.60E-03	5.76E-05	0.00E+00	6.87E-04	0.00E+00	0.00E+00	1.60E-03

Note: Staff and Student scenarios produce the same acute (1-hour) hazard indices.

Note: Health risks calculated using HARP2, Risk Assessment Standalone Tool, version 19044 (CARB, 2019).

Maximum Acute Hazard Index 1.60E-03 Repro

* Key to Toxicological Endpoints

CV	Cardiovascular System	RESP	Respiratory System
CNS	Central Nervous System	SKIN	Skin irritation and/or other effects
IMMUN	Immune System	EYE	Eye irritation and/or other effects
KIDN	Kidneys	BONE	Bones and Teeth
GILV	Gastrointestinal Tract and Liver/Alimentary Tract	ENDO	Endocrine System
REPRO	Reproductive System	BLOOD	Hematological System

Table E4
HARP2 Results for 8-Hour Hazards

Source No.	Source	Contaminant	8-Hour Non-Cancer Risks - Toxicological Endpoints*											
			CV	CNS	IMMUN	KIDNEY	GILV	REPRO	RESP	SKIN	EYE	BONE	ENDO	**BLOOD**
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
3	Seoul Garden (charbroiler)	Acetaldehyde							2.94E-07					
		Benzene												5.07E-05
		Formaldehyde							1.36E-05					
		Naphthalene												
		PAHs, total												
		Styrene												
		Toluene									7.23E-08			
4a	City Nat.Bank	Diesel Particulate												
5	Rodeo Mexican Grill (charbroiler)	Acetaldehyde							9.73E-07					
		Benzene												1.67E-04
		Formaldehyde							4.47E-05					
		Naphthalene												
		PAHs, total												
		Styrene												
		Toluene									2.40E-07			
		Total - All Sources	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05	0.00E+00	3.12E-07	0.00E+00	0.00E+00	**2.18E-04**

Note: Staff Scenario emission rates produced higher 8-hour chronic hazard indices, compared to Student Scenario emission rates.

Note: Health risks calculated using HARP2, Risk Assessment Standalone Tool, version 19044 (CARB, 2019).

Maximum 8-Hour Hazard Index 2.18E-04 Blood

* Key to Toxicological Endpoints

CV	Cardiovascular System	RESP	Respiratory System
CNS	Central Nervous System	SKIN	Skin irritation and/or other effects
IMMUN	Immune System	EYE	Eye irritation and/or other effects
KIDN	Kidneys	BONE	Bones and Teeth
GILV	Gastrointestinal Tract and Liver/Alimentary Tract	ENDO	Endocrine System
REPRO	Reproductive System	BLOOD	Hematological System

Appendix F. Noise and Vibration Background and Modeling Data

Appendices

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Noise and Vibration Background and Modeling Data

NOISE BACKGROUND

Terminology and Noise Descriptors

The following are brief definitions of noise terminology.

- **Sound.** A vibratory disturbance that, when transmitted by pressure waves through a medium such as air, is capable of being detected by a receiving mechanism, such as the human ear or a microphone.

- **Noise**. Sound that is loud, unpleasant, unexpected, or otherwise undesirable.

- **Decibel (dB)**. A unitless measure of sound on a logarithmic scale, which indicates the squared ratio of sound pressure amplitude to a reference sound pressure amplitude. The reference pressure is 20 micropascals (20 μPa).

- **Vibration Decibel (VdB).** A unitless measure of vibration, expressed on a logarithmic scale and with respect to a defined reference vibration velocity. In the U.S., the standard reference velocity is 1 micro-inch per second ($1x10^{-6}$ in/sec).

- **A-Weighted Decibel (dBA).** An overall frequency-weighted sound level in decibels which approximates the frequency response of the human ear.

- **Equivalent Continuous Noise Level (Leq); also called the Energy-Equivalent Noise Level.** The value of an equivalent, steady sound level which, in a stated time period (often over an hour) and at a stated location, has the same A-weighted sound energy as the time-varying sound. Thus, the L_{eq} metric is a single numerical value that represents the equivalent amount of variable sound energy received by a receptor over the specified duration.

- **Statistical Sound Level (L_n).** The sound level that is exceeded "n" percent of time during a given sample period. For example, the L_{50} level is the statistical indicator of the time-varying noise signal that is exceeded 50 percent of the time (during each sampling period); that is, half of the sampling time, the changing noise levels are above this value and half of the time they are below it. This is called the "median sound level." The L_{10} level, likewise, is the value that is exceeded 10 percent of the time (i.e., near the maximum) and this is often known as the "intrusive sound level." The L_{90} is the sound level exceeded 90 percent of the time and is often considered the "effective background level" or "residual noise level."

- **Day-Night Level (L_{dn} or DNL).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 10 dB added to the A-weighted sound levels occurring during the period from 10 PM to 7 AM.

- **Community Noise Equivalent Level (CNEL).** The energy average of the A-weighted sound levels occurring during a 24-hour period, with 5 dB added to the A-weighted sound levels occurring during the period from 7 PM to 10 PM and 10 dB added to the A-weighted sound levels occurring during the period from 10 PM to 7 AM. For general community/environmental noise, CNEL and L_{dn} values rarely differ by more than 1 dB. As a matter of practice, L_{dn} and CNEL values are interchangeable and are treated as being equivalent in this assessment.

- **Sensitive Receptor.** Noise- and vibration-sensitive receptors include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, motels and hotels, libraries, religious institutions, hospitals, and nursing homes are examples.

Characteristics of Sound

Sound is a pressure wave transmitted through the air. When an object vibrates, it radiates part of its energy as acoustical pressure in the form of a sound wave. Sound can be described in terms of amplitude (loudness), frequency (pitch), or duration (time). The standard unit of measurement of the loudness of sound is the decibel (dB). The human hearing system is not equally sensitive to sound at all frequencies. Sound waves below 16 Hz are not heard at all and are "felt" more as a vibration. Similarly, while people with extremely sensitive hearing can hear sounds as high as 20,000 Hz, most people cannot hear above 15,000 Hz. In all cases, hearing acuity falls off rapidly above about 10,000 Hz and below about 200 Hz. Since the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale is usually used to relate noise to human sensitivity. The A-weighted decibel scale (dBA) performs this compensation by discriminating against frequencies in a manner approximating the sensitivity of the human ear.

Because of the physical characteristics of noise transmission and noise perception, the relative loudness of sound does not closely match the actual amounts of sound energy. Table 1 presents the subjective effect of changes in sound pressure levels. Typical human hearing can detect changes of approximately 3 dBA or greater under normal conditions. Changes of 1 to 3 dBA are detectable under quiet, controlled conditions and changes of less than 1 dBA are usually indiscernible. A change of 5 dBA or greater is typically noticeable to most people in an exterior environment and a change of 10 dBA is perceived as a doubling (or halving) of the noise.

Table 1 Change in Sound Pressure Level, dB

Change in Apparent Loudness	
± 3 dB	Threshold of human perceptibility
± 5 dB	Clearly noticeable change in noise level
± 10 dB	Half or twice as loud
± 20 dB	Much quieter or louder

Source: Bies and Hansen, Engineering Noise Control, 2009.

Point and Line Sources

Noise may be generated from a point source, such as a piece of construction equipment, or from a line source, such as a road containing moving vehicles. Because noise spreads in an ever-widening pattern, the given amount of noise striking an object, such as an eardrum, is reduced with distance from the source. This is known as "spreading loss." The typical spreading loss for point source noise is 6 dBA per doubling of the distance from the noise source.

A line source of noise, such as vehicles proceeding down a roadway, would also be reduced with distance, but the rate of reduction is affected by of both distance and the type of terrain over which the noise passes. Hard sites, such as developed areas with paving, reduce noise at a rate of 3 dBA per doubling of the distance while soft sites, such as undeveloped areas, open space and vegetated areas reduce noise at a rate of 4.5 dBA per doubling of the distance.[1] These represent the extremes and most areas would actually contain a combination of hard and soft elements with the noise reduction placed somewhere in between these two factors. Unfortunately, the only way to actually determine the absolute amount of attenuation that an area provides is through field measurement under operating conditions with subsequent noise level measurements conducted at varying distances from a constant noise source.

Objects that block the line of sight attenuate the noise source if the receptor is located within the "shadow" of the blockage (such as behind a sound wall). If a receptor is located behind the wall, but has a view of the source, the wall would do little to reduce the noise. Additionally, a receptor located on the same side of the wall as the noise source may experience an increase in the perceived noise level, as the wall would reflect noise back to the receptor compounding the noise.

[1] Surface type or ground cover is defined as the "hardness" or "softness" of the surrounding area. "Hard site environment" is areas with acoustically hard ground (e.g., pavement or water). Distance attenuation from a line source (i.e., roadway or railway) with a hard site environment is 3 dB per doubling of distance (dB/DD). "Soft site environment" is areas with acoustically soft ground (e.g., lawn or loose dirt or agricultural uses). Ground cover can affect the sound propagation rate by as much as an additional 1.5 dB/DD. (Note that this rate occurs only when both the noise source and the receiver are close to the ground and the terrain between the two is flat and soft.) As a result of this additional attenuation, the line-source sound levels decrease at a rate of 4.5 dB/DD at soft sites.

Noise Metrics

Several rating scales (or noise "metrics") exist to analyze adverse effects of noise, including traffic-generated noise, on a community. These scales include the equivalent noise level (Leq), the community noise equivalent level (CNEL) and the day/night noise level (Ldn). Leq is a measurement of the sound energy level averaged over a specified time period.

The CNEL noise metric is based on 24 hours of measurement. CNEL differs from Leq in that it applies a time-weighted factor designed to emphasize noise events that occur during the evening and nighttime hours (when quiet time and sleep disturbance is of particular concern). Noise occurring during the daytime period (7:00 AM to 7:00 PM) receives no penalty. Noise produced during the evening time period (7:00 to 10:00 PM) is penalized by 5 dB, while nighttime (10:00 PM to 7:00 AM) noise is penalized by 10 dB. The Ldn noise metric is similar to the CNEL metric except that the period from 7:00 to 10:00 PM receives no penalty. Both the CNEL and Ldn metrics yield approximately the same 24-hour value (within 1 dB) with the CNEL being the more restrictive (i.e., higher) of the two.[2]

Psychological and Physiological Effects of Noise

Physical damage to human hearing begins at prolonged exposure to noise levels higher than 85 dBA. Exposure to high noise levels affects the entire system, with prolonged noise exposure in excess of 75 dBA increasing body tensions, thereby affecting blood pressure and functions of the heart and the nervous system. In comparison, extended periods of noise exposure above 90 dBA would result in permanent cell damage. When the noise level reaches 120 dBA, a tickling sensation occurs in the human ear even with short-term exposure. This level of noise is called the threshold of feeling. As the sound reaches 140 dBA, the tickling sensation is replaced by the feeling of pain in the ear. This is called the threshold of pain. A sound level of 160 to 165 dBA will result in dizziness or loss of equilibrium. The ambient or background noise is widespread and generally more concentrated in urban areas than in outlying, less-developed areas (see Table 2).

[2] Ldn and CNEL values rarely differ by more than 1 dB. As a matter of practice, Ldn and CNEL values are considered equivalent and are treated as such in this assessment.

Table 2 Common Sound Levels and Their Sources

Noise Source	A-Weighted Sound Level in Decibels	Noise Environments	Subjective Evaluations Relative to 70 dB
Near Jet Engine	140	Deafening	128 times as loud
Civil Defense Siren	130	Threshold of Pain	64 times as loud
Hard Rock Band	120	Threshold of Feeling	32 times as loud
Accelerating Motorcycle at a Few Feet Away	110	Very Loud	16 times as loud
Pile Driver; Noisy Urban Street/Heavy City Traffic	100	Very Loud	8 times as loud
Ambulance Siren; Food Blender	95	Very Loud	
Garbage Disposal	90	Very Loud	4 times as loud
Freight Cars; Living Room Music	85	Loud	
Pneumatic Drill; Vacuum Cleaner	80	Loud	2 times as loud
Busy Restaurant	75	Moderately Loud	
Near Freeway Auto Traffic	70	Moderately Loud	
Average Office	60	Quiet	One-half as loud
Suburban Street	55	Quiet	
Light Traffic; Soft Radio Music in Apartment	50	Quiet	One-quarter as loud
Large Transformer	45	Quiet	
Average Residence without Stereo Playing	40	Faint	One-eighth as loud
Soft Whisper	30	Faint	
Rustling Leaves	20	Very Faint	
Human Breathing	10	Very Faint	Threshold of Hearing

Source: California Department of Transportation (Caltrans) 2006, October. Traffic Noise Analysis Protocol.

Vibration

Vibration is an oscillatory motion through a solid medium in which the motion's amplitude can be described in terms of displacement, velocity, or acceleration. Vibration is normally associated with activities such as railroads or vibration-intensive stationary sources, but can also be associated with construction equipment, such as jackhammers, pile drivers, and hydraulic hammers. Vibration displacement is the distance that a point on a surface moves away from its original static position. The instantaneous speed that a point on a surface moves is described as the velocity, and the rate of change of the speed is described as the acceleration. Each of these descriptors can be used to correlate vibration to human response, building damage, and acceptable equipment vibration levels. During the construction of a building, the operation of construction equipment could cause groundborne vibration. The three main wave types of concern in the propagation of groundborne vibrations are surface or Rayleigh waves, compression or P-waves, and shear or S-waves.

- Surface or Rayleigh waves travel along the ground surface. They carry most of their energy along an expanding cylindrical wave front, similar to the ripples produced by throwing a rock into a lake. The particle motion is more or less perpendicular to the direction of propagation (known as retrograde elliptical).

- Compression or P-waves are body waves that carry their energy along an expanding spherical wave front. The particle motion in these waves is longitudinal, in a push-pull motion. P-waves are analogous to airborne sound waves.

- Shear or S-waves are also body waves, carrying their energy along an expanding spherical wave front. Unlike P-waves, however, the particle motion is transverse, or perpendicular to the direction of propagation.

The peak particle velocity (PPV) or the root mean square (RMS) velocity is usually used to describe vibration amplitudes. PPV is defined as the maximum instantaneous peak of the vibration signal and RMS is defined as the square root of the average of the squared amplitude of the signal. PPV is more appropriate for evaluating potential building damage, whereas RMS is typically more suitable for evaluating human response.

The units for PPV and RMS velocity are normally inches per second (in/sec). Often, vibration is presented and discussed in dB units to compress the range of numbers required to describe the vibration. All PPV and RMS velocity are in in/sec and all vibration levels in this study are in dB relative to 1 micro-inch per second (abbreviated as VdB). The threshold of perception is approximately 65 VdB. Typically groundborne vibration generated by manmade activities attenuates rapidly with distance from the source of the vibration. Manmade vibration problems are usually confined to short distances (500 feet or less) from the source.

Construction generally includes a wide range of activities that can generate groundborne vibration. In general, demolition of structures generates the highest vibrations. Vibratory compactors or rollers, pile drivers, and pavement breakers can generate perceptible amounts of vibration at distances within 200 feet of the vibration sources. Heavy trucks can also generate groundborne vibrations that vary, depending on vehicle type, weight, and pavement conditions. Potholes, pavement joints, discontinuities, differential settlement of pavement, etc., all increase the vibration levels from vehicles passing over a road surface. Construction vibration is normally of greater concern than vibration of normal traffic on streets and freeways with smooth pavement conditions. Trains generate substantial quantities of vibration due to their engines, steel wheels, and heavy loads.

Existing Noise Environment

The Project site is bounded by West Olympic Boulevard, a 10-story office building, commercial uses and multi-family residences to the north; Beacon Avenue, residential, commercial and institutional (church and school) uses to the east; an alley, 6-story office building and subterranean parking garage, and residential uses to the west; and residential uses to the south (see Figure 3, *Aerial Photograph)*. The project site is predominately characterized by traffic noise from surrounding roadways. Existing noise conditions were modeled using a version of the Federal Highway Traffic Noise Model (FHWA RD 77-108). Existing average daily traffic volumes, day/evening/night splits, and vehicle mix data was provided by LLG Engineers, and roadways speeds were obtained using google map's street view.

Table 5.5-4 Existing Traffic Noise Levels

Roadway Segment	Existing ADT Volumes[1]	CNEL at 50 feet	Distance to CNEL Contour (Feet from Centerline)		
			70 (dBA CNEL)	65 (dBA CNEL)	60 (dBA CNEL)
Beacon Avenue - north of Olympic Boulevard	2,350	59.2	4	13	42
Beacon Avenue - south of Olympic Boulevard	738	54.2	1	4	13
Olympic Boulevard - east of Beacon Boulevard	36,925	71.5	70	221	698
Olympic Boulevard - west of Beacon Boulevard	37,038	71.5	70	221	700
Beacon Avenue - north of 11th street	738	54.2	1	4	13
11th Street - east of Beacon Avenue	5,113	62.6	9	29	91
11th Street - west of Beacon Avenue	4,975	62.5	9	28	88
Burlington Avenue - north of Olympic Boulevard	5,063	62.7	9	30	94
Burlington Avenue - south of Olympic Boulevard	5,513	63.1	10	32	102
Olympic Boulevard - east of Burlington Avenue	37,038	71.5	70	221	700
Olympic Boulevard - west of Burlington Avenue	37,013	71.5	70	221	700

[1] Derived from peak hour turning movements provided by LLG, 2021.
Source: FHWA RD 77-108 Model.

Sensitive Receptors

Certain land uses are particularly sensitive to noise and vibration. Noise and vibration sensitive uses include land uses where quiet environments are necessary for enjoyment and public health and safety. Residences, schools, guest lodging, libraries, religious institutions, hospitals, nursing homes, and passive recreation areas are generally more sensitive to noise than commercial and industrial land use.

Noise Regulations and Guidelines

Compliance with State, City, and LAUSD noise requirements and guidelines is required for schools as described below.

State

CalGreen

The California Green Building Standards Code (CALGreen) has requirements for insulation that affect exterior-interior noise transmission for non-residential structures.[3] Pursuant to CALGreen Section 5.507.4.1, Exterior Noise Transmission,[4] wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite sound transmission class (STC) rating of at least 50 or a composite outdoor-indoor transmission class (OITC) rating of no less than 40 with exterior windows of a minimum STC of 40 or OITC of 30 within a 65 dBA CNEL or L_{dn} noise contour of an airport, freeway or expressway, railroad, industrial source or fixed-guideway source. Where noise contours

[3] Multi-family residential buildings greater than three stories are considered under the non-residential standards in Title 24.

[4] California Green Building Standards Code. Chapter 5 Nonresidential Mandatory Measures. Division 5.1 PLANNING AND DESIGN. Section 5.507 Environmental Comfort. 5.507.4.1 Exterior noise transmission, prescriptive method. https://up.codes/viewer/california/ca-green-code-2016/chapter/5/nonresidential-mandatory-measures#5

are not readily available, buildings exposed to a noise level of 65 dBA L_{eq} during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum of STC 40 (or OITC 30).

California Code of Regulations, Title 24, Part 2

Current law states that every local agency enforcing building regulations, such as cities and counties, must adopt the provisions of the California Building Code (CBC) within 180 days of its publication. The publication date of the CBC is established by the California Building Standards Commission. The most recent building standard adopted by the legislature and used throughout the state is the 2016 version, often with local, more restrictive amendments that are based on local geographic, topographic, or climatic conditions.[5] The State of California's noise insulation standards are codified in the CBC. These noise standards are for new construction in California for the purposes of interior compatibility with exterior noise sources. The regulations specify that acoustical studies must be prepared when noise-sensitive structures, such as residential, schools, or hospitals, are near major transportation noises, and where such noise sources create an exterior noise level of 60 dBA CNEL or higher. Acoustical studies that accompany building plans must demonstrate that the structure has been designed to limit interior noise in habitable rooms to acceptable noise levels. For new residential buildings, schools, and hospitals, the acceptable interior noise limit for new construction is 45 dBA CNEL.

City of Los Angeles

Exterior Noise Standards

As specified in Sections 112.02 and 112.05 of the City of Los Angeles Municipal Code, noise attributable to mechanical equipment (such as heating, air conditioning, and ventilation equipment (HVAC) systems or any pumping, filtering, or heating equipment) cannot exceed the ambient noise level by more than 5 decibels. Ambient noise levels can be as-measured at the project site or established via Code-presumed levels. For the nearby residential neighborhood (Zone R1), the presumed ambient levels are 50 dBA (daytime, 7:00 AM to 10:00 PM) and 40 dBA (nighttime, 10:00 PM to 7:00 AM).

Further, power-equipment, including lawn mowers, backpack blowers, small lawn and garden tools, and riding tractors are restricted to no more than 65 dBA Leq at residential properties.

Construction Noise Standards

The City of Los Angeles has established policies and regulations concerning the generation and control of noise that could adversely affect noise sensitive land uses.[5] For construction noise, Los Angeles Municipal

[5] The City of Los Angeles General Plan identifies noise-sensitive receptors as: single-family and multi-unit dwellings, long-term care facilities (including convalescent and retirement facilities), dormitories, motels, hotels, transient lodgings and other residential uses; houses of worship; hospitals; libraries; schools; auditoriums; concert halls; outdoor theaters; nature and wildlife preserves, and parks.

Code LAMC Section 41.40 (Noise Due to Construction, Excavation Work – When Prohibited)[6] states that no construction or repair work, or any excavating for, any building or structure, shall be performed between the hours of 9:00 PM and 7:00 AM. In addition, the operation, repair or servicing of construction equipment and the job-site delivering of construction materials in such areas shall be prohibited between the hours of 9:00 PM and 7:00 AM.

No person, other than an individual home owner engaged in the repair or construction of his/her single-family dwelling, shall perform any construction or repair work of any kind or perform such work (or operation, repair or servicing of construction equipment and the job-site delivering of construction materials) within 500 feet of land so occupied before 8:00 AM or after 6:00 PM on any Saturday or on a federal holiday, or at any time on Sunday. Under certain conditions, the City may grant a waiver to allow limited construction activities to occur outside of the limits described above. This code does not apply to emergency repair work.

LAMC Section 112.05 (Maximum Noise Level of Powered Equipment or Powered Hand Tools)[7] states that "Between the hours of 7:00 a.m. and 10:00 p.m., in any residential zone of the City or within 500 feet thereof, no person shall operate or cause to be operated any powered equipment or powered hand tool that produces a maximum noise level exceeding the following noise limits at a distance of 50 feet therefrom:

(a) 75dB(A) for construction, industrial, and agricultural machinery including crawler-tractors, dozers, rotary drills and augers, loaders, power shovels, cranes, derricks, motor graders, paving machines, off-highway trucks, ditchers, trenchers, compactors, scrapers, wagons, pavement breakers, compressors and pneumatic or other powered equipment…"

However, this noise limitation does not apply where compliance is technically infeasible. Technically infeasible means the above noise limitation cannot be met despite the use of mufflers, shields, sound barriers and/or any other noise reduction device or techniques during the operation of equipment.

The city does not have established standards for school operational noise.

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[6] Los Angeles Municipal Code. Chapter IV Public Welfare. Section 41.40 (Noise Due to Construction, Excavation Work – When Prohibited) http://library.amlegal.com/nxt/gateway.dll/California/lamc/municipalcode?f=templates$fn=default.htm$3.0$vid=amlegal:losangeles_ca_mc

[7] Los Angeles Municipal Code. Chapter XI Noise Regulation. Article 2 Special Noise Sources Section 112.05 (Maximum Noise Level of Powered Equipment or Powered Hand Tools). http://library.amlegal.com/nxt/gateway.dll/California/lamc/municipalcode?f=templates$fn=default.htm$3.0$vid=amlegal:losangeles_ca_mc

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LOCAL REGULATIONS AND STANDARDS

Print

Los Angeles Municipal Code

CHAPTER XI
NOISE REGULATION

(Added by Ord. No. 144,331, Eff. 3/2/73.)

Article

1 General Provisions
2 Special Noise Sources
3 Sanitary Operations
4 Vehicles
5 Amplified Sounds
6 General Noise

ARTICLE 1
GENERAL PROVISIONS

Section

111.00 Declaration of Policy.
111.01 Definitions.
111.02 Sound Level Measurement Procedure and Criteria.
111.03 Minimum Ambient Noise Level.
111.04 Violations: Additional Remedies, Injunctions.
111.05 Enforcement, Citations.

SEC. 111.00. DECLARATION OF POLICY.

It is hereby declared to be the policy of the City to prohibit unnecessary, excessive and annoying noises from all sources subject to its police power. At certain levels noises are detrimental to the health and welfare of the citizenry and in the public interests shall be systematically proscribed.

SEC. 111.01. DEFINITIONS.

Unless the context otherwise clearly indicates, the words and phrases used in this chapter are defined as follows:

(a) "**Ambient Noise**" is the composite of noise from all sources near and far in a given environment, exclusive of occasional and transient intrusive noise sources and of the particular noise source or sources to be measured. Ambient noise shall be averaged over a period of at least 15 minutes at a location and time of day comparable to that during which the measurement is taken of the particular noise source being measured. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(b) "**Commercial Purpose**" is the use, operation, or maintenance of any sound amplifying equipment for the purpose of advertising any business, goods, or services, or for the purpose of attracting the attention of the public to, advertising for, or soliciting patronage or customers to or for any performance, show, entertainment, exhibition, or event, or for the purpose of demonstrating such sound equipment. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(c) "**Decibel**" (dB) is a unit of level which denotes the ratio between two (2) quantities which are proportional to power; the number of decibels corresponding to the ratio of two (2) amounts of power is ten (10) times the logarithm to the base (10) of this ratio. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(d) "**Emergency Work**" is work made necessary to restore property to a safe condition following a public calamity or work required to protect persons or property from an imminent exposure to danger, or work by private or public utilities when restoring utility service. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(e) "**Impulsive Sound**" is sound of short duration, usually less than one second, with an abrupt onset and rapid decay. By way of example "**impulsive sound**" shall include, but shall not be limited to, explosions, musical base drum beats, or the discharge of firearms. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(f) "**Motor Vehicle**" includes, but shall not be limited to, automobiles, trucks, motorcycles, minibikes and go-carts. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(g) "**Noncommercial Purpose**" is the use, operation, or maintenance of any sound equipment for other than a "commercial purpose". "Noncommercial purpose" shall mean and include, but shall not be limited to, philanthropic, political, patriotic, and charitable purposes. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(h) "**Octave Band Noise Analyzer**" is an instrument for measurement of sound levels in octave frequency bands which satisfies the pertinent requirements for Class II octave band analyzers of the American National Standard Specifications for Octave, Half-Octave, and Third-Octave Band Filters, S1.11-1966 or the most recent revision thereof. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(i) "**Person**" is a person, firm, association, co-partnership, joint venture, corporation, or any entity, private or public in nature. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(j) "**Sound Amplifying Equipment**" **(Amended by Ord. No. 156,363, Eff. 3/29/82.)** is any machine or device for the amplification of the human voice, music or any other sound, but shall not include:

1. Automobile radios, stereo players or television receivers when used and heard only by the occupants of the vehicle in which the same is installed.

2. Radio, stereo players, phonographs or television receivers used in any house or apartment within any residential zone or within 500 feet thereof.

3. Warning devices on emergency vehicles.

4. Horns or other warning devices authorized by law on any vehicle when used for traffic purposes.

(k) "**Sound Level**" (Noise level) in decibels (dB) is the sound measured with the "A" weighting and slow responses by a sound level meter; except for impulsive or rapidly varying sounds, the fast response shall be used. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(l) "**Sound Level Meter**" is an instrument including a microphone, an amplifier, an output meter, and "A" frequency weighting network for the measurement of sound levels which satisfies the pertinent requirements for Type S2A meters in American Standard Specifications for sound level meters in S1.4-1971 or the most recent revision thereof. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(m) "**Sound Truck**" is any motor vehicle, or any other vehicle regardless of motive power, whether in motion or stationary, which carries, is equipped with, or which has mounted thereon, or attached thereto, any sound amplifying equipment. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

(n) **Supplementary Definitions of Technical Terms**. Definitions of technical terms not defined herein shall be obtained from American Standard Acoustical Terminology S1-1-1971 or the most recent revision thereof. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

SEC. 111.02. SOUND LEVEL MEASUREMENT PROCEDURE AND CRITERIA.

(Title amended by Ord. No. 156,363, Eff. 3/29/82.)

(a) **(Amended by Ord. No. 156,363, Eff. 3/29/82.)** Any sound level measurement made pursuant to the provisions of this chapter shall be measured with a sound level meter using the "A" weighting and response as indicated in Section 111.01(k) of this article.

Except when impractical, the microphone shall be located four to five feet above the ground and ten feet or more from the nearest reflective surface. However, in those cases where another elevation is deemed appropriated, the latter shall be utilized.

Interior sound level measurements shall be made at a point at least four feet from the wall, ceiling, or floor nearest the noise source.

Calibration of the sound level meter, utilizing an acoustic calibrator shall be performed immediately prior to recording any sound level data. The ambient noise level and the level of a particular noise being measured shall be the numerical average of noise measurements taken at a given location during a given time period.

(b) **(Amended by Ord. No. 156,363, Eff. 3/29/82.)** Where the sound alleged to be offending is of a type or character set forth below, the following values shall be added to the sound level measurement of the offending noise:

1. Except for noise emanating from any electrical transformer or gas metering and pressure control equipment existing and installed prior to the effective date of the ordinance enacting this chapter, any steady tone with audible fundamental frequency or overtones have 200 Hz.....+5

2. Repeated impulsive noise.....+5

3. Noise occurring more than 5 but less than 15 minutes in any period of 60 consecutive minutes between the hours of 7:00 a.m. and 10:00 p.m. of any day.....-5

4. Noise occurring five minutes or less in any period of 60 consecutive minutes, between the hours of 7:00 a.m. and 10:00 p.m. of any day.....-5 **(Amended by Ord. No. 161,574, Eff. 9/8/86.)**

(c) For those cases where an objectionable noise is clearly audible, but where the level of ambient noise does not permit direct quantative sound level "A" measurements of the objectionable noise, sound measurements may be performed utilizing an octave band sound analyzer to determine sound level "A" limits as indicated in the Table I below. This table is used to convert the sound pressure level meter readings in dB for each band to SPL in dB(A) for each band.

TABLE I
OCTAVE BAND NOISE VALUES CORRESPONDING TO SOUND LEVEL "A" VALUES

Sound Level	**Octave Band Sound Pressure Level, dB re .0002 dyne/cm^2 Octave Band Center Frequency in Hz**								
"A"	31.5	63	125	250	500	1000	2000	4000	8000
35	58	50	42	35	32	29	26	23	20
40	61	54	46	40	37	34	31	28	25
45	64	58	51	45	42	39	36	33	30
50	67	61	55	50	47	44	41	38	35
55	70	64	60	55	52	49	46	43	40
60	73	68	64	60	57	54	51	48	45
65	76	72	68	65	62	59	56	53	50
70	79	76	73	70	67	64	61	58	55
75	84	81	78	75	72	69	66	63	60

(d) For those cases where a sound level measurement has been made pursuant to the provisions of this chapter and two or more provisions of this chapter apply, the provision establishing the lower or lowest noise level, respectively, shall be used. **(Added by Ord. No. 156,363, Eff. 3/29/82.)**

SEC. 111.03. MINIMUM AMBIENT NOISE LEVEL.
(Amended by Ord. No. 156,363, Eff. 3/29/82.)

Where the ambient noise level is less than the presumed ambient noise level designated in this section, the presumed ambient noise level in this section shall be deemed to be the minimum ambient noise level for purposes of this chapter.

TABLE II
SOUND LEVEL "A" DECIBELS

(In this chart, daytime levels are to be used from 7:00 a.m. to 10:00 p.m. and nighttime levels from 10:00 p.m. to 7:00 a.m.)

ZONE	**PRESUMED AMBIENT NOISE LEVEL (dB(A))**	
	DAY	**NIGHT**
A1, A2, RA, RE, RS, RD, RW1, RW2, R1, R2, R3, R4, and R5	50	40
P, PB, CR, C1, C1.5, C2, C4, C5, and CM	60	55
M1, MR1, and MR2	60	55

M2 and M3	65	65

At the boundary line between two zones, the presumed ambient noise level of the quieter zone shall be used.

SEC. 111.04. VIOLATIONS: ADDITIONAL REMEDIES, INJUNCTIONS.

As an additional remedy, the operation or maintenance of any device, instrument, vehicle, or machinery in violation of any provision of this chapter, which operation or maintenance causes discomfort or annoyance to reasonable persons or which endangers the comfort, repose, health, or peace of residents in the area, shall be deemed and is declared to be.a public nuisance and may be subject to abatement summarily by a restraining order or injunction issued by a court order of competent jurisdiction. **(Amended by Ord. No. 156,363, Eff. 3/29/82.)**

SEC. 111.05. ENFORCEMENT, CITATIONS.

(Added by Ord. No. 156,363, Eff. 3/29/82.)

(a) The Department of Building and Safety shall have the power and duty to enforce the following noise control provisions of this Code: Section 12.14 A.6.(h), Section 12.19 A.4.(b)(1), Section 112.02 and Section 112.04(c). **(Amended by Ord. No. 172,086, Eff. 7/30/98.)**

(b) The Police Department shall have the power and duty to enforce the following noise control provisions of this Code: Section 41.32, Section 41.40, Section 41.42, Section 41.44, Section 41.57, Section 63.51(m), Section 112.01, Section 112.04, Section 112.05, Section 112.06, Section 113.01, Section 114.01 through Section 114.05, inclusive, Section 115.02 through Section 115.03, inclusive, and Section 116.01. **(Amended by Ord. No. 185,601, Eff. 7/18/18.)**

(c) Any Building Mechanical Inspector assigned to noise enforcement inspection shall have the power, authority and immunity of a public officer and employee, as set forth in the Penal Code of the State of California, Section 836.5, to make arrests without a warrant whenever such employee has reasonable cause to believe that the person to be arrested has committed a misdemeanor in his presence which is a violation of any provision set forth in Section 111.05(a) of this chapter. The provisions of said Penal Code section regarding issuance of a written promise to appear shall be applicable to arrests authorized herein.

ARTICLE 2
SPECIAL NOISE SOURCES

Section
112.01 Radios, Television Sets, and Similar Devices.
112.02 Air Conditioning, Refrigeration, Heating, Pumping, Filtering Equipment.
112.03 Construction Noise.
112.04 Powered Equipment Intended for Repetitive Use in Residential Areas and Other Machinery, Equipment, and Devices.
112.05 Maximum Noise Level of Powered Equipment or Powered Hand Tools.
112.06 Places of Public Entertainment.

SEC. 112.01. RADIOS, TELEVISION SETS, AND SIMILAR DEVICES.

(Amended by Ord. No. 156,363, Eff. 3/29/82.)

(a) It shall be unlawful for any person within any zone of the City to use or operate any radio, musical instrument, phonograph, television receiver, or other machine or device for the producing, reproducing or amplification of the human voice, music, or any other sound, in such a manner, as to disturb the peace, quiet, and comfort of neighbor occupants or any reasonable person residing or working in the area.

(b) Any noise level caused by such use or operation which is audible to the human ear at a distance in excess of 150 feet from the property line of the noise source, within any residential zone of the City or within 500 feet thereof, shall be a violation of the provisions of this section.

(c) Any noise level caused by such use or operation which exceeds the ambient noise level on the premises of any other occupied property, or if a condominium, apartment house, duplex, or attached business, within any adjoining unit, by more than five (5) decibels shall be a violation of the provisions of this section.

SEC. 112.02. AIR CONDITIONING, REFRIGERATION, HEATING, PUMPING, FILTERING EQUIPMENT.

(Amended by Ord. No. 156,363, Eff. 3/29/82.)

(a) It shall be unlawful for any person, within any zone of the city to operate any air conditioning, refrigeration or heating equipment for any residence or other structure or to operate any pumping, filtering or heating equipment for any pool or reservoir in such manner as to create any noise which would cause the noise level on the premises of any other occupied property or if a condominium, apartment house, duplex, or attached business, within any adjoining unit.to exceed the ambient noise level by more than five (5) decibels

(b) This section shall not be applicable to emergency work as defined in Section 111.01(c) of this chapter, or to periodic maintenance or testing of such equipment reasonably necessary to maintain such equipment in good working order.

SEC. 112.03. CONSTRUCTION NOISE.

Noise due to construction or repair work shall be regulated as provided by Section 41.40 of this Code. **(Amended by Ord. No. 161,574, Eff. 9/8/86.)**

SEC. 112.04. POWERED EQUIPMENT INTENDED FOR REPETITIVE USE IN RESIDENTIAL AREAS AND OTHER MACHINERY, EQUIPMENT, AND DEVICES.

(Title and Section Amended by Ord. No. 161,574, Eff 9/8/86.)

(a) Between the hours of 10:00 p.m and. 7:00 a.m. of the following day, no person shall operate any lawn mower, backpack blower, lawn edger, riding tractor, or any other machinery, equipment, or other mechanical or electrical device, or any hand tool which creates a loud, raucous or impulsive sound, within any residential zone or within 500 feet of a residence.

(b) Except as to the equipment and operations specifically mentioned and related elsewhere in this Chapter or for emergency work as that term is defined in Section 111.01(d), and except as to aircraft, tow tractors, aircraft auxiliary power units, trains and motor vehicles in their respective operations governed by State or federal regulations, no person shall operate or cause to be operated any machinery, equipment, tools, or other mechanical or electrical device, or engage in any other activity in such manner as to create

any noise which would cause the noise level on the premises of any other occupied property, or, if a condominium, apartment house, duplex, or attached business, within any adjoining unit, to exceed the ambient noise level by more than five (5) decibels.

(c) Notwithstanding the provisions of Subsection (a) above, no gas powered blower shall be used within 500 feet of a residence at anytime. Both the user of such a blower as well as the individual who contracted for the services of the user, if any, shall be subject to the requirements of and penalty provisions for this ordinance. Violation of the provisions of this subsection shall be punishable as an infraction in an amount not to exceed One Hundred Dollars ($100.00), notwithstanding the graduated fines set forth in LAMC § 11.00(m). **(Amended by Ord. No. 171,890, Eff. 2/13/98.)**

SEC. 112.05. MAXIMUM NOISE LEVEL OF POWERED EQUIPMENT OR POWERED HAND TOOLS.

(Amended by Ord. No. 161,574, Eff. 9/8/86.)

Between the hours of 7:00 a.m. and 10:00 p.m., in any residential zone of the City or within 500 feet thereof, no person shall operate or cause to be operated any powered equipment or powered hand tool that produces a maximum noise level exceeding the following noise limits at a distance of 50 feet therefrom:

(a) 75dB(A) for construction, industrial, and agricultural machinery including crawler-tractors, dozers, rotary drills and augers, loaders, power shovels, cranes, derricks, motor graders, paving machines, off-highway trucks, ditchers, trenchers, compactors, scrapers, wagons, pavement breakers, compressors and pneumatic or other powered equipment;

(b) 75dB(A) for powered equipment of 20 HP or less intended for infrequent use in residential areas, including chain saws, log chippers and powered hand tools;

(c) 65dB(A) for powered equipment intended for repetitive use in residential areas, including lawn mowers, backpack blowers, small lawn and garden tools and riding tractors;

The noise limits for particular equipment listed above in (a), (b) and (c) shall be deemed to be superseded and replaced by noise limits for such equipment from and after their establishment by final regulations adopted by the Federal Environmental Protection Agency and published in the Federal Register.

Said noise limitations shall not apply where compliance therewith is technically infeasible The burden of proving that compliance is technically infeasible shall be upon the person or persons charged with a violation of this section. Technical infeasibility shall mean that said noise limitations cannot be complied with despite the use of mufflers, shields, sound barriers and/or other noise reduction device or techniques during the operation of the equipment.

SEC. 112.06. PLACES OF PUBLIC ENTERTAINMENT.

It shall be unlawful for any person to operate, play, or to permit the operation or playing of any radio, television receiver, phonograph, musical instrument, sound amplifying equipment, or similar device which produces, reproduces, or amplifies sound in any place of public entertainment at a sound level greater than 95dB(A) at any point that is normally occupied by a customer, unless a conspicuous and legible sign is located outside such place, near each public entrance, stating:

"WARNING: SOUND LEVELS WITHIN MAY CAUSE HEARING IMPAIRMENT."

(Added by Ord. No. 156,363, Eff. 3/29/82.)

ARTICLE 3
SANITARY OPERATION

Section
113.01 Rubbish and Garbage Collection and Disposal.

SEC. 113.01. RUBBISH AND GARBAGE COLLECTION AND DISPOSAL.
(Amended by Ord. No. 161,574, Eff. 9/8/86.)

It shall be unlawful for any person engaged in the business of collecting or disposing of rubbish or garbage to operate any refuse disposal truck, parking lot sweeper, or vacuum truck, or to collect, load, pick up, transfer, unload, dump, discard, sweep, vacuum, or dispose of any rubbish or garbage, as such terms are defined in Section 66.00 of this Code, within 200 feet of any residential building between the hours of 9:00 p.m. and 6:00 a.m. of the following day, unless a permit therefore has been duly obtained beforehand from the Board of Police Commissioners.

The standards which shall be considered in determining whether a permit shall be granted are the following:

(a) Whether the work to be done is in the public interest, or

(b) Whether the applicant would suffer hardship, injustice or delay if the permit were not granted, or

(c) Whether fuel conservation would result if the permit were issued.

No permit shall be required to perform emergency work as defined in Sec. 111.01(c) of this chapter.

ARTICLE 4
VEHICLES

Section
114.01 Vehicle Repairs.
114.02 Motor Driven Vehicles.
114.03 Vehicles – Loading and Unloading.
114.04 Audible Signaling Devices.
114.05 Audible Advertising Devices – Commercial Food Vendors.
114.06 Vehicle Theft Alarm Systems.
114.07 Audible Status Indicator

SEC. 114.01. VEHICLE REPAIRS.
(Amended by Ord. No. 156,363, Eff. 3/29/82.)

It shall be unlawful for any person, within any residential property located within any residential zone of the City or within 500 feet thereof, to repair, rebuild, reconstruct or dismantle any motor vehicle between the hours of 8:00 p.m. of one day and 8:00 a.m. of the next day in such manner:

(a) That a reasonable person residing in the area is caused discomfort or annoyance;

(d) That such activity is audible to the human ear at a distance in excess of 150 feet from the property line of the noise source;

(c) As to create any noise which would cause the noise level on the premises of any occupied residential property, or if a condominium, apartment house or duplex, within any adjoining unit, to exceed the ambient noise level by more than five (5) decibels.

SEC. 114.02. MOTOR DRIVEN VEHICLES.
(Amended by Ord. No. 156,363, Eff. 3/29/82.)

(a) It shall be unlawful for any person to unreasonably operate any motor driven vehicle upon any property within the City or to unreasonably accelerate the engine of any vehicle, or unreasonably sound, blow or operate the horn or other warning device of such vehicle in such manner:

1. As to disturb the peace, quiet and comfort of any neighborhood or of any reasonable person residing in such area

2. That such activity is audible to the human ear at a distance in excess of 150 feet from the property line of the noise source;

3. As to create any noise which would cause the noise level on the premises of any occupied residential property, or if a condominium, apartment house or duplex, within any adjoining unit, to exceed the ambient noise level by more than five (5) decibels.

(b) This section shall not be applicable to any vehicle which is operated upon any public highway, street or right-of-way or to the operation of any off-highway vehicle to the extent it is regulated in the Vehicle Code.

SEC. 114.03. VEHICLES – LOADING AND UNLOADING.
(Amended by Ord. No. 166,514, Eff. 1/24/91.)

(a) It shall be unlawful for any person, between the hours of 10:00 p.m. and 7:00 a.m. of the following day, to load or unload any vehicle, or operate any dollies, carts, forklifts, or other wheeled equipment, which causes any impulsive sound, raucous or unnecessary noise within 200 feet of any residential building.

(b) Irrespective of the provisions of Subsection (a), loading or unloading of vehicles of the type of activity referred to in Subsection (a) may occur between the hours of 6:00 a.m. to 11:00 p.m. of the same day pursuant to a permit issued by the Department of Transportation in accordance with a business program as defined by said department. This permit program would be limited to the area bounded by Western Avenue, Santa Monica Freeway, Central Avenue, and the San Diego Freeway, within the limits of the City of Los Angeles. Such permits will not be issued to high-noise businesses such as trash pickup.

SEC. 114.04. AUDIBLE SIGNALING DEVICES.
(Added by Ord. No. 161,574, Eff. 9/8/86.)

It shall be unlawful for any person, within any residential zone of the City or within 500 feet thereof, to sound, blow, or operate any audible signaling device, including sequential airhorns or electronically operated vehicular loud speaker music devices, which can be heard for a distance greater than 200 feet for any purpose. Violation of this section shall constitute an infraction This section does not address horn or warning devices regulated in Article 1 of Chapter 5 of Division 12 of the Vehicle Code of the State of California, commencing at Section 27000. **(Last sentence amended by Ord. No. 165.191, Eff. 10/23/89.)**

SEC. 114.05. AUDIBLE ADVERTISING DEVICES – COMMERCIAL FOOD VENDORS.
(Added by Ord. No. 164,532, Eff. 4/20/89.)

Notwithstanding the provisions of Section 114.04, it shall be unlawful for any person, to sound, blow or operate any music, chimes or bells, or any similar sound device, amplified or otherwise, within 200 feet of any residential building between the hours of 9:00 p.m. and 7:00 a.m. the next day while operating a catering truck, as that term is defined in Section 80.73 of the Municipal Code.

SEC. 114.06. VEHICLE THEFT ALARM SYSTEMS.
(Former Sec. 114.05, Renumbered by Ord. No. 164,532, Eff. 4/20/89.)

It shall be unlawful for any person to install, operate or use any vehicle theft alarm system that emits or causes the emission of an audible sound, which is not, or does not become, automatically and completely silenced within five minutes. The time period shall be calculated based upon the emission of the first audible sound and shall end five minutes thereafter notwithstanding any variation or stoppage in the emissions of audible sound. Violation of this section shall constitute an infraction.

SEC. 114.07. AUDIBLE STATUS INDICATOR.
(Added by Ord. No. 169,785, Eff. 6/9/94.)

It shall be unlawful for any person to install, operate, use or maintain any vehicle theft alarm system which utilizes an audible status indicator emitting or causing the emission of an audible sound for a duration of more than one minute. The time period shall be calculated from the point in time of the emission of the first audible sound used in calculation and shall end one minute thereafter, notwithstanding any variation or temporary stoppage in the emission of audible sound.

As used in this section, an audible status indicator is a component of a vehicle theft alarm system which emits sound audible outside the vehicle for the purpose of warning that a vehicle theft alarm system is installed and armed or operational. The term "**audible status indicator**" shall include any device which emits a chirp, voice message or other sound when an approaching person is within a certain distance of the vehicle in which the device is installed.

In the event enforcement of a violation occurs under this section, no enforcement shall be taken under Section 80.75.l of the Municipal Code for the same violation.

Violation of any provision of this section shall constitute an infraction.

ARTICLE 5
AMPLIFIED SOUND

Section
115.01 Purpose.
115.02 Prohibition and Regulations.
115.03 Amplified Sound on Unenclosed Tour Buses.

SEC. 115.01. PURPOSE.

The Council enacts this legislation for the sole purpose of securing and promoting the public health, comfort, safety, and welfare of its citizenry. While recognizing that certain uses of sound amplifying equipment are protected by the constitutional rights of freedom of speech and assembly, the Council nevertheless feels obligated to reasonably regulate the use of sound amplifying equipment in order to protect the correlative constitutional rights of the citizens of this community to privacy and freedom from public nuisance of loud and unnecessary noise.

SEC. 115.02. PROHIBITION AND REGULATIONS.

It shall be unlawful for any person, other than personnel of law enforcement or governmental agencies, or permittees duly authorized to use the same pursuant to Sec. 103.111 of this Code, to install, use, or operate within the City a loudspeaker or sound amplifying equipment in a fixed or movable position or mounted upon any sound truck for the purposes of giving instructions, directions, talks, addresses, lectures, or transmitting music to any persons or assemblages of persons in or upon any public street, alley, sidewalk, park or place, or other public property except when installed, used or operated in compliance with the following provisions:

(a) In all residential zones and within 500 feet thereof, no sound amplifying equipment shall be installed, operated or used for commercial purposes at any time.

(b) The operation or use of sound amplifying equipment for noncommercial purposes in all residential zones and within 500 feet thereof, except when used for regularly scheduled operative functions by any school or for the usual and customary purposes of any church, is prohibited between the hours of 4:30 p.m. and 9:00 a.m. of the following day.

(c) In all other zones, except such portions thereof as may be included within 500 feet of any residential zone, the operation or use of sound amplifying equipment for commercial purposes is prohibited between the hours of 9:00 p.m. and 8:00 a.m. of the following day.

(d) In all other zones, except such portions thereof as may be included within 500 feet of any residential zone, the operation or use of sound amplifying equipment for noncommercial purposes is prohibited between the hours of 10:00 p.m. and 7:00 a.m. of the following day.

(e) The only sounds permitted shall be either music, human speech, or both.

(f) Sound emanating from sound amplifying equipment shall be limited in volume, tone and intensity as follows:

1. The sound shall not be audible at a distance in excess of 200 feet from the sound equipment.

2. In no event shall the sound be loud and raucous or unreasonably jarring, disturbing, annoying or a nuisance to reasonable persons of normal sensitiveness within the area of audibility.

(g) Except as provided in (b) above, no sound amplifying equipment shall be operated upon any property adjacent to and within 200 feet of any hospital grounds or any school or church building while in use.

(h) **(Amended by Ord. No. 145,691, Eff. 5/2/74.)** The operation or use of any sound amplifying equipment installed, mounted, attached or carried in or by any sound truck is further prohibited:

1. Within the Central Traffic district at any time;
2. Upon Hollywood Boulevard between Vermont Avenue and La Brea at any time;
3. Upon Wilshire Boulevard at any time;
4. Upon Sunset Boulevard at any time;
5. Upon Vine Street at any time;
6. Upon any street between the hours of 4:30 p.m. and 9:00 a.m. of the following day;
7. Upon any street on any Sunday.

SEC. 115.03. AMPLIFIED SOUND ON UNENCLOSED TOUR BUSES.

(Added by Ord. No. 185,601, Eff. 7/18/18.)

(a) **Definitions.** As used in this section:

1. "**Operator**" means any person or corporation who conducts a business or enterprise that operates one or more Unenclosed Tour Buses.

2. "**Sound Amplifying Equipment**" shall have the same meaning as in Subsection (j) of Section 111.01 of this chapter, and shall include loud speakers and public address systems.

3. "**Tour Bus**" means a privately-owned bus or passenger vehicle for hire, which is operated by or for a charter-party carrier of passengers or a passenger stage corporation, as set forth in California Vehicle Code Section 612, subsection (a), and as defined in California Public Utilities Code Sections 226 and 5360. A Tour Bus includes any vehicle that is used primarily for the conveyance of passengers over the public streets, for the purpose of visiting or viewing places of interest.

4. "**Unenclosed Tour Bus**" means a Tour Bus that has had its roof substantially structurally modified or removed, as set forth in California Vehicle Code Section 612, Subsection (b), such that it can be and is operated without a solid roof covering all seating areas of the vehicle. An Unenclosed Tour Bus shall also include any Tour Bus that has had its side panels substantially structurally modified and/or removed, such that it can be and is operated without side panels fully enclosing the sides of the vehicle, when doors and windows are closed.

(b) **Use of Sound Amplifying Equipment Prohibited.** It shall be unlawful for any Operator or any person employed by an Operator to cause, allow, or permit the use of Sound Amplifying Equipment on any Unenclosed Tour Bus while the vehicle is operating within the City of Los Angeles.

(c) **Violation and Punishment.** A violation of this Section shall constitute an infraction pursuant to California Vehicle Code Sections 40000.1 and 42001, and shall be punished pursuant to the fine structure set forth in California Vehicle Code Section 42001.

(d) **Severability.** If any subsection, subdivision, sentence, clause, phrase, or portion of this section, or the application thereof to any person, is for any reason held to be invalid or constitutional by the decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this section or its application to other persons. The City Council hereby declares that it would have adopted this section and each subsection, subdivision, sentence, clause, phrase or portion thereof, irrespective of the fact that any one or more subsections, subdivisions, sentences, clauses, phrases, or portions, or the application thereof to any person, be declared invalid or unconstitutional.

ARTICLE 6
GENERAL NOISE

Section
116.01 Loud, Unnecessary and Unusual Noise.

SEC. 116.01. LOUD, UNNECESSARY AND UNUSUAL NOISE.

Notwithstanding any other provisions of this chapter and in addition thereto, it shall be unlawful for any person to willfully make or continue, or cause to be made or continued, any loud, unnecessary, and unusual noise which disturbs the peace or quiet of any neighborhood or which causes discomfort or annoyance to any reasonable person of normal sensitiveness residing in the area. The standard which may be considered in determining whether a violation of the provisions of this section exists may include, but not be limited to, the following:

(a) The level of noise;

(b) Whether the nature of the noise is usual or unusual;

(c) Whether the origin of the noise is natural or unnatural;

(d) The level and intensity of the background noise, if any;

(e) The proximity of the noise to residential sleeping facilities;

(f) The nature and zoning of the area within which the noise emanates;

(g) The density of the inhabitation of the area within which the noise emanates;

(h) The time of the day and night the noise occurs;

(i) The duration of the noise;

(j) Whether the noise is recurrent, intermittent, or constant; and

(k) Whether the noise is produced by a commercial or noncommercial activity.

SEC. 41.40. NOISE DUE TO CONSTRUCTION, EXCAVATION WORK – WHEN PROHIBITED.

(a) No person shall, between the hours of 9:00 P.M. and 7:00 A.M. of the following day, perform any construction or repair work of any kind upon, or any excavating for, any building or structure, where any of the foregoing entails the use of any power driven drill, riveting machine excavator or any other machine, tool, device or equipment which makes loud noises to the disturbance of persons occupying sleeping quarters in any dwelling hotel or apartment or other place of residence. In addition, the operation, repair or servicing of construction equipment and the job-site delivering of construction materials in such areas shall be prohibited during the hours herein specified. Any person who knowingly and wilfully violates the foregoing provision shall be deemed guilty of a misdemeanor punishable as elsewhere provided in this Code. **(Amended by Ord. No. 158,587, Eff. 1/29/84.)**

(b) The provisions of Subsection (a) shall not apply to any person who performs the construction, repair or excavation work involved pursuant to the express written permission of the Board of Police Commissioners through its Executive Director. The Executive Director, on behalf of the Board, may grant this permission, upon application in writing, where the work proposed to be done is in the public interest, or where hardship or injustice, or unreasonable delay would result from its interruption during the hours mentioned above, or where the building or structure involved is devoted or intended to be devoted to a use immediately related to public defense. The provisions of this section shall not in any event apply to construction, repair or excavation work done within any district zoned for manufacturing or industrial uses under the provisions of Chapter I of this Code, nor to emergency work necessitated by any flood, fire or other catastrophe. **(Amended by Ord. No. 178,160, Eff. 2/12/07.)**

(c) **(Amended by Ord. No. 166,170, Eff. 9/29/90.)** No person, other than an individual homeowner engaged in the repair or construction of his single-family dwelling shall perform any construction or repair work of any kind upon, or any earth grading for, any building or structure located on land developed with residential buildings under the provisions of Chapter I of this Code, or perform such work within 500 feet of land so occupied, before 8:00 a.m. or after 6:00 p.m. on any Saturday or national holiday nor at any time on any Sunday. In addition, the operation, repair or servicing of construction equipment and the job-site delivering of construction materials in such areas shall be prohibited on Saturdays and on Sundays during the hours herein specified. The provisions of this subsection shall not apply to persons engaged in the emergency repair of:

1. Any building or structure.

2. Earth supporting or endangering any building or structure.

3. Any public utility.

4. Any public way or adjacent earth.

(d) The provisions of Subsection (c) shall not apply to construction work done on the Metro Rail Project and the tunnel-station portions of the Los Angeles-Long Beach Rail Project between Sixth to Twelfth Streets, provided however that this construction work shall not include the utilization of soldier pile drilling, vibrating hammer driving, blasting, or any construction activities that will exceed the ambient noise levels as provided in the action of the Police Commission, pursuant to Subsection (b) above, granting a variance for this work. In addition, this construction work will be subject to all the conditions of the conditional variance granted by the Board through its Executive Director. This section shall have no force or effect upon completion of the construction work described here. **(Amended by Ord. No. 178,160, Eff. 2/12/07.)**

(e) The provisions of this section shall not apply to construction work done by CALTRANS to repair the collapsed sections of the Santa Monica Freeway within a one mile radius of the intersection of Interstate 10 and Fairfax Avenue. This section shall have no force and effect upon completion of the construction work herein described. **(Added by Ord. No. 169,669, Eff. 5/13/94.)**

(f) The provisions of this section shall not apply to construction work done by the County of Los Angeles in connection with Phases 2 and 3 of Unit 5 of the Hollyhills Storm Drain Project, including the installation of temporary bridges and any other structures necessary to regulate or direct traffic because of the storm drain construction. Unit 5 construction is within the area bounded by Beverly Boulevard, 3rd Street, La Cienega Boulevard and San Vicente Boulevard. Phases 2 and 3 involve several underground concrete structures to be built in and around the intersection of La Cienega and San Vicente Boulevards. This section shall have no force and effect upon completion of the construction work herein specified. **(Added by Ord. No. 172, 091, Eff. 7/3/98.)**

(g) The provisions of Subsection (c) shall not apply to construction work undertaken from March 31, 2000 to August 20, 2000 that must be done prior to the Democratic National Convention, provided however that such construction work will be subject to all conditions established by the Los Angeles Police Department Noise Enforcement Team, in 1) the downtown area bounded by Union Street on the west, Washington on the south, San Pedro on the east, and 101 Freeway on the North, including but not limited to work undertaken in compliance with construction permits issued by the Bureau of Engineering, water line improvements/installation, sewer construction, fiber optic installation, and street paving or is associated with the Convention such as installation and removal of security barriers and fencing and 2) the Windward Plaza area of Venice Beach, between 18th Place and Horizon Avenue from the western border of Ocean Front Walk to the beach, for the Venice Beach Ocean Front Walk Refurbishment Project under the direction of the City of Los Angeles Department of Recreation and Parks Department. This section shall have no force and effect after August 20, 2000. **(Added by Ord. No. 173,154, Eff. 4/30/00.)**

(h) The provisions of Subsection (c) shall not apply to the construction work done by the City of Los Angeles in connection with the portion of the Stone-Hollywood Trunk Line from Stone Canyon Reservoir service area to the Hollywood Reservoir service area as part of the Hollywood Water Quality Improvement Project undertaken on Pico Boulevard, including all structures and

operations necessary for construction and/or to regulate or direct traffic due to construction activities. This section shall have no force and effect upon completion of the construction work herein specified. **(Added by Ord. No. 173,746, Eff. 1/23/01.)**

[(i) None.]

(j) As determined by the Executive Director of the Board, the provisions of Subsection (c) shall not apply to major public works construction by the City of Los Angeles and its proprietary Departments, including all structures and operations necessary to regulate or direct traffic due to construction activities. The Board, through its Executive Director, pursuant to Subsection (b) will grant a variance for this work and construction activities will be subject to all conditions of the variance as granted. Concurrent with the request for a variance, the City Department that will conduct the construction work will notify each affected Council district office and established Neighborhood Council of projects where proposed Sunday and/or Holiday work will occur. **(Amended by Ord. No. 178,160, Eff. 2/12/07.)**

(k) **Noise Variance Application Fee.** Any application to the Board for a noise variance under Subsection (b) shall be accompanied by payment of an application fee of $360.00. **(Amended by Ord. No. 185,605, Eff. 7/8/18.)**

CONSTRUCTION NOISE MODELING

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/15/2021
Case Description: BSS-13

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Demolition	Residential	60.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	50.0	0.0
Dozer	No	40		81.7	50.0	0.0
Tractor	No	40	84.0		50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	89.6	85.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/15/2021
Case Description: BSS-13

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Site Preperation	Residential	60.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Grader	No	40	85.0		50.0	0.0
Tractor	No	40	84.0		50.0	0.0
Front End Loader	No	40		79.1	50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Grader	85.0	81.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	85.0	84.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/15/2021
Case Description: BSS-13

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Grading	Residential	60.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20		89.6	50.0	0.0
Dozer	No	40		81.7	50.0	0.0
Tractor	No	40	84.0		50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Concrete Saw	89.6	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer	81.7	77.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	89.6	85.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/15/2021
Case Description: BSS-13

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Building Construction	Residential	60.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Crane	No	16		80.6	50.0	0.0
Tractor	No	40	84.0		50.0	0.0
Front End Loader	No	40		79.1	50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Crane	80.6	72.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	84.0	81.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/15/2021
Case Description: BSS-13

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Paving	Residential	60.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Drum Mixer	No	50		80.0	50.0	0.0
Tractor	No	40	84.0		50.0	0.0
Front End Loader	No	40		79.1	50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Drum Mixer	80.0	77.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Tractor	84.0	80.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Front End Loader	79.1	75.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	84.0	82.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 04/15/2021
Case Description: BSS-13

**** Receptor #1 ****

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Coating	Residential	60.0	55.0	50.0

Equipment

Description	Impact Device	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Compressor (air)	No	40		77.7	50.0	0.0

Results

	Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Compressor (air)	77.7	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	77.7	73.7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

BSS-13 Vibration Annoyance Attenuation Calculations

Levels in VdB

BSS-13	**Vibration @ 25 ft**	**Residential**	**Residential**	**Equitas Aacademy**	**Rosemary Hotel**
Distance in feet		*175*	*180*	*280*	*340*
Clam shovel	94.0	68.6	68.3	62.5	60.0
Vibratory Roller	94.0	68.6	68.3	62.5	60.0
Hoe Ram	87.0	61.6	61.3	55.5	53.0
Large Bulldozer	87.0	61.6	61.3	55.5	53.0
Caisson Drilling	87.0	61.6	61.3	55.5	53.0
Loaded Trucks	86.0	60.6	60.3	54.5	52.0
Jackhammer	79.0	53.6	53.3	47.5	45.0
Small Bulldozer	58.0	32.6	32.3	26.5	24.0

BSS-13 Vibration Damage Attenuation Calculations

		Levels in in/sec PPV		
Distance in feet	**Vibration Reference Level at *25 feet***	**Commercial Bank to west** *16*	**Residential to east** *30*	**Residential Area to east** *120*
Clam shovel	0.202	0.395	0.154	**0.019**
Vibratory Roller	0.21	0.410	0.160	**0.020**
Hoe Ram	0.089	0.174	0.068	**0.008**
Large Bulldozer	0.089	0.174	0.068	**0.008**
Caisson Drilling	0.089	0.174	0.068	**0.008**
Loaded Trucks	0.076	0.148	0.058	**0.007**
Jackhammer	0.035	0.068	0.027	**0.003**
Small Bulldozer	0.003	0.006	0.002	**0.000**

TRAFFIC NOISE INCREASE CALCULATIONS

Traffic Noise Calculator: FHWA 77-108 **Project Title: Existing BSS-13**

	Output						Inputs													
	dBA at 50 feet			Distance to CNEL Contour																
ID	$L_{eq\text{-}24hr}$	L_{dn}	CNEL	70 dBA	65 dBA	60 dBA	Roadway	Segment	ADT	Posted Speed Limit	Grade	% Autos	% Med Trucks	% Heavy Trucks	% Daytime	% Evening	% Night	Number of Lanes	Site Condition	Distance to Reciever
1	55.7	58.6	59.2	4	13	42	Beacon Avenue - north of Olympic Boulevard		2,350	35	0.0%	98.7%	0.0%	1.3%	75.9%	13.2%	10.9%	2	Hard	50
2	50.6	53.6	54.2	1	4	13	Beacon Avenue - south of Olympic Boulevard		738	35	0.0%	98.7%	0.0%	1.3%	75.9%	13.2%	10.9%	2	Hard	50
3	67.7	70.9	71.5	70	221	698	Olympic Boulevard - east of Beacon Boulevard		36,925	35	0.0%	98.7%	0.0%	1.3%	75.7%	12.1%	12.3%	4	Hard	50
4	67.7	71.0	71.5	70	221	700	Olympic Boulevard - west of Beacon Boulevard		37,038	35	0.0%	98.7%	0.0%	1.3%	75.7%	12.1%	12.3%	4	Hard	50
5	50.6	53.6	54.2	1	4	13	Beacon Avenue - north of 11th street		738	35	0.0%	98.7%	0.0%	1.3%	75.9%	13.2%	10.9%	2	Hard	50
7	59.0	62.0	62.6	9	29	91	11th Street - east of Beacon Avenue		5,113	35	0.0%	98.7%	0.0%	1.3%	75.9%	13.2%	10.9%	2	Hard	50
8	58.9	61.9	62.5	9	28	88	11th Street - west of Beacon Avenue		4,975	35	0.0%	98.7%	0.0%	1.3%	75.9%	13.2%	10.9%	2	Hard	50
9	59.0	62.2	62.7	9	30	94	Burlington Avenue - north of Olympic Boulevard		5,063	35	0.0%	98.7%	0.0%	1.3%	75.7%	12.1%	12.3%	2	Hard	50
10	59.4	62.6	63.1	10	32	102	Burlington Avenue - south of Olympic Boulevard		5,513	35	0.0%	98.7%	0.0%	1.3%	75.7%	12.1%	12.3%	2	Hard	50
11	67.7	71.0	71.5	70	221	700	Olympic Boulevard - east of Burlington Avenue		37,038	35	0.0%	98.7%	0.0%	1.3%	75.7%	12.1%	12.3%	4	Hard	50
12	67.7	71.0	71.5	70	221	700	Olympic Boulevard - west of Burlington Avenue		37,013	35	0.0%	98.7%	0.0%	1.3%	75.7%	12.1%	12.3%	4	Hard	50

Bright Star BSS-13
Traffic Noise Calculations

	ADT Volumes				dBA CNEL Increae						
Roadway Segment	Existing No Project	Existing Plus Project	Future without Project	Future with Project	Project Noise Increase	Cumulative Increase	Project Cumulative Contribution	Existing Conditions, CNEL dBA	Allowable Increase based on FFA Criteria	Project Increase	Cumulative Increase
Beacon Avenue - north of Olympic Boulevard	2,350	2,857	2,613	3,120	0.8	1.2	0.8	59.2	5	LTS	LTS
Beacon Avenue - south of Olympic Boulevard	738	1,245	775	1,282	2.3	2.4	2.2	54.2	5	LTS	LTS
Olympic Boulevard - east of Beacon Boulevard	36,925	37,432	39,450	39,957	0.1	0.3	0.1	71.5	1.5	LTS	LTS
Olympic Boulevard - west of Beacon Boulevard	37,038	37,545	39,588	40,095	0.1	0.3	0.1	71.5	1.5	LTS	LTS
Beacon Avenue - north of 11th street	738	1,245	775	1,282	2.3	2.4	2.2	54.2	5	LTS	LTS
11th Street - east of Beacon Avenue	5,113	5,620	5,438	5,945	0.4	0.7	0.4	62.6	3	LTS	LTS
11th Street - west of Beacon Avenue	4,975	5,482	5,288	5,795	0.4	0.7	0.4	62.5	3	LTS	LTS
Burlington Avenue - north of Olympic Boulevard	5,063	5,570	5,263	5,770	0.4	0.6	0.4	62.7	3	LTS	LTS
Burlington Avenue - south of Olympic Boulevard	5,513	6,020	5,788	6,295	0.4	0.6	0.4	63.1	3	LTS	LTS
Olympic Boulevard - east of Burlington Avenue	37,038	37,545	39,550	40,057	0.1	0.3	0.1	71.5	1.5	LTS	LTS
Olympic Boulevard - west of Burlington Avenue	37,013	37,520	39,525	40,032	0.1	0.3	0.1	71.5	1.5	LTS	LTS

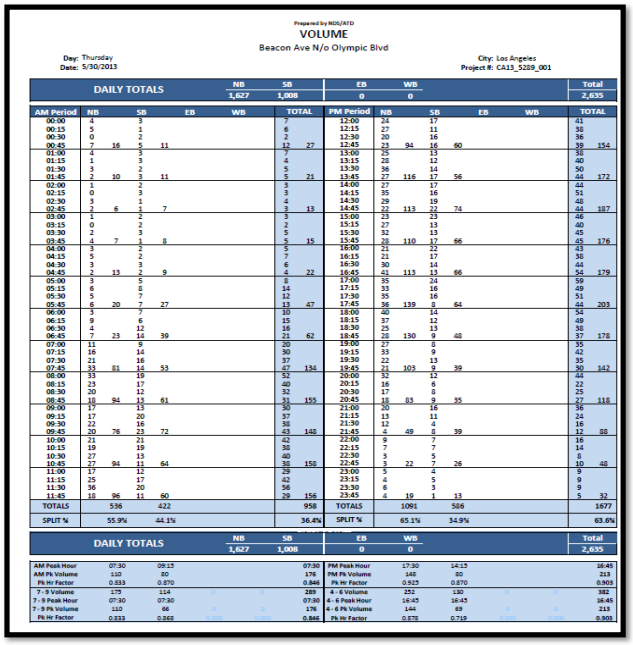
Day Evening Night Splits

Beacon Ave Nof Olympic Blvd 2635

														Total per Split	Split %
7am - 7pm	134	155	148	158	156	154	172	187	176	179	203	178		2000	75.9%
7pm - 10pm	142	118	88											348	13.2%
10pm - 7 am	48	32	27	21	13	15	22	47	62					287	10.9%
Grand Total														2635	

Olympic Blvd wof Beacon Ave 33508

														Total per Split	Split %
7am - 7pm	2211	2586	2072	1748	1765	1762	1804	1994	1971	2343	2666	2433		25355	75.7%
7pm - 10pm	1679	1243	1118											4040	12.1%
10pm - 7 am	922	602	318	242	188	120	208	413	1100					4113	12.3%
Grand Total														33508	



Prepared by NDS/ATD

VOLUME

Beacon Ave N/o Olympic Blvd

Day: Thursday
Date: 5/30/2013

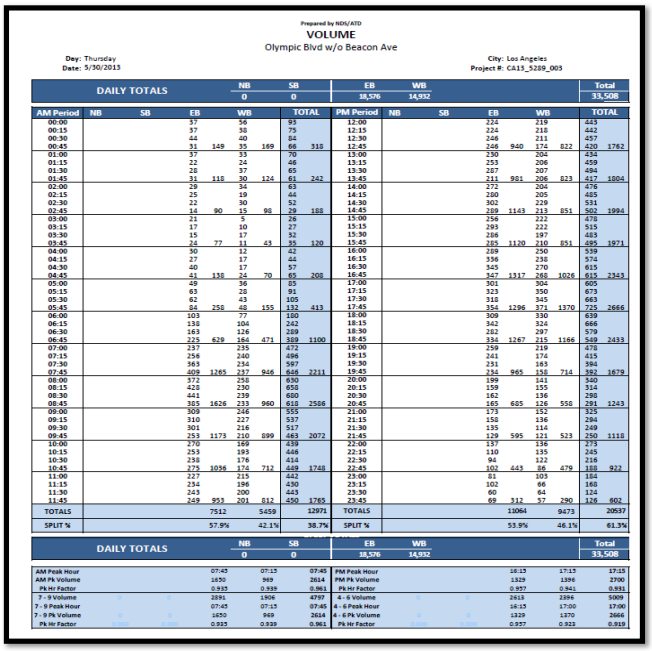
City: Los Angeles
Project #: CA13_5289_001

DAILY TOTALS	NB	SB	EB	WB	Total
	1,627	1,008	0	0	2,635

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	4	3			7	12:00	24	17			41
00:15	5	1			6	12:15	27	11			38
00:30	0	2			2	12:30	20	16			36
00:45	7 16	5 11			12 27	12:45	23 94	16 60			39 154
01:00	4	3			7	13:00	25	15			38
01:15	1	3			4	13:15	28	12			40
01:30	3	2			5	13:30	36	14			50
01:45	2 10	3 11			5 21	13:45	27 116	17 56			44 172
02:00	1	2			3	14:00	27	17			44
02:15	0	3			3	14:15	35	16			51
02:30	3	1			4	14:30	29	19			48
02:45	2 6	1 7			3 13	14:45	22 113	22 74			44 187
03:00	1	2			3	15:00	23	23			46
03:15	0	2			2	15:15	27	13			40
03:30	2	3			5	15:30	32	13			45
03:45	4 7	1 8			5 15	15:45	28 110	17 66			45 176
04:00	3	2			5	16:00	21	22			43
04:15	5	2			7	16:15	21	17			38
04:30	3	3			6	16:30	30	14			44
04:45	2 13	2 9			4 22	16:45	41 113	13 66			54 179
05:00	3	5			8	17:00	35	24			59
05:15	6	8			14	17:15	33	16			49
05:30	5	7			12	17:30	35	16			51
05:45	6 20	7 27			13 47	17:45	36 139	8 64			44 203
06:00	3	7			10	18:00	40	14			54
06:15	9	6			15	18:15	37	12			49
06:30	4	12			16	18:30	25	13			38
06:45	7 23	14 39			21 62	18:45	28 130	9 48			37 178
07:00	11	9			20	19:00	27	8			35
07:15	16	14			30	19:15	33	9			42
07:30	21	16			37	19:30	22	13			35
07:45	33 81	14 53			47 134	19:45	21 103	9 39			30 142
08:00	33	19			52	20:00	32	12			44
08:15	23	17			40	20:15	16	6			22
08:30	20	12			32	20:30	17	8			25
08:45	18 94	13 61			31 155	20:45	18 83	9 35			27 118
09:00	17	13			30	21:00	20	16			36
09:15	17	20			37	21:15	13	11			24
09:30	22	16			38	21:30	12	4			16
09:45	20 76	23 72			43 148	21:45	4 49	8 39			12 88
10:00	21	21			42	22:00	9	7			16
10:15	19	19			38	22:15	7	7			14
10:30	27	13			40	22:30	3	5			8
10:45	27 94	11 64			38 158	22:45	3 22	7 26			10 48
11:00	17	12			29	23:00	5	4			9
11:15	25	17			42	23:15	4	5			9
11:30	36	20			56	23:30	6	3			9
11:45	18 96	11 60			29 156	23:45	4 19	1 13			5 32
TOTALS	536	422			958	TOTALS	1091	586			1677
SPLIT %	55.9%	44.1%			36.4%	SPLIT %	65.1%	34.9%			63.6%

DAILY TOTALS	NB	SB	EB	WB	Total
	1,627	1,008	0	0	2,635

AM Peak Hour	07:30	09:15			07:30	PM Peak Hour	17:30	14:15		16:45
AM Pk Volume	110	80			176	PM Pk Volume	148	80		213
Pk Hr Factor	0.833	0.870			0.846	Pk Hr Factor	0.925	0.870		0.903
7 - 9 Volume	175	114			289	4 - 6 Volume	252	130		382
7 - 9 Peak Hour	07:30	07:30			07:30	4 - 6 Peak Hour	16:45	16:45		16:45
7 - 9 Pk Volume	110	66			176	4 - 6 Pk Volume	144	69		213
Pk Hr Factor	0.833	0.868			0.846	Pk Hr Factor	0.878	0.719		0.903



Prepared by NDS/ATD

VOLUME

Olympic Blvd w/o Beacon Ave

Day: Thursday
Date: 5/30/2013

City: Los Angeles
Project #: CA13_5289_003

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	18,576	14,932	33,508

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00			37	56	93	12:00			224	219	443
00:15			37	38	75	12:15			224	218	442
00:30			44	40	84	12:30			246	211	457
00:45			31 149	35 169	66 318	12:45			246 940	174 822	420 1762
01:00			37	33	70	13:00			230	204	434
01:15			22	24	46	13:15			253	206	459
01:30			28	37	65	13:30			287	207	494
01:45			31 118	30 124	61 242	13:45			211 981	206 823	417 1804
02:00			29	34	63	14:00			272	204	476
02:15			25	19	44	14:15			280	205	485
02:30			22	30	52	14:30			302	229	531
02:45			14 90	15 98	29 188	14:45			289 1143	213 851	502 1994
03:00			21	5	26	15:00			256	222	478
03:15			17	10	27	15:15			293	222	515
03:30			15	17	32	15:30			286	197	483
03:45			24 77	11 43	35 120	15:45			285 1120	210 851	495 1971
04:00			30	12	42	16:00			289	250	539
04:15			27	17	44	16:15			336	238	574
04:30			40	17	57	16:30			345	270	615
04:45			41 138	24 70	65 208	16:45			347 1317	268 1026	615 2343
05:00			49	36	85	17:00			301	304	605
05:15			63	28	91	17:15			323	350	673
05:30			62	43	105	17:30			318	345	663
05:45			54 258	48 155	132 413	17:45			356 1296	371 1370	725 2666
06:00			103	77	180	18:00			309	330	639
06:15			138	104	242	18:15			342	324	666
06:30			163	126	289	18:30			282	297	579
06:45			225 629	164 471	389 1100	18:45			334 1267	215 1166	549 2433
07:00			237	235	472	19:00			259	219	478
07:15			256	240	496	19:15			241	174	415
07:30			363	234	597	19:30			231	163	394
07:45			409 1265	237 946	646 2211	19:45			234 965	158 714	392 1679
08:00			372	258	630	20:00			199	141	340
08:15			428	230	658	20:15			159	155	314
08:30			441	239	680	20:30			162	136	298
08:45			385 1626	233 960	618 2586	20:45			165 685	126 558	291 1243
09:00			309	246	555	21:00			173	152	325
09:15			310	227	537	21:15			158	136	294
09:30			301	216	517	21:30			135	114	249
09:45			253 1173	210 899	463 2072	21:45			129 595	121 523	250 1118
10:00			270	169	439	22:00			137	136	273
10:15			253	193	446	22:15			110	135	245
10:30			258	176	434	22:30			94	122	216
10:45			275 1036	174 712	449 1748	22:45			102 443	86 479	188 922
11:00			227	215	442	23:00			81	103	184
11:15			234	196	430	23:15			102	66	168
11:30			243	200	443	23:30			60	64	124
11:45			249 953	201 812	450 1765	23:45			69 312	57 290	126 602
TOTALS			7512	5459	12971	TOTALS			11064	9473	20537
SPLIT %			57.9%	42.1%	38.7%	SPLIT %			53.9%	46.1%	61.3%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	18,576	14,932	33,508

AM Peak Hour			07:45	07:15	07:45	PM Peak Hour			16:15	17:15	17:15
AM Pk Volume			1650	969	2614	PM Pk Volume			1329	1396	2700
Pk Hr Factor			0.935	0.939	0.961	Pk Hr Factor			0.957	0.941	0.931
7 - 9 Volume			2891	1806	4797	4 - 6 Volume			2613	2396	5009
7 - 9 Peak Hour			07:45	07:15	07:45	4 - 6 Peak Hour			16:15	17:00	17:00
7 - 9 Pk Volume			1650	969	2614	4 - 6 Pk Volume			1329	1370	2666
Pk Hr Factor			0.935	0.939	0.961	Pk Hr Factor			0.957	0.923	0.919

Appendix G. Traffic Impact Assessment

Appendices

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LINSCOTT
LAW &
GREENSPAN
engineers

TRANSPORTATION ASSESSMENT

RISE KOHYANG MIDDLE SCHOOL

City of Los Angeles, California
March 2, 2021

Prepared for:

Bright Star Schools
600 South La Fayette Park Place, Suite 302
Los Angeles, CA 90057

LLG Ref. 5-20-0493-1

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APPENDIX

A. Approved Transportation Assessment Memorandum of Understanding

B. LADOT VMT Calculator Output

C. Manual Traffic Count Data

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TRANSPORTATION ASSESSMENT

RISE KOHYANG MIDDLE SCHOOL

City of Los Angeles, California
March 2, 2021

1.0 INTRODUCTION

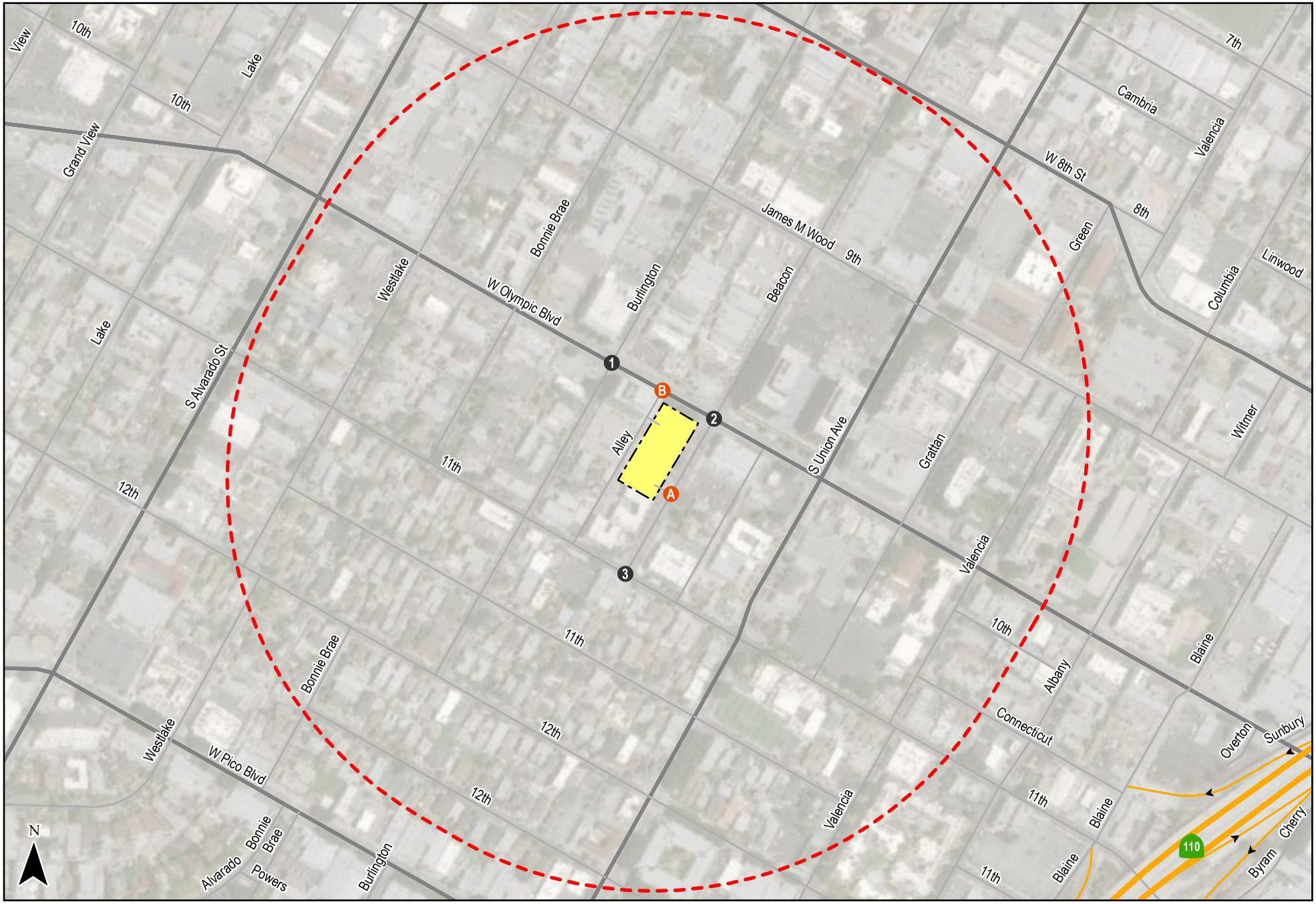
1.1 Transportation Assessment Overview

This transportation assessment has been conducted to identify and evaluate the potential transportation impacts of the proposed Rise Kohyang Middle School project (the "Project") located at 1700 W. Olympic Boulevard (the "Project Site") on the surrounding street system. The Project Site is located in the Westlake Community Plan Area of the City of Los Angeles, California. The Project Site is generally bounded by Olympic Boulevard to the north, multifamily housing to the south, Beacon Avenue to the east, and an existing alleyway to the west. The Project Site location and general vicinity are shown in ***Figure 1–1***.

The transportation analysis follows the City of Los Angeles (the "City") transportation assessment guidelines[1] (TAG). The City's TAG are focused on transportation metrics that promote: the reduction of greenhouse gas emissions, the development of multimodal networks and access to diverse land uses, as well as safety, sustainability and smart growth. In compliance with the California Environmental Quality Act (CEQA), the City's TAG identify vehicle miles traveled (VMT) as the primary metric for evaluating a project's transportation impacts along with whether the proposed project conflicts or is inconsistent with local plans and policies. In addition, the City's TAG require evaluation of non-CEQA mobility elements such as pedestrian, bicycle and transit access, project access and circulation, project construction, and the potential for residential street intrusion.

This transportation assessment presents (i) a CEQA assessment of whether the Project conflicts or is inconsistent with local transportation-related plans and policies, (ii) a CEQA assessment of Project-related VMT, (iii) a CEQA assessment of whether the Project increases hazards due to a geometric design feature or incompatible use, (iv), a CEQA freeway safety analysis, (v) a non-CEQA assessment of pedestrian, bicycle and transit access, (vi) a non-CEQA evaluation of Project access, safety and circulation, , (vii) a non-CEQA traffic signal warrant analysis for the Beacon Avenue / Olympic Boulevard intersection, and (viii) a non-CEQA review of Project construction activities.

[1] *Los Angeles Department of Transportation (LADOT) Transportation Assessment Guidelines,* LADOT, July 2020.



LINSCOTT LAW & GREENSPAN engineers

N:\0493\Figure
Date: 11/11/2020
Time: 1:21 PM

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- # Study Intersection
- # Project Access Point
- Project Site
- 0.25-Mile Boundary

Figure 1-1
Vicinity Map

RISE KOHYANG MIDDLE SCHOOL

1.2 Study Area

The CEQA and non-CEQA analysis criteria for this transportation assessment were identified in consultation with City of Los Angeles Department of Transportation (LADOT) staff. The analysis criteria were determined based on the City's TAG, the proposed Project description and location, and the characteristics of the surrounding transportation system. While the Los Angeles Unified School District (LAUSD) is the Lead Agency for this Project under CEQA, it was determined that LADOT would be the agency responsible for reviewing the transportation assessment. LADOT confirmed the appropriateness of the analysis criteria when it entered into a transportation assessment Memorandum of Understanding (MOU) for the Project on November 17, 2020. The approved MOU is contained in ***Appendix A***.

2.0 PROJECT DESCRIPTION

2.1 Project Site Location

The Project Site is located at 1700 W. Olympic Boulevard in the Westlake Community Plan Area of the City. The Project Site is generally bounded by Olympic Boulevard to the north, multifamily housing to the south, Beacon Avenue to the east, and an existing alleyway to the west. The Project Site location and general vicinity are shown in *Figure 1–1*.

The Project Site is located within a Transit Priority Area (TPA) and is currently served by many local lines and regional/commuter lines via stops located within convenient walking distance along Olympic Boulevard. The transit lines include: Metro Local Lines 28, 200, Metro Rapid Line 728, and DASH Pico Union/Echo Park.

2.2 Existing Project Site

The Project Site comprises approximately 0.98 acre and is currently utilized as a surface parking lot. There are currently 50 striped parking spaces serving the existing Project Site. Access to the Project Site is provided via one driveway along the south side of Olympic Boulevard and one driveway along the west side of Beacon Avenue, at the northwestern and southeastern portions of the Project Site, respectively. The Project Site is highlighted in an aerial photograph presented in ***Figure 2–1***.

2.3 Project Description

As proposed, the Project remove the existing uses to accommodate the development and construction of a four-story charter middle school with 21 classrooms, a multipurpose room, servery and administrative offices. The site plan for the Project is illustrated in ***Figure 2–2***. The Project will include new landscaping, a turf field, basketball court, outdoor seating areas, and a safe student dispersal area. The Project proposes to serve a maximum enrollment of 450 students in the 6th through 8th grades. The Project will provide 48 staff access-controlled parking spaces within an on-site subterranean parking garage. No school time guest parking would be provided on campus; guests would park curbside. The parking garage would be open and available for guest parking during evening events.

The school may have after-school programs for the students, such as special-interest clubs and extracurricular activities. There may also be occasional nighttime and weekend events during the school year. If the main play yard is used during the evening, temporary portable lights may be provided for the event. Some of these events would be campus-wide, such as school plays and open houses, while others would be grade specific, such as commencement.

Construction is planned to start in the 3rd quarter 2023 (actual commencement of Project construction is dependent on funding) and be completed by Q2 2025 (approximately 21 months). The start of classes is planned for Spring 2025.

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GeoEye, Maxar, Microsoft

Figure 2-1
Project Site Aerial

RISE KOHYANG MIDDLE SCHOOL

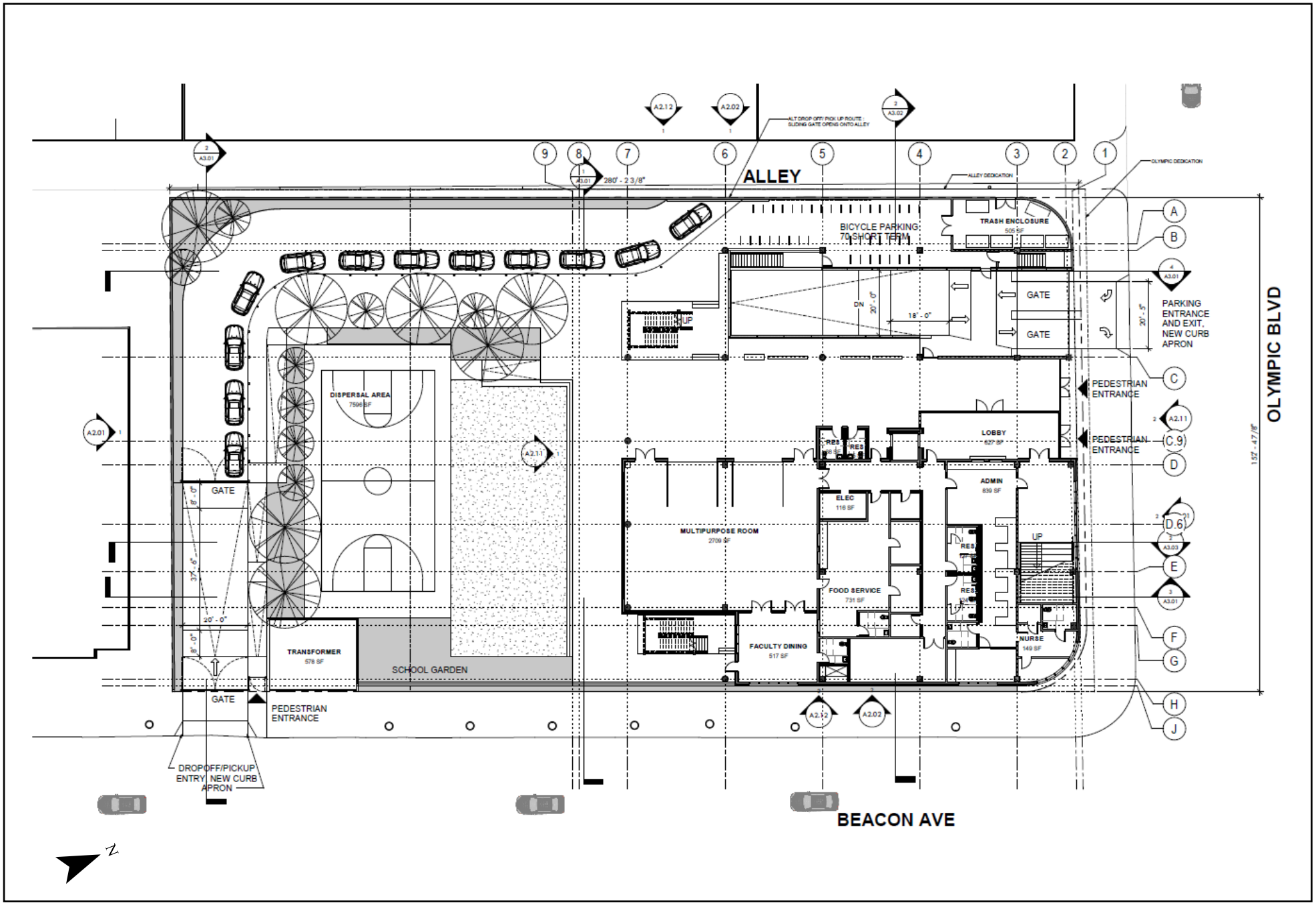

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Figure 2-2
Project Site Plan

RISE KOHYANG MIDDLE SCHOOL

2.4 Vehicular Project Site Access

Vehicular access to the Project Site will be provided by one inbound-only driveway along the west side of Beacon Avenue. The Beacon Avenue driveway will provide access to the on-site student drop-off/pick-up area. The Beacon Avenue driveway will provide right-turn ingress movements only (i.e., left-turn ingress and left- and right-turn egress movements will be prohibited). Egress from the on-site student drop-off/pick-up area will be accommodated via the alley along the west side of the Project Site, with vehicles directed northbound towards Olympic Boulevard.

An additional Project Site driveway will be provided along the south side of Olympic Boulevard. The Olympic Boulevard driveway will provide access to the staff-only on-site subterranean parking garage. The Olympic Boulevard driveway will provide right-turn ingress and egress movements only (i.e., left-turn ingress and egress movements will be prohibited). Vehicular access at the Olympic Boulevard driveway will be prohibited during student drop-off and pick-up periods.

2.5 Proposed Student Drop-Off and Pick-Up Operations

The proposed student drop-off/pick-up area is shown in *Figure 2–2*. As shown in *Figure 2–2*, vehicles destined to the Project Site to drop-off or pick-up students will make a southbound right-turn movement from Beacon Avenue into the Project Site's drop-off/pick-up area. Vehicles will then travel through the drop-off/pick-up area until they reach the to the point where student drop-off and pick-up will occur, which is at the western portion of the Project Site, adjacent to the alley. Upon completing student drop-off or pick-up, vehicles will then enter the alley adjacent to the Project Site via a right-turn movement, travel northbound through the alley, and exit onto Olympic Boulevard by a right-turn movement. The on-site drop-off/pick-up area can accommodate 15 queued vehicles. The drive aisle is approximately 20 feet in width, which is sufficient to accommodate one lane of queued vehicles (15 vehicles), plus a bypass lane to allow vehicles to bypass the queue should there be a delay related to the passenger loading/unloading of one or more of the queued vehicles. Consistent with its practice at its existing schools, Bright Star Schools will station adult monitors throughout the Project Site, at the student drop-off/pick-up point, and at the entry and exit points during the student drop-off and pick-up periods.

2.5.1 *Estimated Peak Vehicle Queue*

Private vehicles are the main component that contributes to the vehicle queuing analysis during the peak student drop-off and pick-up periods. The analysis focuses on the morning student drop-off period, as the pick-up of students tends to be dispersed on a relative basis throughout the afternoon, particularly as many students are involved with after-school activities.

The Project is forecast to generate 187 inbound trips and 119 outbound trips during the AM peak hour (refer to Subsection 2.9.1, Project Traffic Generation, for a discussion of the Project's trip generation forecast). While the trip rates published in the Institute of Transportation Engineers'

(ITE) *Trip Generation Manual*[2]do not distinguish between trips related to staff arrivals and student drop-offs in the morning, it can be generally assumed that the 119 outbound trips during the AM peak hour would correlate with at least 119 inbound trips during this period related to student drop-off operations. The remaining 68 inbound vehicle trips during the AM peak hour are likely due to administrative staff, visitors, etc., at the campus, who would arrive at the Project Site outside of the AM student drop-off period. Therefore, for this queuing analysis, it has been assumed that approximately 119 vehicles would utilize the on-site vehicle queue area during the AM peak hour as part of the student drop-off operations.

While the ITE forecasts are made for a peak one-hour (i.e., 60-minute) period, it has been observed that student drop-offs are typically concentrated in shorter timeframes leading up to the start of classes for the day. Thus, for this analysis it has been conservatively (i.e., worst case) assumed that the 119 vehicles would arrive in a 30-minute period, which is equivalent to approximately four (4) vehicles per minute. Multiplying this average arrival by two to approximate the 95th percentile confidence level of a Poisson distribution (which is typically used by transportation engineers in planning the lengths of left- and right-turn pockets at intersections) results in an estimated maximum of approximately eight (8) vehicles during the peak minute. As previously discussed, the on-site drop-off/pick-up area can accommodate 15 queued vehicles (with additional vehicle queuing available within the adjacent bypass lane, if needed). Accordingly, Project-related trips are not expected to queue into the alley and onto Beacon Avenue. Therefore, it is concluded that the planned drop-off/pick-up area can adequately accommodate the forecast peak demand of eight queued vehicles during the morning student drop-off operation.

2.6 Pedestrian and Bicycle Project Site Access

Pedestrian access to the Project Site will be via one gate on Olympic Boulevard and two gates on Beacon Avenue. The Project will provide access locations to ensure pedestrian safety in compliance with City standards (e.g., provide sidewalks and crosswalks, and other pedestrian traffic controls). Separate pedestrian entrances would provide access from the nearby public transit stops, as well as other amenities along the Olympic Boulevard corridor.

Bicycle access to the Project Site will continue to be provided via Olympic Boulevard and Beacon Avenue. The Project will provide bicycle parking on-site in compliance with the Los Angeles Municipal Code (LAMC).

2.7 Project Parking

The Project proposes to provide 48 parking spaces within a subterranean parking garage. It is noted that the parking rates for the Project are determined by LAUSD.[3] Per LAUSD requirements, 2.25 parking spaces per classroom are required for middle schools. As the Project proposes 21 classrooms, the proposed parking supply of 48 spaces meets the LAUSD vehicle parking requirements. Access to the subterranean parking garage will be provided via the

[2] Institute of Transportation Engineers, *Trip Generation Manual,* 10th Edition, Washington, D.C., 2017.
[3] *School Design Guide,* Los Angeles Unified School District, June 2020.

proposed Olympic Boulevard driveway. As noted above, vehicular access at the Olympic Boulevard driveway will be prohibited during student drop-off and pick-up periods.

2.8 Project Service Area

Loading activities associated with service and delivery operations will occur within the existing alley directly adjacent to the western portion of the Project Site. Trash and recycling facilities will be placed in the northwesterly portion of the Parking Site and will be accessible from the alley. The locations of the trash and recycling facilities are shown in *Figure 2–2*.

2.9 Project Traffic Generation and Distribution

2.9.1 *Project Traffic Generation*

Traffic generation is expressed in vehicle trip ends, defined as one-way vehicular movements, either entering or exiting the generating land use. Traffic volumes expected to be generated by the Project during the weekday AM and PM peak hours were estimated using rates provided in the ITE *Trip Generation Manual*. The following trip generation rates were used to forecast the traffic volumes expected to be generated by the Project:

- Charter Middle School: ITE Land Use Code 536 (Private School K-12) trip generation average rates were used to forecast the traffic volumes expected to be generated by the Project.

In addition to the trip generation forecasts for the Project (which are essentially an estimate of the number of vehicles that could be expected to enter and exit the Project Site access points), a, a forecast was also made of the transit trips that will be generated by the Project in lieu of trips by the private automobile. The Project Site is within a TPA and is currently served by many local lines and regional/commuter lines via stops located within convenient walking distance along Olympic Boulevard, Union Avenue, and other nearby streets. The bus lines with stops in the direct vicinity of the Project Site include: Metro Local Lines 28, 200, Metro Rapid 728, and DASH Pico Union/Echo Park. Further discussion of the transit framework is provided in Section 3.2 herein. Consistent with the TAG and approved by LADOT in the transportation assessment MOU attached to this report in *Appendix A*, a transit adjustment of 15 percent (15%) has been utilized due to the Project's proximity to nearby transit lines, as well as its location within a TPA.

The trip generation forecast for the Project was submitted for review and approval by LADOT staff. As presented in ***Table 2–1***, the Project is expected to generate 306 net new vehicle trips (187 inbound trips and 119 outbound trips) during the AM peak hour. During the PM peak hour, the Project is expected to generate 65 net new vehicle trips (28 inbound trips and 37 outbound trips).

The daily vehicle trips expected to be generated by the Project were estimated using Version 1.3 of the City's VMT Calculator. Copies of the detailed VMT Calculator worksheets for the Project are contained in ***Appendix B***. As indicated in the summary VMT Calculator worksheet, the

Table 2-1
PROJECT TRIP GENERATION [1]

26-Feb-21

LAND USE	SIZE	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
		IN	OUT	TOTAL	IN	OUT	TOTAL
Proposed Project							
Charter Middle School [3]	450 Students	220	140	360	33	44	77
Transit Trips [4]							
Charter Middle School (15%)		(33)	(21)	(54)	(5)	(7)	(12)
NET INCREASE DRIVEWAY TRIPS		**187**	**119**	**306**	**28**	**37**	**65**

[1] Source: ITE *Trip Generation Manual,* 10th Edition, 2017.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 536 (Private School K-12) trip generation average rates per number of students.
- AM Peak Hour Trip Rate: 0.80 trips/student; 61% inbound/39% outbound
- PM Peak Hour Trip Rate: 0.17 trips/student; 43% inbound/57% outbound

[4] The Project Site is located within one-quarter mile of a Metro Rapid bus stop. The trip reduction for transit trips has been applied based on the LADOT *Transportation Assessment Guidelines,* July 2020, for developments within one-quarter mile walking distance of a transit station or Rapid Bus stop.

Project is forecasted to generate 507 net new daily vehicle trips. The Project will incorporate transportation demand management (TDM) strategies as Project Design Features and Mitigation Measures. Further discussion of the TDM strategies is provided in Section 2.10. Further discussion of the VMT analysis is provided in Section 4.2.

2.9.2 *Project Traffic Distribution and Assignment*

Project traffic volumes both entering and exiting the Project Site have been distributed and assigned to the adjacent street system based on the following considerations:

- The Project Site's proximity to major traffic corridors (Olympic Boulevard, Alvarado Street, Union Avenue, SR-110 Freeway, I-10 Freeway);
- Expected localized traffic flow patterns based on adjacent roadway channelization and presence of traffic signals;
- Existing intersection traffic volumes;
- Ingress/egress availability at the Project Site assuming the site access and circulation scheme described in Section 2.4;
- The location of proposed parking areas;
- Nearby population and employment; and
- Input from LADOT staff.

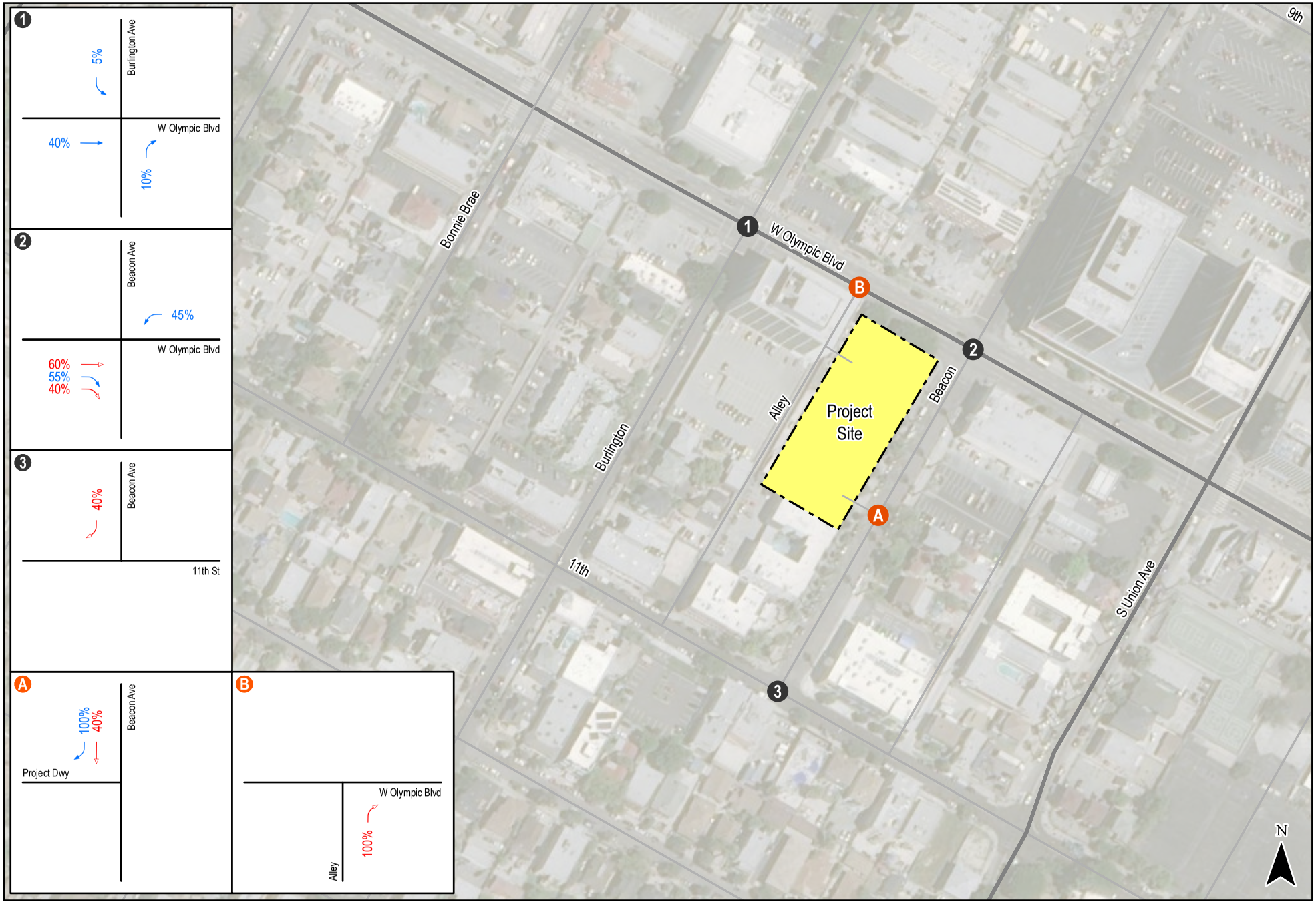
The general, directional traffic distribution patterns for Project-related trips bound to the Project Site is presented in ***Figure 2–3***. The forecasted new weekday AM and PM peak hour Project traffic volumes at the study intersections associated with the proposed Project are presented in ***Figure 2–4***. The traffic volume assignments presented in *Figure 2–4* reflect the traffic distribution characteristics shown in *Figure 2–3* and, and the Project traffic generation forecast presented in *Table 2–1*.

2.10 Project Transportation Demand Management Strategies

The Project includes three TDM strategies as Mitigation Measures or Project Design Features. The TDM strategies are listed in Table 2.2-2 of the TAG. Further discussion of the TDM strategies is provided in the sections below. Section 4.2.2 provides further discussion of the results on the VMT analysis. The TDM strategies have been incorporated into the VMT calculation prepared for the Project. Copies of the detailed VMT Calculator worksheets for the Project are contained in *Appendix B*.

2.10.1 *Transit Subsidies*

This TDM strategy involves the subsidization of transit fare for employees of the Project. As a Mitigation Measure, the subsidy will be proactively offered to each employee at least once



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GeoEye, Maxar, Microsoft

Study Intersection
Project Access Point
Inbound Trip Distribution
Outbound Trip Distribution

Figure 2-3
Project Trip Distribution

RISE KOHYANG MIDDLE SCHOOL

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GeoEye, Maxar, Microsoft

Study Intersection
Project Access Point
AM/PM Peak Hour Volumes

Figure 2-4
Net New Project Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL

annually for a minimum of five years. At the time of initial opening, the Project will offer a daily transit subsidy to all employees of $2.98 per day.

2.10.2 *Ride-Share Program*

As a Mitigation Measure, the Project will proactively aim to increase employee vehicle occupancy by providing ride-share matching services, designating preferred parking for ride-share participants, designing adequate passenger loading/unloading and waiting areas for ride-share vehicles, and providing a website or message board to connect riders and coordinate rides.

2.10.3 *Include Bike Parking per Los Angeles Municipal Code*

Table 12.21.A.16(a)(2) in the LAMC provides the required short-term and long-term bicycle parking spaces for the Project. The Project will provide the LAMC-required number of short-term and long-term bicycle parking spaces on-site as a Project Design Feature.

The short-term bicycle parking ratios are as follows:

- Charter Middle School (21 classrooms): 4 spaces per classroom (84 spaces).

The long-term bicycle parking ratios are as follows:

- Charter Middle School (21 classrooms): 1 space per 10 classrooms (2 spaces).

Based on the above, the Project is required to provide 84 short-term and two long-term bicycle parking spaces, for a total of 86 bicycle parking spaces. The Project will provide 42 U-shaped bicycle racks, which provides short-term parking for 84 bicycles. Additionally, the Project will provide two bicycle lockers for long-term bicycle storage.

3.0 PROJECT CONTEXT

3.1 Non-Vehicle Transport System

3.1.1 *Pedestrian Framework*

Public sidewalks and pedestrian facilities are provided on Olympic Boulevard and Beacon Avenue. Specifically, public sidewalks approximately five feet in width are provided along the Project Site's Olympic Boulevard frontage. Additionally, public sidewalks approximately eight feet in width are provided along the Project Site's Beacon Avenue frontage. Potential pedestrian destinations located within an approximately one-quarter mile radius (i.e., 1,320 feet) from the Project Site are noted in ***Figure 3–1***, per Section 3.2.4 of the TAG. ***Figure 3–2*** shows the existing pedestrian and transit facilities within an approximately one-quarter mile radius (i.e., 1,320 feet) from the Project Site. As presented in *Figure 3–2*, the following pedestrian facilities currently are provided in the vicinity of the Project Site:

- ADA access ramps, including some with the yellow truncated domes, which are designed to assist and warn pedestrians who are blind or visually impaired, are provided at the following intersections in the immediate vicinity of the Project Site:
  - Burlington Avenue / Olympic Boulevard
  - Beacon Avenue / Olympic Boulevard
  - Union Avenue / Olympic Boulevard
  - 11th Street / Olympic Boulevard
- Traditional parallel bar or continental style pedestrian crosswalks with varying widths of between approximately 14 feet and 16 feet are provided at the following intersections in the direct vicinity of the Project Site:
  - Burlington Avenue / Olympic Boulevard
  - Union Avenue / Olympic Boulevard
- Pedestrian crossing signals and push buttons are presently included as part of the traffic signal controls at the nearby signalized intersections that are noted in *Figure 3–2*.

The Project has been designed to encourage pedestrian activity and walking as a transportation mode. An ADA-accessible path of travel will be provided from the building entrances to the public right-of-way and along the student drop-off/pick-up area. Additionally, the Project will improve the sidewalks along the Project Site's Olympic Boulevard and Beacon Avenue frontages.

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USDA FSA, GeoEye, Maxar, Microsoft

Figure 3-1
Pedestrian Attractor Inventory

RISE KOHYANG MIDDLE SCHOOL

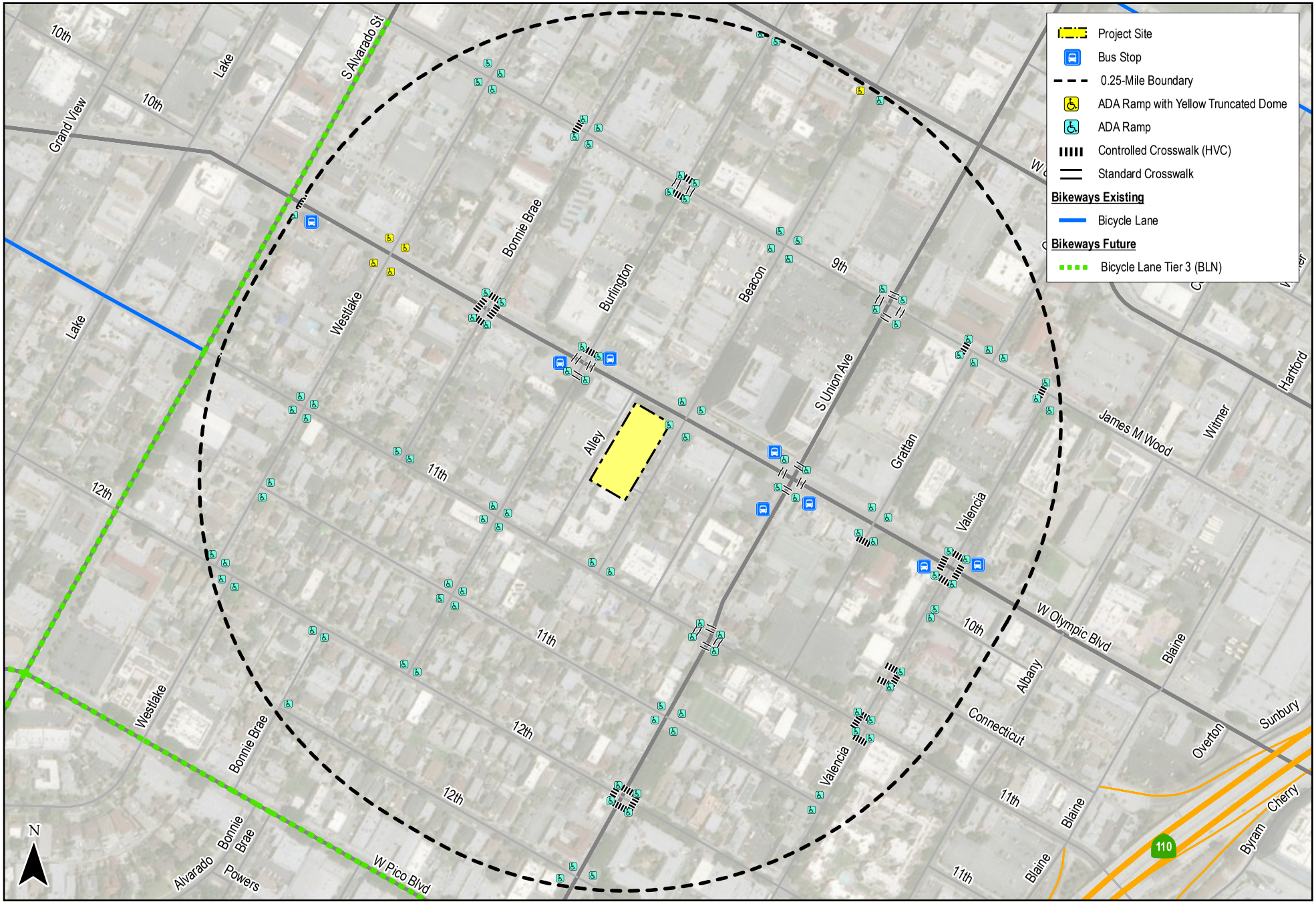

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Figure 3-2
Facilities Inventory

RISE KOHYANG MIDDLE SCHOOL

The City's Mobility Plan 2035[4] identifies a collection of arterial streets, known as Pedestrian Enhanced Districts (PEDs), where pedestrian improvements could be prioritized to provide enhanced walking connections to and from the major destinations within communities. As presented in ***Figure 3–3***, Olympic Boulevard, Alvarado Street, and Union Avenue have been designated as PEDs within the Project study area. Mobility Plan 2035 also identifies a collection of streets, known as the Neighborhood Enhanced Network (NEN), that provide comfortable and safe routes for non-motorized modes of travel such as walking. Roadways within the NEN in close proximity to the Project Site are presented in ***Figure 3–4***.

3.1.2 *Bicycle Network*

Bicycle access to the Project Site is facilitated by the City's bicycle roadway network. Existing bicycle facilities (e.g., Class I Bicycle Path, Class II Bicycle Lanes, Class III Bicycle Routes, Bicycle Friendly Streets, etc.) identified in the City's 2010 Bicycle Plan are located within an approximately 0.25-mile radius from the Project Site.[5] The 2010 Bicycle Plan goals and policies have been folded into Mobility Plan 2035 to reflect a commitment to a balanced, multi-modal viewpoint.

Neither Olympic Boulevard nor Beacon Avenue have been identified for bicycle infrastructure within the City's Bicycle Plan. However, as shown in ***Figure 3–5***, Alvarado Street has been designated for Class II Bicycle Lanes as part of the City's Tier 3 Bicycle Lane Network.

3.2 Transit Framework

The Project Site is located within a TPA and is currently served by many local lines and regional/commuter lines via stops located within convenient walking distance along Olympic Boulevard. Public transit service in the Project Site area is currently provided by the Los Angeles County Metropolitan Transit Authority (Metro), and LADOT Transit (DASH). A summary of the existing transit service, including the transit route, destinations and peak hour headways is presented in ***Table 3–1***. The existing public transit routes in the Project Site vicinity are illustrated in ***Figure 3–6***.

The City's Mobility Plan 2035 identifies a collection of streets, known as the Transit Enhanced Network (TEN), where improvements, in collaboration with transit operators, aim to provide reliable and frequent service that is convenient and safe, increase transit ridership, reduce single-occupancy vehicle trips, and integrate transit infrastructure improvements with the identity of the surrounding street. Potential enhancements range from streetscape improvements, installation of transit shelters, or installation of dedicated transit lanes. As shown in ***Figure 3–7***, Alvarado Street is identified in the City's TEN.

[4] *Mobility Plan 2035,* Los Angeles Department of City Planning, December 2015.
[5] *2010 Bicycle Plan,* Los Angeles Department of City Planning, Adopted March 1, 2011.

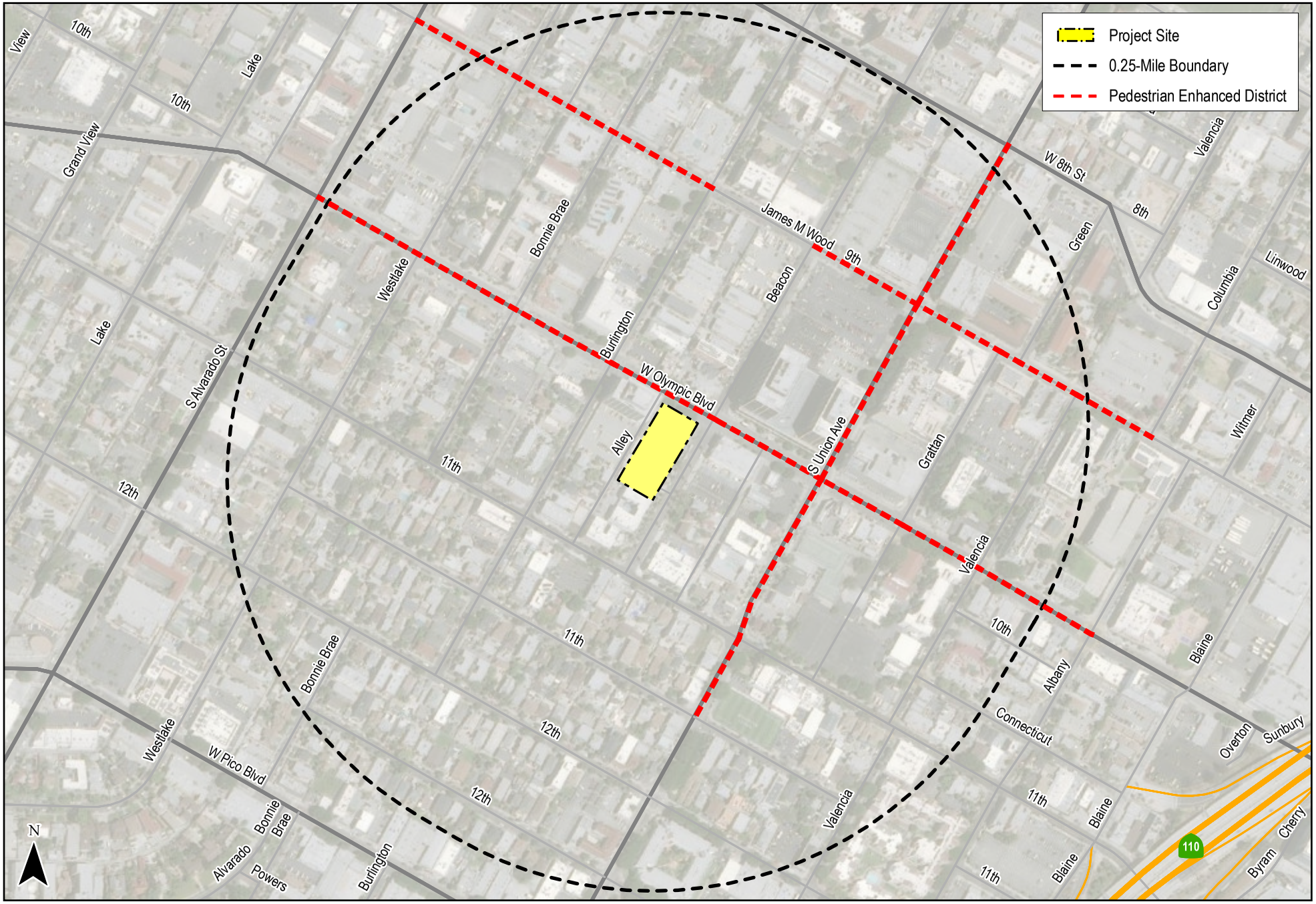

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Figure 3-3
Pedestrian Enhanced Districts

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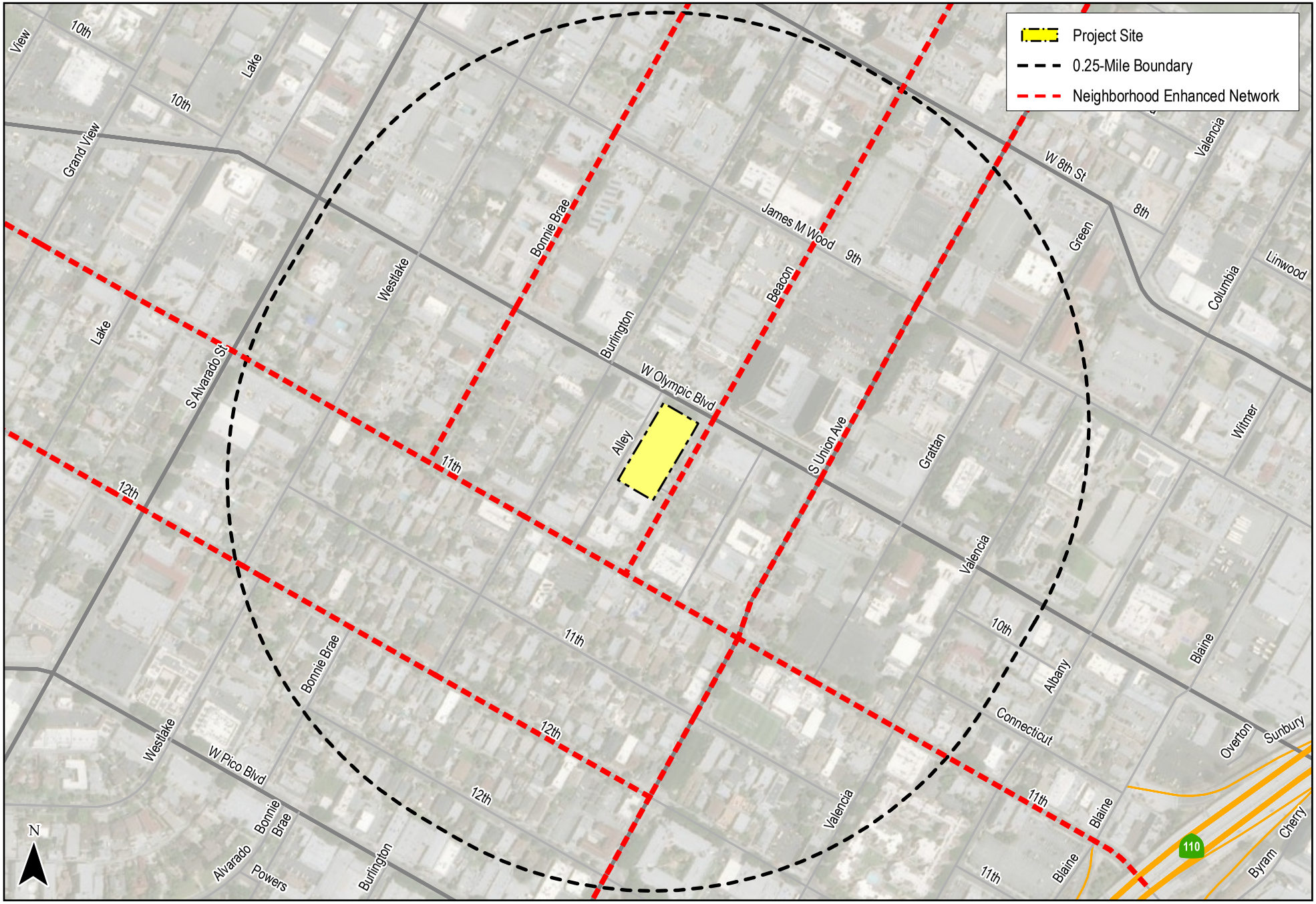

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Figure 3-4
Neighborhood Enhanced Network

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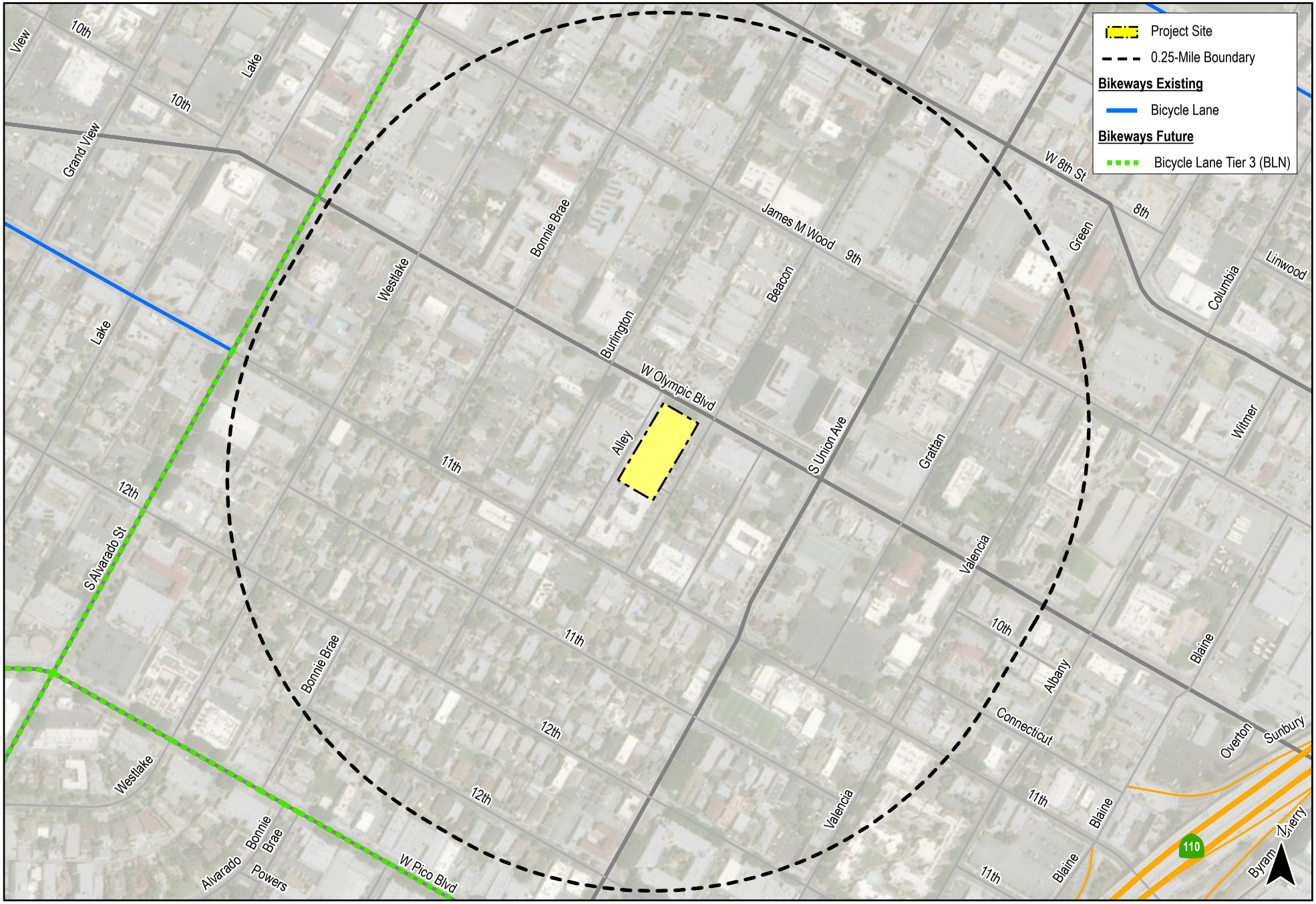

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Figure 3-5
Bicycle Network

RISE KOHYANG MIDDLE SCHOOL

Table 3-1
EXISTING PUBLIC TRANSIT ROUTES [1]

25-Nov-20

ROUTE	DESTINATIONS	ROADWAY(S) NEAR SITE	NO. OF BUSES DURING PEAK HOUR		
			DIR	AM	PM
Metro 28	Eagle Rock to Century City (via Olympic Boulevard and Eagle Rock Boulevard)	Olympic Boulevard	EB WB	3 3	4 5
Metro 200	Echo Park to Exposition Park (via Alvarado Street and Hoover Street)	Alvarado Street	NB SB	5 5	6 6
Metro Rapid 728	Downtown Los Angeles to Century City (via Olympic Boulevard)	Olympic Boulevard	EB WB	5 5	4 4
DASH Pico Union/Echo Park	Echo Park to Pico Union (via Echo Park Avenue and Union Avenue)	Union Avenue	NB SB	5 5	6 6
			Total	**36**	**41**

[1] Sources: Los Angeles County Metropolitan Transportation Authority (Metro) website, 2020.
Los Angeles Department of Transportation (DASH) website, 2020.

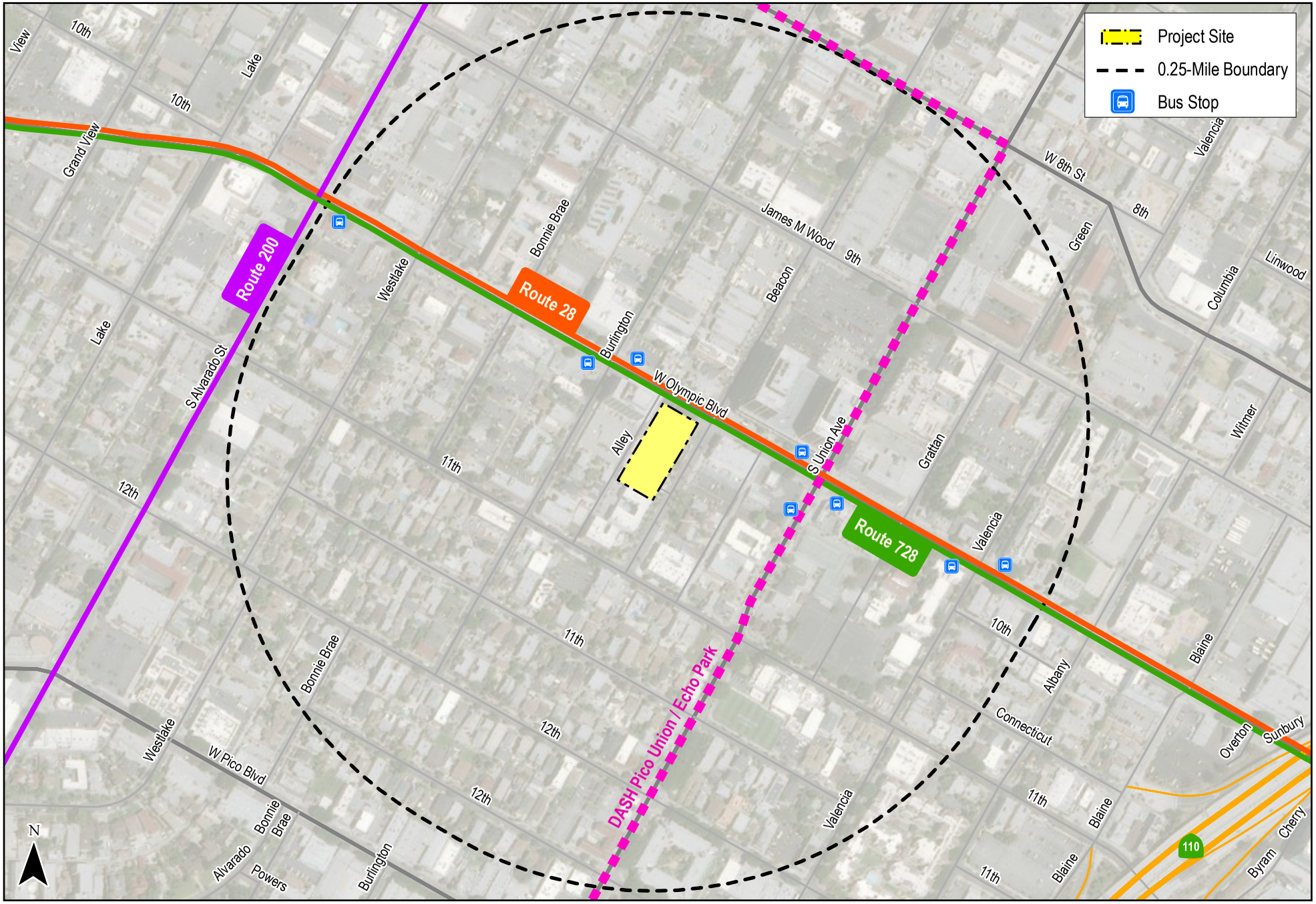

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Figure 3-6
Existing Public Transit Routes

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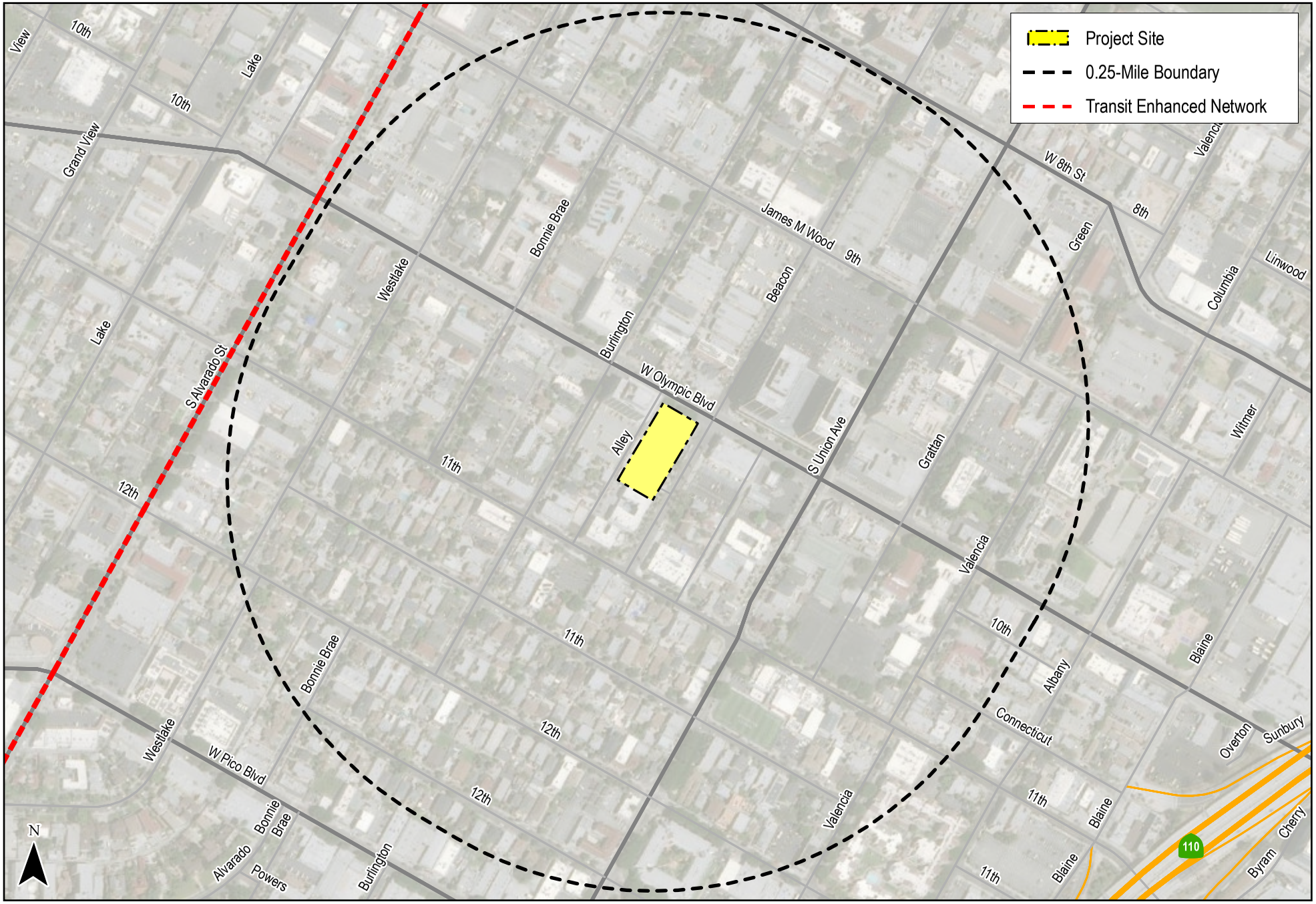

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Figure 3-7
Transit Enhanced Network

RISE KOHYANG MIDDLE SCHOOL

3.3 Vehicle Network

3.3.1 *Regional Highway Access*

Regional vehicular access to the Project Site is primarily provided by the SR-110 (Harbor) Freeway and the I-10 (Santa Monica) Freeway. Brief descriptions of the SR-110 Freeway and I-10 Freeways are provided in the following paragraphs.

SR-110 (Harbor) Freeway is a north-south freeway that extends from Pasadena to the San Pedro area of the City. In the Project vicinity, three to four mixed-flow freeway lanes are provided in each direction on the SR-110 Freeway with auxiliary merge/weave lanes provided between some interchanges, as well as two elevated carpool/transitway lanes in each direction. Northbound and southbound on-ramps, as well as a southbound off-ramp are provided at Olympic Boulevard approximately 0.5 mile east of the Project Site. Additionally, a northbound off-ramp is provided at Pico Boulevard approximately 0.8 mile east of the Project Site.

I-10 (Santa Monica) Freeway is an east-west oriented freeway that extends across Southern California. In the Project vicinity, three to four mixed-flow freeway lanes are generally provided in each direction on the I-10 Freeway with auxiliary merge/weave lanes provided between some interchanges. Eastbound and westbound ramps are provided at Hoover Street approximately 1.2 mile south of the Project Site.

3.3.2 *Local Roadway System*

The following intersections were selected in consultation with LADOT staff for analysis of potential traffic operations deficiencies due to the Project:

1. Burlington Avenue / Olympic Boulevard
2. Beacon Avenue / Olympic Boulevard
3. Beacon Avenue / 11th Street

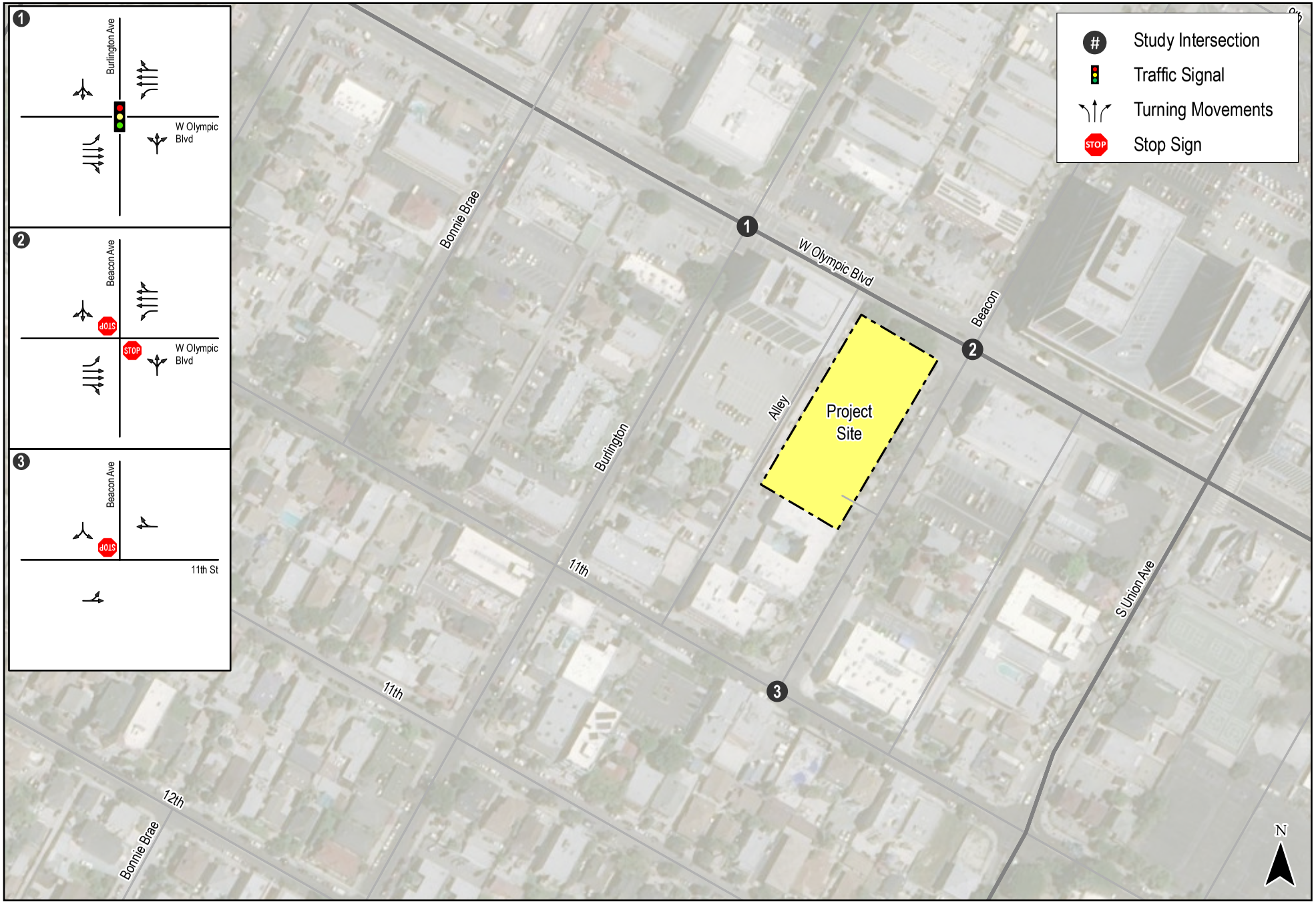
The Burlington Avenue / Olympic Boulevard intersection is presently controlled by traffic signals. The Beacon Avenue / Olympic Boulevard intersection is a two-way stop-controlled intersection (i.e., stop signs face the northbound and southbound Beacon Avenue approaches). The Beacon Avenue / 11th Street intersection is a two-way stop-controlled intersection (i.e., stop sign faces the southbound Beacon Avenue approach). The existing lane configurations at the three study intersections are displayed in ***Figure 3–8***.

3.3.3 *Roadway Descriptions*

Immediate access to the Project Site is provided via Olympic Boulevard and Beacon Avenue. A brief description[6] of the roadways in the Project vicinity is provided below.

Burlington Avenue is a north-south oriented roadway located west of the Project Site. Within the Project study area, Burlington Avenue is designated as a Collector north of Olympic Boulevard

[6] For reference, the street descriptions provided include designations per the City's *Mobility Plan 2035*.



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GeoEye, Maxar, Microsoft

Figure 3-8
Existing Lane Configurations

RISE KOHYANG MIDDLE SCHOOL

and as a Local Street – Standard south of Olympic Boulevard by the City. One through travel lane is provided in each direction on Burlington Avenue within the Project study area. There is no speed limit posted on Burlington Avenue within the Project study area, thus a prima facie speed limit of 25 miles per hour is assumed as stated in the California Vehicle Code Section 22352(b)(1).

Beacon Avenue is a north-south oriented roadway that borders the Project Site to the east. Within the Project study area, Beacon Avenue is designated as a Local Street – Standard by the City. One through travel lane is provided in each direction on Beacon Avenue within the Project study area. There is no speed limit posted on Beacon Avenue within the Project study area, thus a prima facie speed limit of 25 miles per hour is assumed, consistent with California Vehicle Code Section 22352(b)(1).

Olympic Boulevard is an east-west oriented roadway that borders the Project Site to the north. Within the Project study area, Olympic Boulevard is designated as a Boulevard II by the City. Three through travel lanes are provided in each direction on Olympic Boulevard within the Project study area. Separate exclusive left-turn lanes are provided in each direction on Olympic Boulevard at the Burlington Avenue and Beacon Avenue intersections. Olympic Boulevard has a posted speed limit of 35 miles per hour within the Project study area.

11th Street is an east-west oriented roadway located south of the Project Site. Within the Project study area, 11th Street is designated as a Collector by the City. One through travel lane is provided in each direction on 11th Street within the Project study area. There is no speed limit posted on 11th Street within the Project study area, thus a prima facie speed limit of 25 miles per hour is assumed, consistent with California Vehicle Code Section 22352(b)(1).

3.3.4 *City of Los Angeles High Injury Network*

Vision Zero[7] is a citywide initiative which prioritizes the safety of pedestrians and bicyclists on public streets, with the understanding that roads which are safe for vulnerable users will be safer for all users, in an effort to eliminate traffic fatalities. Key elements of the policy, such as reducing traffic speeds, are founded on the principles of engineering, education, enforcement, evaluation, and equity. Originating in Sweden, the policy has been adopted in numerous other North American cities, including California cities such as San Francisco and San Diego.

Mayor Eric Garcetti issued Executive Directive No. 10 in August 2015, formally launching the Vision Zero initiative in Los Angeles. Vision Zero is also a stated safety objective in the Mobility Plan 2035, which sets the goal of zero traffic deaths by 2035. Jointly directed by LADOT and the Police Department, Vision Zero takes a multi-disciplinary approach to identifying safety risk factors and implementing solutions on a citywide scale. Using a methodology originally developed by the San Francisco Public Health Department, the Vision Zero Task Force has identified streets where investments in safety will have the most impact in reducing severe injuries and traffic fatalities in the City. These roads are collectively known as

[7] Vision Zero Los Angeles 2015-2025, August 2015.

the High Injury Network (HIN). The HIN will be reviewed by the LADOT's Vision Zero group for potential engineering re-design as well as educational and enforcement campaigns.

As shown in ***Figure 3–9***, roadways in the immediate vicinity of the Project which have been identified on the HIN are noted below:

- Olympic Boulevard
- Union Avenue, south of Olympic Boulevard

If a proposed project results in significant transportation impacts, LADOT's Vision Zero group will review those specific locations and immediate vicinity for potential safety enhancements that are consistent with the City's Vision Zero initiative.

3.4 Traffic Counts

In response to the COVID-19 pandemic, in April 2020, LADOT issued guidance[8] to transportation consultants related to traffic count data to be used in transportation assessments prepared in accordance with the City's TAG. Because traffic count data reflective of typical conditions could not be collected at the study intersections due to the COVID-19 pandemic, LADOT has directed transportation consultants to use historical data, with appropriate modifications to represent current year (2020 pre-pandemic) traffic volume conditions. For this transportation assessment, the following techniques were used to estimate current year (2020) peak hour turning movement traffic volumes at the study intersections:

- Burlington Avenue / Olympic Boulevard: Peak hour traffic volume data collected at this intersection in 2015 were increased by a 1.0% annual traffic growth rate through the year 2020 to estimate current year traffic volumes. Further discussion of the annual traffic growth rate is provided in Section 3.5.2.

- Beacon Avenue / Olympic Boulevard: The traffic count data and subsequent adjustments to year 2020 conditions at the Burlington Avenue / Olympic Boulevard intersection were used to derive the westbound and eastbound through volumes. Average daily traffic (ADT) counts were conducted over a 24-hour period at the northbound and southbound approaches in 2013. The ADT data collected at this intersection in 2013 were increased by a 1.0% annual traffic growth rate through the year 2020 to estimate current year traffic volumes. Turning movements at all approaches of the intersection were estimated from the through volumes.

- Beacon Avenue / 11th Street: Peak hour traffic volume data collected at the adjacent Union Avenue / 11th Street intersection in 2015 were increased by a 1.0% annual traffic growth rate through the year 2020 to estimate current year traffic volumes. The traffic count data and subsequent adjustments approaching and departing the Union Avenue / 11th Street intersection were used to derive the eastbound and westbound through

[8] *Pandemic-related updates to LADOT's Transportation Assessment Requirements,* LADOT, April 17, 2020.

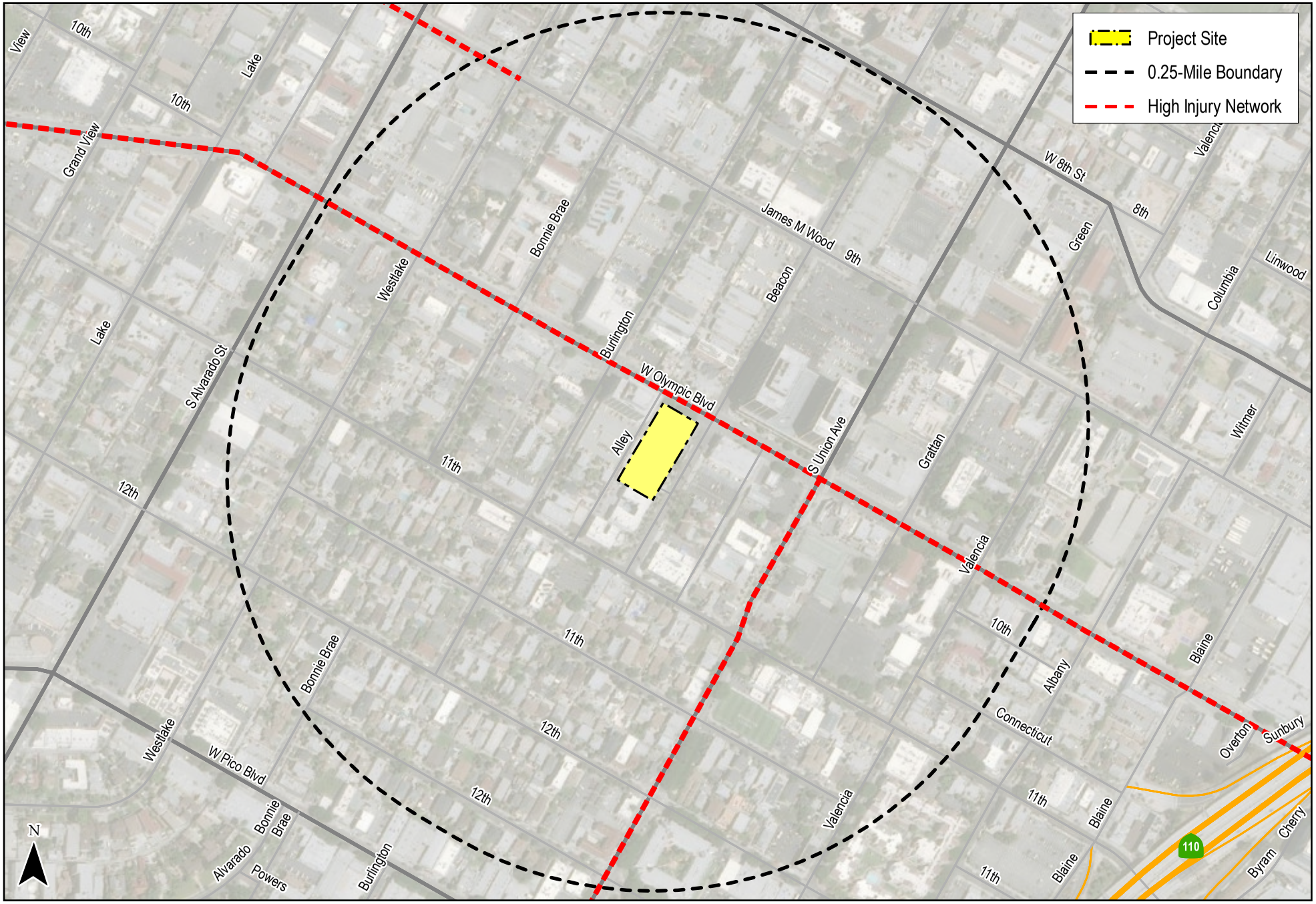

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Figure 3-9
High Injury Network

RISE KOHYANG MIDDLE SCHOOL

volumes. The traffic count data and subsequent adjustments approaching and departing the Beacon Avenue / Olympic Boulevard intersection were used to derive the southbound through volumes. Turning movements at the intersection were estimated from the through volumes.

The existing traffic volumes at the study intersections during the weekday AM and PM peak hours are shown in ***Figure 3–10***. Summary data worksheets of the manual traffic counts at the study intersections are contained in ***Appendix C***.

3.5 Cumulative Development Projects

3.5.1 *Related Projects*

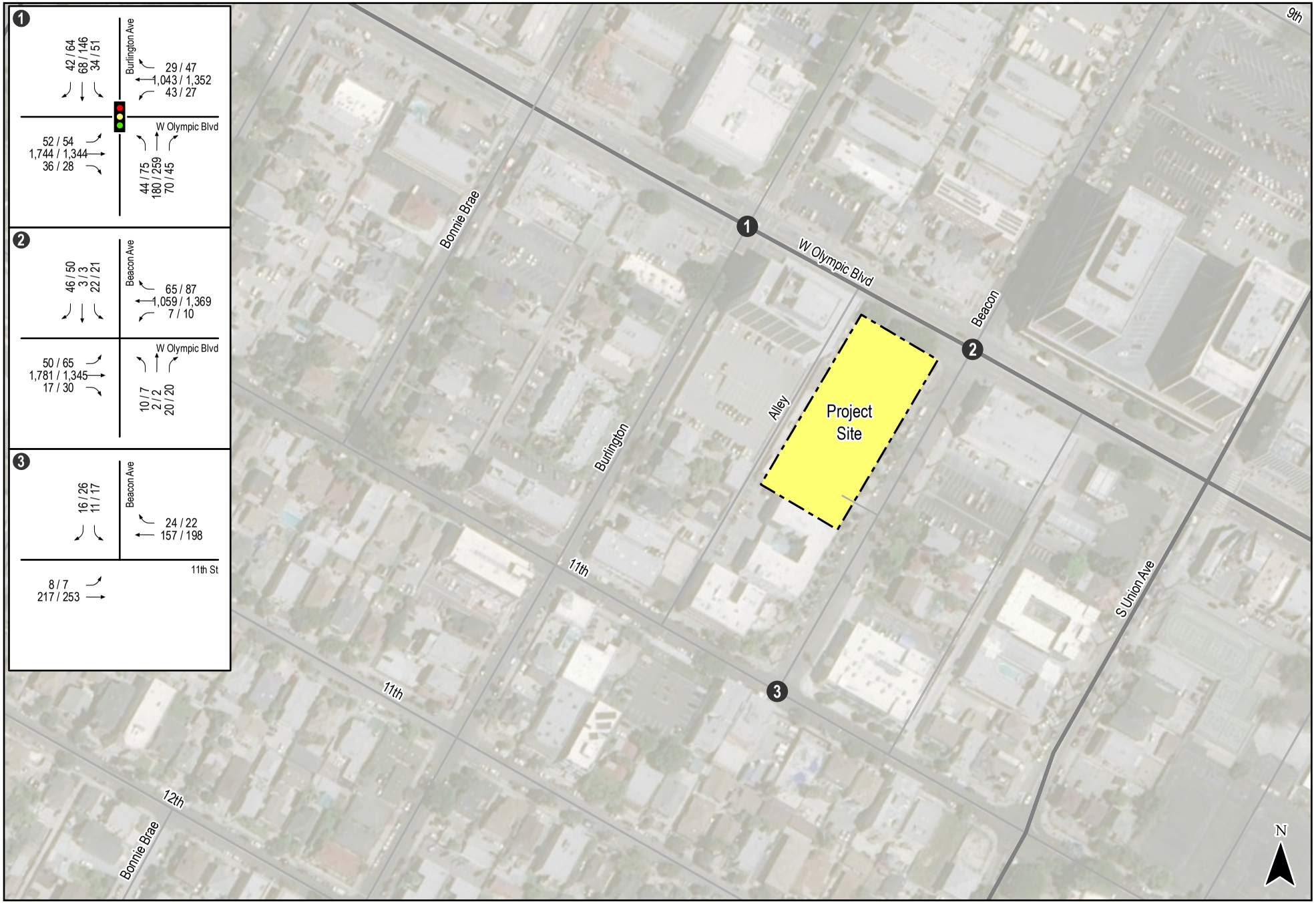
A forecast of on-street traffic conditions prior to occupancy of the Project was prepared by incorporating the potential trips associated with other known development projects (related projects) in the area. With this information, the potential impact of the Project can be evaluated within the context of the cumulative impact of all ongoing development. The related projects research was based on information on file at LADOT. Per the TAG, related projects within a one-half mile of the Project Site were included. The list of related projects in the Project Site area is presented in ***Table 3–2***. The location of the related projects is shown in ***Figure 3–11***.

Traffic volumes expected to be generated by the related projects were calculated using rates provided in the ITE *Trip Generation Manual*. The related projects' respective traffic generation for the weekday AM and PM peak hours, as well as on a daily basis for a typical weekday, is summarized in *Table 3–2*. The distribution of the related projects traffic volumes to the study intersections during the weekday AM and PM peak hours are displayed in ***Figure 3–12***.

3.5.2 *Ambient Traffic Growth*

To account for unknown related projects not included in this analysis, the existing traffic volumes were increased at an annual rate of 1.0% per year up to and including the year 2025, which is the anticipated year of Project buildout. The ambient growth factor was based on general traffic growth factors provided in the CMP manual and determined in consultation with LADOT staff. Based on review of the general traffic growth factors provided in the CMP manual for the Project Site area (RSA 23, Downtown Los Angeles, which includes the Project Site), the existing traffic volumes are expected to increase at an annual rate of approximately 0.21% per year between the years 2015 and 2025. Thus, application of an annual growth factor of 1.0% annual growth results in a highly conservative forecast of future traffic volumes in the area as it substantially exceeds the annual traffic growth rate published in the CMP manual. Furthermore, the CMP manual's traffic growth rate is intended to anticipate future traffic generated by development projects in the Project vicinity.

Therefore, the inclusion in this traffic analysis of a forecast of traffic generated by known related projects plus the use of an ambient growth traffic factor based on CMP traffic model data results in an even more conservative estimate of future traffic volumes at the study intersections.



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Study Intersection
AM/PM Peak Hour Volumes

Figure 3-10
Existing Traffic Volumes

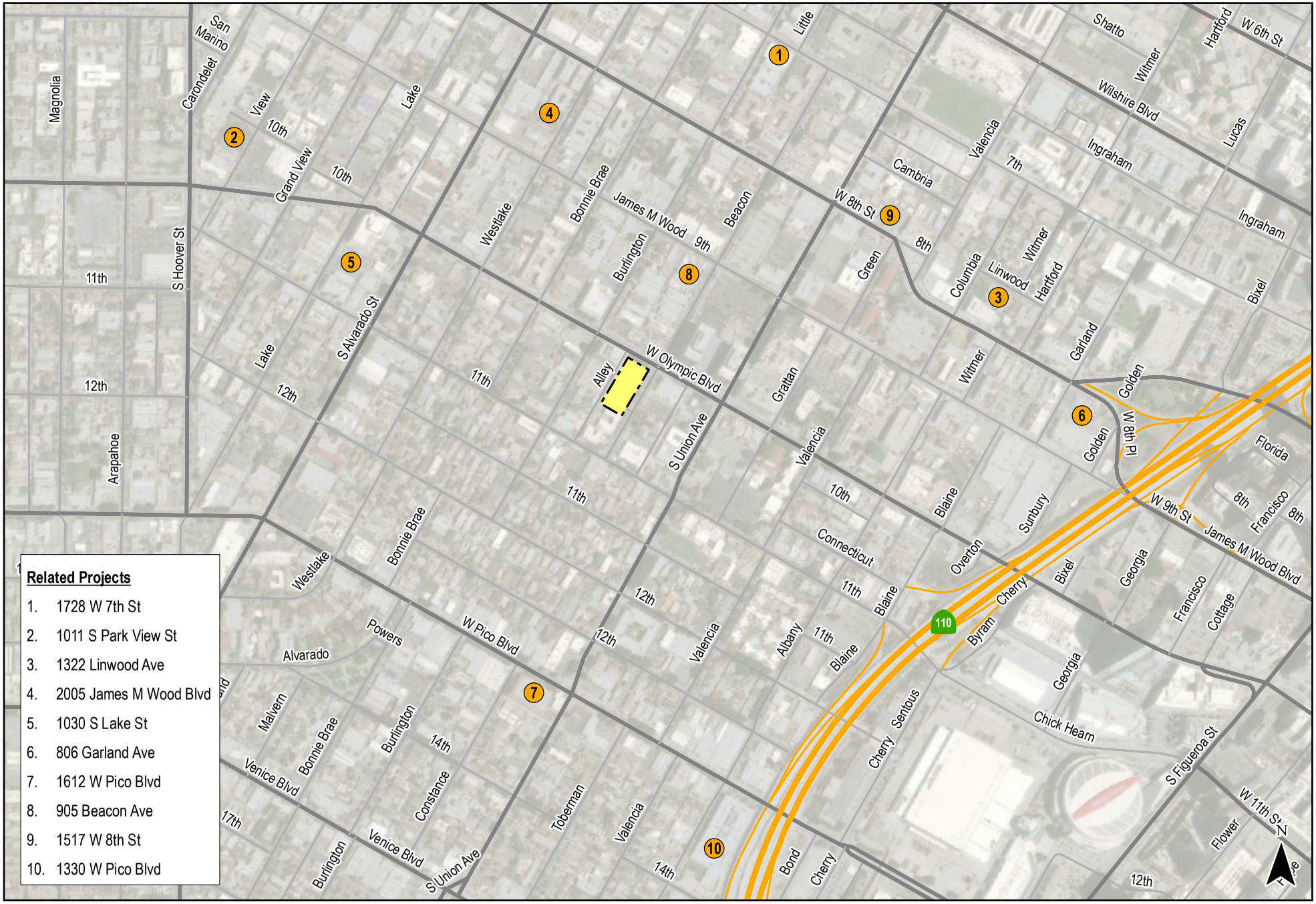
RISE KOHYANG MIDDLE SCHOOL

Table 3-2
RELATED PROJECTS LIST AND TRIP GENERATION [1]

21-Jan-21

MAP NO.	PROJECT NAME/ PROJECT NUMBER	PROJECT STATUS	ADDRESS/ LOCATION	LAND USE DATA		PROJECT DATA SOURCE	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
				LAND-USE	SIZE		IN	OUT	TOTAL	IN	OUT	TOTAL
1	1728 W. 7th Street Restaurant and Bar	Approved	1728 W. 7th Street	Restaurant Bar	9,600 GSF 3,500 GSF		(30)	(40)	(70)	50	14	64
2	1011 S. Park View Street Apartments	Proposed	1011 S. Park View Street	Apartments	138 DU	[3]	14	49	63	49	28	77
3	1322 W. Linwood Avenue Apartments	Proposed	1322 W. Linwood Avenue	Apartments	84 DU		5	30	35	28	14	42
4	2005 James M. Wood Boulevard Hotel	Proposed	2005 James M. Wood Boulevard	Hotel Retail	100 Rooms (8,288) GSF	[4]	24	18	42	20	18	38
5	1030 S. Lake Street Assisted Living	Proposed	1030 S. Lake Street	Assisted Living Senior Housing	338 Beds 34 DU		39	23	62	49	48	97
6	Ethos Societe	Proposed	806 S. Garland Avenue	Apartments Office Retail Day Care Center	120 DU 33,703 GSF 6,906 GSF 10,049 GSF		73	61	134	67	87	154
7	Equitas 5-6 Elementary Schools	Approved	1612 W. Pico Boulevard	Charter Elementary School Corporate Office Corporate Office	1,000 Students 5,432 GSF (5,852) GSF	[5]	328	211	539	66	86	152
8	905 S. Beacon Avenue Mixed-Use	Proposed	905 S. Beacon Avenue	Apartments Retail	145 DU 2,400 GSF		20	40	60	42	27	69
9	1517 W. 8th Street Residential	Proposed	1517 W. 8th Street	Apartments	60 DU	[3]	6	22	28	21	13	34
10	The Albany	Proposed	1330 W. Pico Boulevard	Hotel Quality Restaurant High-Turnover Restaurant Meeting Rooms	730 Rooms 8,744 GSF 10,911 GSF 63,356 GSF	[6]	478	188	666	336	460	796
TOTAL							957	602	1,559	728	795	1,523

[1] Source: City of Los Angeles Department of Transportation Related Projects List, unless otherwise noted.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 220 (Multifamily Housing [Low-Rise]) trip generation average rates.
[4] Source: Traffic Impact Study for the 2005 James M. Wood Boulevard Hotel Project, prepared by Linscott, Law & Greenspan, Engineers, February 21, 2017.
[5] Source: Transportation Assessment for the Equitas 5-6 Elementary Schools Project, prepared by Linscott, Law & Greenspan, Engineers, September 18, 2020.
[6] Source: Transportation Assessment Memorandum of Understanding for The Albany Project, prepared by Gibson Transportation Consulting, Inc., May 5, 2020.



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Related Project
Project Site

Figure 3-11
Location of Related Projects

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GeoEye, Maxar, Microsoft

Study Intersection
AM/PM Peak Hour Volumes

Figure 3-12
Related Projects Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL

4.0 CEQA ANALYSIS OF TRANSPORTATION IMPACTS

4.1 Conflicting with Plans, Programs, Ordinances, or Policies (Threshold T-1)

The City aims to achieve an accessible and sustainable transportation system that meets the needs of all users. The City's adopted transportation-related plans and policies affirm that streets should be safe and convenient for all users of the transportation system, including pedestrians, bicyclists, motorists, public transit riders, disabled persons, senior citizens, children, and movers of commercial goods. Therefore, the transportation requirements for proposed developments should be generally consistent with the City's transportation-related plans and policies.

As stated in Section 2.1.1 of the TAG, proposed projects shall be analyzed to identify potential conflicts with adopted City plans and policies and, if there is a conflict, improvements that prioritize access for and improve the comfort of people walking, bicycling, and riding transit in order to provide safe and convenient streets for all users should be identified. Projects designed to encourage sustainable travel help to reduce VMT. This section provides a review of the screening criteria and a summary of the Project's consistency with the City's adopted transportation-related plans and policies.

4.1.1 *Screening Criteria*

Per Section 2.1.2 of the TAG, if the Project requires a discretionary action, and the answer is yes to any of the following questions, further analysis is required to assess whether the Project would conflict with adopted City plans, programs, ordinances, or policies that establish the transportation planning framework for all travel modes:

- Does the project require a discretionary action that requires the decision maker to find that the decision substantially conforms to the purpose, intent, and provisions of the General Plan?
  - Yes, the Project requires a discretionary action.
- Is the project known to directly conflict with a transportation plan, policy, or program adopted to support multimodal transportation options or public safety?
  - No, the Project is not known to directly conflict with a transportation plan, policy, or program adopted to support multimodal transportation options or public safety.
- Is the project proposing to, or required to make any voluntary or required modifications to the public right-of-way (i.e., street dedications, reconfigurations of curb line, etc.)?
  - Yes, a two-foot street dedication is required for Olympic Boulevard, as well as the alley directly adjacent to the western portion of the Project Site.

As the answer is "yes" to two of the three screening criteria questions, further analysis is required to assess whether the Project would conflict with adopted City plans, programs, ordinances, or policies.

4.1.2 *Impact Criteria and Methodology*

The impact criteria set forth in Appendix G to the State CEQA Guidelines, as well as Section 2.1.3 of the City's TAG, regarding conflicts with plans, programs, ordinances, or policies (referred to as Threshold T-1 in the TAG) are as follows:

- Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle, and pedestrian facilities?

The threshold test is to assess whether a project would conflict with an adopted program, policy, plan, or ordinance that is adopted to protect the environment. In general, transportation policies or standards adopted to protect the environment are those that support multimodal transportation options and a reduction in VMT. Conversely, a project would not always have a significant impact merely based on whether or not it would implement a particular transportation-related program, plan, policy, or ordinance. Many of these programs must be implemented by the City itself over time, and over a broad area, and it is the intention of this threshold test to ensure that proposed development projects and plans do not preclude the City from implementing adopted programs, plans and policies.

The methodology for determining a project's transportation impact associated with conflicts with plans, programs, ordinances, or policies is described in the TAG as follows:

- A project that generally conforms with and does not obstruct the City's development policies and standards will generally be considered to be consistent. The Project Applicant should review the documents and ordinances identified in the TAG (refer to Table 2.1-1 on Page 2-3) for City plans, policies, programs, ordinances and standards relevant to determining project consistency. TAG Attachment D: Plan Consistency Worksheet provides questions that must be answered in order to help guide whether the project conflicts with City circulation system policies. A "yes" or "no" answer to these questions does not determine a conflict. Rather, as indicated in TAG Attachment D, the Project Applicant must provide substantiating information to help determine whether the proposed project precludes the City's implementation of any adopted policy and/or program that was adopted to protect the environment. A mere conflict with adopted transportation related policies, or standards that require administrative relief or legislative change does not in itself constitute an impact.

- If vacation of a public right-of-way, or relief from a required street dedication is sought as part of a proposed project, an assessment should be made as to whether the right-of-way in question is necessary to serve a long-term mobility need, as defined in Mobility Plan 2035, transportation specific plan, or other planned improvement in the future.

Per Section 2.1.4 of the TAG, the analysis of cumulative impacts may be quantitative or qualitative. Each of the plans, ordinances, and policies reviewed to assess potential conflicts with proposed projects should be reviewed to assess cumulative impacts that may result from the proposed project in combination with other development projects in the study area. In addition,

the cumulative analysis should also consider planned transportation system improvements within the study area as identified in consultation with LADOT.

Related projects to be considered in the cumulative analysis are known development projects located within a one-half mile radius of the Project Site. Please refer to the list of related projects identified in *Table 3–2* and *Figure 3–11* for the location of the related projects in relation to the Project Site.

4.1.3 *Review of Project Consistency*

This section provides a summary of the consistency review that compares the characteristics of the Project and site design features (i.e., including the site access and circulation scheme) with the City's relevant plans and policies. ***Appendix D*** provides the Plans, Policies, and Programs Worksheet from the TAG, and provides additional detail regarding the plans, programs, ordinances, and policies review.

As confirmed in *Appendix D*, the Project would not conflict with the relevant City plans, policies and programs and does not include any features that would preclude the City from completing and complying with these guiding documents and policy objectives. The Project is not proposing to or required to make any voluntary or required modifications to the public right-of-way and would therefore not conflict with the dedication and improvement requirements that are needed to comply with the Mobility Plan 2035 Street Designations and Standard Roadway Dimensions. The Project will not conflict with any plans or policies that govern the public right-of-way, such as LADOT's Manual of Policy and Procedures (MPP) Section 321, Driveway Design, and the Citywide Design Guidelines – Guideline 2. Furthermore, the Project will utilize TDM strategies to reduce dependence on single-occupancy vehicles. The Project has been found to be consistent with the greenhouse gas (GHG) reduction targets forecasted in the Southern California Association of Governments (SCAG) Region Transportation Plan/Sustainable Communities Strategy (RTP/SCS). Additionally, the Project has been found to be consistent with the transportation-related elements of the Plan for a Healthy Los Angeles (Healthy LA), Vision Zero, and the Westlake Community Plan.

Therefore, the Project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle, and pedestrian facilities, and the impact would therefore be "less than significant". Furthermore, the Applicant will comply with existing applicable City ordinances (e.g., the City's existing TDM Ordinance in LAMC Section 12.26.J) and other requirements pursuant to the LAMC.

4.1.4 *Review of Cumulative Consistency*

Per Section 2.1.4 of the TAG, the analysis of cumulative consistency requires consultation and confirmation with LADOT and the City's Department of City Planning (LADCP).

As with the Project, the related projects would include adequate bicycle facilities and include high density urban uses in proximity to the nearby multimodal transportation facilities. The related projects, as with the Project, would not conflict with adjacent street designations and

classifications. Accordingly, there would be no significant cumulative impacts to which both the Project and other nearby related projects contribute to in regard to transportation policies or standards adopted to protect the environment and support multimodal transportation options and a reduction in VMT.

Based on the discussion and conclusion in the preceding Section 4.1.3, the guiding language contained in the City's TAG, and review of related projects in the Project vicinity, this documentation is sufficient to demonstrate that there is also no cumulative inconsistency with the City's plans, policies, ordinances and programs, and therefore, the Project's cumulative impact would be less than significant. In addition, since the Project does not include any features that would preclude the City from completing and complying with these guiding documents and policy objectives, there is no cumulative inconsistency that can be determined.

4.2 VMT Analysis (Threshold T-2.1)

The State of California Governor's Office of Planning and Research (OPR) issued proposed updates to the CEQA Guidelines in November 2017 and an accompanying technical advisory guidance in April 2018 (*OPR Technical Advisory*) that amends the Appendix G question for transportation impacts to delete reference to vehicle delay and level of service and instead refer to Section 15064.3, subdivision (b)(1) of the CEQA Guidelines asking if the project will result in a substantial increase in vehicle miles traveled (VMT). Section 15064.3, subdivision (b)(1) states the following:

- Land Use Projects. Vehicle miles traveled exceeding an applicable threshold of significance may indicate a significant impact. Generally, projects within one-half mile of either an existing major transit stop or a stop along an existing high-quality transit corridor should be presumed to cause a less than significant transportation impact. Projects that decrease vehicle miles traveled in the project area compared to existing conditions should be considered to have a less than significant transportation impact.

Comprehensive updates to the State CEQA Guidelines were certified and adopted by the California Natural Resources Agency in December 2018. Accordingly, the City adopted significance criteria for transportation impacts based on VMT for land use projects and plans in accordance with the amended Appendix G question:

- Threshold T-2.1: For a land use project, would the project conflict or be inconsistent with CEQA guidelines section 15064.3, subdivision (b)(1)?

For land use projects, the intent of this threshold is to assess whether a land use project causes substantial VMT impacts. The City has developed the following screening and impact criteria to address this question. The criteria below are based on the OPR technical advisory but reflects local considerations.

If the project requires discretionary action, and the answer is no to either T-2.1-1 or T-2.1-2, further analysis will not be required for CEQA Threshold T-2.1, and a "no impact" determination can be made for that threshold:

- T-2.1-1: Would the land use project generate a net increase of 250 or more daily vehicle trips?

For purposes of screening the daily vehicle trips, a proposed project's daily vehicle trips should be estimated using the City's VMT Calculator tool or the most recent edition of the ITE *Trip Generation Manual*. TDM strategies should not be considered for the purposes of screening. If existing land uses are present on the project site or there were previously terminated land uses that meet the criteria for trip credits described in the trip generation methodology discussion (refer to Subsection 3.3.4.1 of the TAG), the daily vehicle trips generated by the existing or qualified terminated land uses can be estimated using the VMT Calculator tool and subtracted from the proposed project's daily vehicle trips to determine the net increase in daily vehicle trips.

- T-2.1-2: Would the project generate a net increase in daily VMT?

For the purpose of screening the VMT, a project's daily VMT should be estimated using the City's VMT Calculator tool or the City's Travel Demand Forecasting (TDF) model. TDM strategies should not be considered for the purpose of screening. If existing land uses are present on the project site or there were previously terminated land uses that meet the criteria for trip credits description in the trip generation methodology discussion (refer to Subsection 3.3.4.1 of the TAG), the daily VMT generated by the existing or qualified terminated land uses can be estimated using the City VMT Calculator tool and subtracted from the project's daily VMT to determine the net increase in daily VMT.

In addition to the above screening criteria, the portion of, or the entirety of a project that contains small-scale or local serving retail uses[9] are assumed to have less than significant VMT impacts. If the answer to the following question is no, then that portion of the project meets the screening criteria, and a no impact determination can be made for the portion of the project that contains retail uses. However, if the retail project is part of a larger mixed-use project, then the remaining portion of the project may be subject to further analysis in accordance with the above screening criteria. Projects that include retail uses in excess of the screening criteria would need to evaluate the entirety of the project's VMT, as specified in Subsection 2.2.4 of the TAG.

- If the project includes retail uses, does the portion of the project that contain retail uses exceed a net 50,000 square feet?

4.2.1 *Impact Criteria and Methodology*

Per Section 2.2.3 of the TAG, a development project will have a potential VMT impact if the project meets the following:

[9] As noted in the TAG, the definition of "retail" for this purpose includes restaurant uses.

- For residential projects, the project would generate household VMT per capita exceeding 15% below the existing average household VMT per capita for the Area Planning Commission (APC) area in which the project is located.

- For office projects, the project would generate work VMT per employee exceeding 15% below the existing average work VMT per employee for the APC in which the project is located.

- For regional serving retail projects, the project would result in a net increase in VMT.

- For other land use types, measure VMT impacts for the work trip element using the criteria for office projects above.

Different VMT significance thresholds have been established for each APC boundary area as the characteristics of each are distinct in terms of land use, density, transit availability, employment, etc. The City's significance thresholds (i.e., provided on a daily household VMT per capita basis and a daily work VMT per employee basis) for each of the seven APC boundary areas are presented in ***Table 4–1***. As the Project Site is located within the Central Area Planning Commission (APC), the VMT impact criteria (i.e., 15% below the APC average) applicable to the Project is 7.6 Daily Work VMT per Employee.

The impact methodology set forth in the TAG for a charter middle school project is as follows:

- Office Projects. Charter middle school projects should be treated as office for screening and analysis. Daily vehicle trips, daily VMT, and daily work VMT per employee for office project should be estimated using the VMT calculator tool. TDM strategies to be included as project design features should be considered in the estimation of a project's daily vehicle trips and VMT.

4.2.2 *Summary of Project VMT Analysis*

The daily vehicle trips and VMT expected to be generated by the Project were forecasted using Version 1.3 of the City's VMT Calculator tool. Copies of the detailed City of Los Angeles VMT Calculator worksheets for the proposed Project are contained in *Appendix B*. As indicated in the summary VMT Calculator worksheet, the Project is forecasted to generate the following:

- As described in Section 2.10 herein, the Project will include bicycle parking per LAMC as a Project Design Feature.

- The Project, with the inclusion of the bicycle parking per LAMC as a Project Design Feature, is estimated to generate a total of 643 daily vehicle trips.

- The estimated Daily Work VMT per Employee for the Project with the inclusion of the Project Design Feature is 10.6 Daily Work VMT per Employee, which is greater than the Central APC significance threshold of 7.6 Daily Work VMT per Employee. Therefore, the Project would result in a significant Daily Work VMT per Employee impact.

Table 4-1
CITY OF LOS ANGELES VMT IMPACT CRITERIA [1]

AREA PLANNING COMMISSION	15 PERCENT (15%) BELOW APC CRITERIA [2]	
	DAILY HOUSEHOLD VMT PER CAPITA	DAILY WORK VMT PER EMPLOYEE
Central	**6.0**	**7.6**
East Los Angeles	7.2	12.7
Harbor	9.2	12.3
North Valley	9.2	15.0
South Los Angeles	6.0	11.6
South Valley	9.4	11.6
West Los Angeles	7.4	11.1

[1] Source: *LADOT Transportation Assessment Guidelines,* July 2020.

[2] The development project will have a potential impact if the project meets the following:
- For residential projects, the project would generate household VMT per capita exceeding 15% below the existing average household VMT per capita for the APC area in which the project (refer to above [source: Table 2.2-1 of the TAG]).
- For office projects, the project would generate work VMT per employee exceeding 15% below the existing average work VMT per employee for the APC in which the project is located (refer to above [source: Table 2.2-1 of the TAG]).
- For retail projects, the project would result in a net increase in VMT.
- For other land use types, measure VMT impacts for the work trip element using the criteria for office project above (source: Table 2.2-1 of the TAG).

- Mitigation Measures have been identified to reduce the Daily Work VMT per Employee impact to a less than significant level. As described in Section 2.10, the Project will provide transit subsidies and implement a rideshare program as Mitigation Measures.

- The Project, with the inclusion of the Project Design Feature and Mitigation Measures described in Section 2.10 herein, is estimated to generate a total of 507 daily vehicle trips.

- The estimated Daily Work VMT per Employee for the Project with the inclusion of the Project Design Feature and Mitigation Measures is 7.2 Daily Work VMT per Employee, which is less than the Central APC significance threshold of 7.6 Daily Work VMT per Employee.

Based on the above, the Project, with inclusion of the TDM strategies as Project Design Features and Mitigation Measures, would not result in a significant Daily Work VMT per Employee impact. Therefore, no further mitigation is necessary as it relates to VMT.

4.2.3 *Summary of Cumulative VMT Analysis*

As stated in the Section 2.2.4 of the City's TAG document, analyses should consider both short-term and long-term project effects on VMT. Short-term effects are evaluated in the detailed Project-level VMT analysis summarized above. Long-term, or cumulative, effects are determined through a consistency check with the SCAG's) RTP/SCS. The RTP/SCS is the regional plan that demonstrates compliance with air quality conformity requirements and GHG reduction targets. As such, projects that are consistent with this plan in terms of development, location, density, and intensity, are part of the regional solution for meeting air pollution and GHG goals. Projects that are deemed to be consistent would have a less than significant cumulative impact on VMT. Development in a location where the RTP/SCS does not specify any development may indicate a significant impact on transportation. However, as noted in the City's TAG document, for projects that do not demonstrate a project impact by applying an efficiency-based impact threshold (i.e., VMT per capita or VMT per employee) in the analysis, a less than significant project impact conclusion is sufficient in demonstrating there is no cumulative VMT impact. Projects that fall under the City's efficiency-based impact thresholds are already shown to align with the long-term VMT and GHG reduction goals of SCAG's RTP/SCS.

Based on the above Project-related VMT analysis and the conclusions reported in Section 4.2.2 (i.e., which conclude that the Project falls under the City's efficiency-based impact thresholds and thus are already shown to align with the long-term VMT and GHG reduction goals of SCAG's RTP/SCS), the Project's cumulative VMT impact would be less than significant.

4.3 Geometric Design (Threshold T-3)

As stated in the City's TAG (refer to Section 2.4.1 thereof), impacts regarding the potential increase of hazards due to a geometric design feature generally relate to the design of access points to and from the project site, and may include safety, operational, or capacity impacts. Impacts can be related to vehicle/vehicle, vehicle/bicycle, or vehicle/pedestrian conflicts as well

as to operational delays caused by vehicles slowing and/or queuing to access a project site. These conflicts may be created by the driveway configuration or through the placement of project driveway(s) in areas of inadequate visibility, adjacent to bicycle or pedestrian facilities, or too close to busy or congested intersections. Evaluation of access impacts require details relative to project land use, size, design, location of access points, etc. These impacts are typically evaluated for permanent conditions after project completion but can also be evaluated for temporary conditions during project construction. Project access can be analyzed in qualitative and/or quantitative terms, and in conjunction with the review of internal site circulation and access to parking areas. All proposed site access points should be evaluated.

4.3.1 *Screening Criteria*

If the project requires a discretionary action, and the answer is "yes" to either of the following questions, further analysis will be required to assess whether the project would result in impacts due to geometric design hazards or incompatible uses:

- Is the project proposing new driveways, or introducing new vehicle access to the property from the public right-of-way?

  - No, while the Project does propose to construct new driveways (one each on Olympic Boulevard and Beacon Avenue), they will be located in similar locations as the corresponding existing driveways on the Project Site.

- Is the project proposing to, or required to make any voluntary or required modifications to the public right-of-way (i.e., street dedications, reconfigurations of curb line, etc.)?

  As stated in the City's TAG document (refer to Section 2.4.2 thereof), for the purpose of the screening for projects that are making physical changes to the public right-of-way, determine the street designation and improvement standard for any project frontage along streets classified as an Avenue or Boulevard (as designated in the City's General Plan) using the Mobility Plan 2035, or NavigateLA, an online portal managed by the City's Bureau of Engineering (BOE). If any street fronting the project site is an Avenue or Boulevard and it is determined that additional dedication, or physical modifications to the public right-of-way are proposed or required, the answer to this question is yes. For projects not subject to dedication and improvement requirements under the LAMC, though the project does propose dedications or physical modifications to the public right-of-way, which may also include new physical modifications along streets classified as either Collectors or Locals, the answer to this question is yes. Based on a review of the Project, the following answer is provided:

  - Yes, a two-foot street dedication is required for Olympic Boulevard, as well as the alley directly adjacent to the western portion of the Project Site.

As the answer is "yes" to one of the screening criteria questions, further analysis is required to assess whether the Project would result in impacts due to geometric design hazards or incompatible uses.

4.3.2 *Impact Criteria and Methodology*

The impact criteria set forth in Appendix G of the CEQA Guidelines, as well as the City's TAG for substantially increasing hazards due to a geometric design feature or incompatible use (referred to a Threshold T-3) is defined as follows:

- Threshold T-3: Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

  - No, the Project would not substantially increase hazards due to a geometric design feature. The Project will construct driveways in approximately the same location as the driveways currently serving the existing Project Site. The driveways will be located perpendicular to the public right-of-way, providing an excellent line of site for all modes of travel.

Preliminary project access plans are to be reviewed in light of commonly accepted traffic engineering design standards to ascertain whether any deficiencies are apparent in the site access plans which would be considered significant. The determination of significance shall be on a case-by-case basis, considering the following factors:

- The relative amount of pedestrian activity at project access points.

- Design features/physical configurations that affect the visibility of pedestrians and bicyclists to drivers entering and exiting the site, and the visibility of cars to pedestrians and bicyclists.

- The type of bicycle facilities the project driveway(s) crosses and the relative level of utilization.

- The physical conditions of the site and surrounding area, such as curves, slopes, walks, landscaping or other barriers, that could result in vehicle/pedestrian, vehicle/bicycle, or vehicle/vehicle impacts.

- The project location, or project-related changes to the public right-of-way, relative to proximity to the High Injury Network or a Safe Routes to School program area.

- Any other conditions, including the approximate location of incompatible uses that would substantially increase a transportation hazard.

For vehicle, bicycle and pedestrian safety impacts, the City's TAG (refer to Section 2.4.4 thereof) indicate that a review of all project access points, internal circulation, and parking access from an operational and safety perspective (for example, turning radii, driveway queuing, line of sight for turns into and out of project driveway[s]) should be conducted. Where project driveways would cross pedestrian facilities or bicycle facilities (bike lanes or bike paths), operational and safety issues related to the potential for vehicle/pedestrian and vehicle/bicycle

conflicts and the severity of consequences that could result should be considered. In areas with moderate to high levels of pedestrian or bicycle activity, the collection of pedestrian or bicycle count data may be required.

4.3.3 *Qualitative Review of Site Access Points*

As discussed in Section 3.3.3 herein, the Project Site has frontage along Olympic Boulevard, a Boulevard II with a posted speed limit of 35 miles per hour, and Beacon Avenue, a Local Street – Standard with an assumed speed limit of 25 miles per hour. Olympic Boulevard and Beacon Avenue run parallel to the Project Site's northerly and easterly frontages, respectively, which provides excellent line of sight for all modes of travel. Bicycle infrastructure currently does not exist along Olympic Boulevard or Beacon Avenue. However, it is noted that the Project Site's Beacon Avenue frontage has been designated within the City's NEN, and the City could install Class III Shared Lane Markings as part of Beacon Avenue's designation within the NEN. Sidewalks are provided along both the Project Site's Olympic Boulevard and Beacon Avenue frontages, and signalized crossings within convenient walking distance to the Project Site. The Project will improve the existing sidewalks along the Project Site's Olympic Boulevard and Beacon Avenue frontages. The Project will not add site access points along the Project Site's Olympic Boulevard and Beacon Avenue frontages. While Olympic Boulevard is noted in the City's HIN, the Project will improve sidewalks along the Project Site's Olympic Boulevard Frontage. Given the existing physical conditions of the Project Site and planned sidewalk improvements along the Project Site's Olympic Boulevard and Beacon Avenue frontages, no safety concerns related to geometric design are noted. Therefore, it can be determined that the Project would not substantially increase hazards due to a geometric design feature or incompatible use, and a less than significant impact determination can be reached.

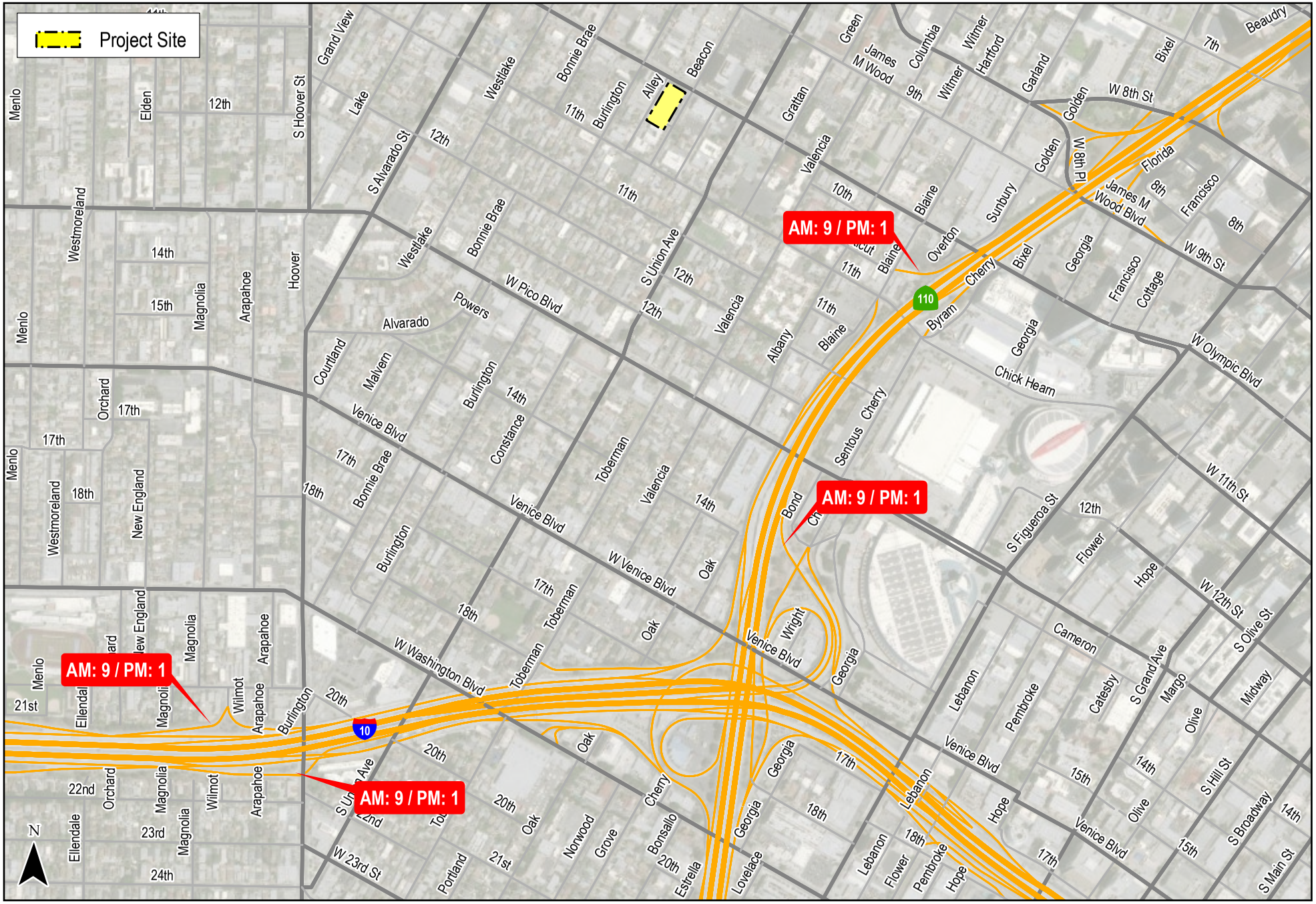
4.4 Freeway Safety Analysis

The City issued an interim guidance on the preparation of a freeway safety analysis for land use projects.[10] If the answer is yes to the following question, a freeway safety analysis will be required to assess whether the Project would lengthen a forecasted off-ramp queue and create speed differentials between vehicles exiting freeway off-ramps and vehicles operation on the freeway mainline:

- Does the land use Project add 25 or more trips to any nearby freeway off-ramp serving the Project Site in either the morning or afternoon peak-hour?
    - No, as shown in ***Figure 4–1***, the Project does not add 25 or more trips to any nearby freeway off-ramp serving the Project Site in either the morning or afternoon peak hour.

As the answer is "no" to the screening criteria question (i.e., the Project will not add 25 or more trips to nearby freeway off-ramps serving the Project Site during either the AM of PM peak

[10] *LADOT Transportation Assessments – Interim Guidance for Freeway Safety Analysis,* City of Los Angeles Department of Transportation, May 2020.



LINSCOTT LAW & GREENSPAN engineers

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USDA FSA, GeoEye, Maxar, Microsoft

Figure 4-1
Net New Project Freeway Off-Ramp Volumes

RISE KOHYANG MIDDLE SCHOOL

hour), a freeway safety analysis is not required, and both the Project would result in a less than significant freeway safety impact.

4.5 CEQA Transportation Measures

4.5.1 *Transportation Demand Management*

The Project includes three TDM strategies as Project Design Features and Mitigation Measures and are described in detail in Section 2.10 above. The TDM strategies include:

- Transit Subsidies;
- Ride-Share Program;
- Include Bicycle Parking per LAMC.

The Applicant will comply with existing applicable City ordinances (e.g., the City's existing TDM Ordinance, referred to in LAMC Section 12.26.J) and the other requirements of the LAMC.

4.5.2 *CEQA Transportation Summary*

Based on the findings above, it can be determined that the Project will not conflict with City plans, policies, ordinances and programs, will not result in a significant VMT impact with the inclusion of Mitigation Measures, will not substantially increase hazards due to a geometric design feature, and will not cause a freeway safety impact. Therefore, a "less than significant" determination can be made as related to the CEQA analysis.

5.0 NON-CEQA ANALYSIS

The authority for requiring non-CEQA transportation analysis and potentially requiring improvements to address identified deficiencies lies in the City's Site Plan Review authority as established in LAMC Section 16.05. As provided in Section 16.05:

> "The purposes of site plan review are to promote orderly development, evaluate and mitigate significant environmental impacts, and promote public safety and the general welfare by ensuring that development projects are properly related to their sites, surrounding properties, traffic circulation, sewers, other infrastructure and environmental setting; and to control or mitigate the development of projects which are likely to have a significant adverse effect on the environment as identified in the City's environmental review process, or on surrounding properties by reason of inadequate site planning or improvements."

Additional authority for preparing a non-CEQA transportation analysis is found in other City ordinances, such as certain transportation specific plans. The impacts, also referred to as deficiencies, discussed in the City's TAG are not intended to be interpreted as thresholds of significance, or significance criteria for purposes of CEQA review unless otherwise specifically identified (refer to Section 4.0).

5.1 Pedestrian, Bicycle, and Transit Access

The assessment of pedestrian, bicycle, and transit facilities is intended to determine a project's potential effect on pedestrian, bicycle, and transit facilities in the vicinity of a project. The deficiencies could be physical (through removal, modification, or degradation of facilities) or demand-based (by adding pedestrian or bicycle demand to inadequate facilities).

5.1.1 *Screening Criteria*

Per Section 3.2.2 of the TAG, if the answer is yes to all of the following questions, further analysis is required to assess whether the Project would negatively affect existing pedestrian, bicycle, or transit facilities:

- Does the land use project involve a discretionary action that would be under review by LADCP?
  - Yes, the Project involves a discretionary action that would be reviewed by LADCP.
- Does the land use project include the construction, or addition of 50 dwelling units or guestrooms or combination thereof, or 50,000 square feet of non-residential space?
  - Yes, the Project proposes the development and construction of a new four-story charter middle school which will provide 74,670 square feet of floor area. The building will include 21 classrooms, a multipurpose room, kitchen, and administrative offices.

- Would the project generate a net increase of 1,000 or more daily vehicle trips, or is the project's frontage along a street classified as an Avenue or Boulevard (as designated in the City's General Plan) 250 linear feet or more, or is the project's building frontage encompassing an entire block along a street classified as an Avenue or Boulevard (as designated in the City's General Plan)?

  - No, the Project will not generate a net increase 1,000 or more daily vehicle trips. As indicated on the Screening Tab of the City's VMT Calculator (Page 1 of *Appendix B*), the Project will generate 647[11] net new daily vehicle trips. The Project Site's frontage along Olympic Boulevard, which is designated as a Boulevard II, is approximately 153 linear feet. The Project Site's frontage along Beacon Avenue, which is designated as a Local Street – Standard, is approximately 281 linear feet. Neither of the Project Site's frontages encompass an entire block.

As the answer is "no" to one of the screening criteria questions, further analysis is not required to evaluate whether the Project would negatively affect existing pedestrian, bicycle, or transit facilities. Therefore, it can be determined that the Project would not negatively affect pedestrian, bicycle, or transit facilities in the immediate Project vicinity. Furthermore, the Project would enhance pedestrian facilities by constructing new sidewalks along the property's Olympic Boulevard and Beacon Avenue frontages.

5.2 Project Access and Circulation Review

Project access and circulation constraints relate to the provision of access to and from the project site, and may include safety, operational, or capacity constraints. Constraints can be related to vehicular/vehicular, vehicular/bicycle, or vehicular/pedestrian constraints as well as to operational delays. These conflicts may be created by the driveway configuration or through the placement of Project driveway(s) in areas of inadequate visibility, adjacent to bicycle or pedestrian facilities, or too close to an intersection or crosswalk. The Project access and circulation has been evaluated for permanent conditions after Project completion. ***Table 5–1*** summarizes the vehicle queuing analysis prepared for each of the study locations for the representative intersection traffic movements for the weekday AM and PM peak hours. *Appendix F* contains the analysis data worksheets for the study intersections.

5.2.1 *Screening Criteria*

For land use projects, if the answer is yes to all of the following questions (refer to Section 3.3.2 of the TAG), further analysis will be required to assess whether the project would negatively affect project access and circulation:

- Does the land use project involve a discretionary action that would be under review by the Department of City Planning?

[11] For screening purposes, the number of daily vehicle trips without reductions from implementation of TDM strategies are reported.

Table 5-1
SUMMARY OF DELAYS, LEVELS OF SERVICE, AND VEHICLE QUEUING [1]
WEEKDAY AM AND PM PEAK HOURS

01-Mar-21

NO.	INTERSECTION	TRAFFIC MOVEMENT	PEAK HOUR	YEAR 2020 EXISTING			YEAR 2020 EXISTING W/ PROJECT				YEAR 2025 FUTURE W/O PROJECT			YEAR 2025 FUTURE W/ PROJECT			
				DELAY [2]	LOS [3]	QUEUE [4]	DELAY [2]	LOS [3]	QUEUE [4]	CHANGE IN QUEUE [5]	DELAY [2]	LOS [3]	QUEUE [4]	DELAY [2]	LOS [3]	QUEUE [4]	CHANGE IN QUEUE [5]
1	Burlington Aveue / Olympic Boulevard (Signalized)	NB Left/Through/Right	AM	34.1	C	279.2	35.4	D	300.3	21.1	35.0	D	295.5	36.5	D	317.5	22.0
			PM	52.6	D	442.2	54.1	D	451.2	9.0	66.5	E	515.1	68.9	E	526.9	11.8
		SB Left/Through/Right	AM	29.4	C	133.2	29.8	C	143.7	10.5	29.5	C	138.3	29.9	C	149.1	10.8
			PM	35.8	D	268.9	36.3	D	271.6	2.7	38.3	D	289.7	38.7	E	292.4	2.7
		EB Left	AM	13.4	B	31.7	13.4	B	31.7	0.0	14.2	B	34.5	14.2	B	34.5	0.0
			PM	18.3	B	42.6	18.3	B	42.6	0.0	20.6	C	50.7	20.6	C	50.7	0.0
		EB Through	AM	11.4	B	288.5	11.7	B	303.5	15.0	11.9	B	312.5	12.2	B	328.6	16.1
			PM	10.1	B	222.0	10.2	B	223.9	1.9	10.4	B	237.5	10.5	B	239.5	2.0
		EB Right	AM	12.3	B	295.4	12.6	B	311.1	15.7	12.9	B	321.1	13.3	B	338.2	17.1
			PM	10.7	B	226.3	10.7	B	228.3	2.0	11.0	B	242.3	11.1	B	244.4	2.1
		WB Left	AM	22.6	C	38.6	24.3	C	40.6	2.0	25.9	C	44.4	28.0	C	47.0	2.6
			PM	15.1	B	18.9	15.3	B	19.0	0.1	16.2	B	20.6	16.4	B	20.8	0.2
		WB Through	AM	9.2	A	161.1	9.2	A	161.1	0.0	9.4	A	176.1	9.4	A	176.1	0.0
			PM	10.2	B	227.4	10.2	B	227.4	0.0	10.5	B	244.0	10.5	B	244.0	0.0
		WB Right	AM	9.5	A	164.2	9.5	A	164.2	0.0	9.8	A	179.6	9.8	A	179.6	0.0
			PM	10.8	B	230.7	10.8	B	230.7	0.0	11.2	B	247.7	11.2	B	247.7	0.0
2	Beacon Aveue / Olympic Boulevard (Unsignalized)	NB Left/Through/Right	AM	233.4	F	80.0	OVERFLOW	F	OVERFLOW	OVERFLOW	416.6	F	102.5	OVERFLOW	F	OVERFLOW	OVERFLOW
			PM	154.8	F	60.0	294.4	F	80.0	20.0	284.0	F	82.5	OVERFLOW	F	OVERFLOW	OVERFLOW
		SB Left/Through/Right	AM	131.8	F	112.5	OVERFLOW	F	OVERFLOW	OVERFLOW	300.3	F	177.5	OVERFLOW	F	OVERFLOW	OVERFLOW
			PM	211.1	F	142.5	291.2	F	162.5	20.0	492.9	F	215.0	1247.1	F	272.5	57.5
		EB Left	AM	19.5	C	15.0	19.5	C	15.0	0.0	21.7	C	20.0	21.7	C	20.0	0.0
			PM	32.4	D	37.5	32.4	D	37.5	0.0	40.1	E	50.0	40.1	E	50.0	0.0
		WB Left	AM	34.3	D	5.0	172.8	F	152.5	147.5	39.4	E	5.0	241.8	F	177.5	172.5
			PM	22.0	C	5.0	24.7	C	10.0	5.0	24.2	C	5.0	27.3	D	12.5	7.5
3	Beacon Aveue / 11th Street (Unsignalized)	SB Left/Right	AM	10.3	B	2.5	10.0	B	7.5	5.0	10.5	B	2.5	10.2	B	10.0	7.5
			PM	10.9	B	5.0	10.7	B	7.5	2.5	11.2	B	7.5	11.0	B	7.5	0.0
		EB Left	AM	7.6	A	0.0	7.6	A	0.0	0.0	7.7	A	0.0	7.7	A	0.0	0.0
			PM	7.7	A	0.0	7.7	A	0.0	0.0	7.8	A	0.0	7.8	A	0.0	0.0

[1] Pursuant to *LADOT Transportation Assessment Guidelines*, July 2020, the Highway Capacity Manual (HCM) methodology for signalized and unsignalized intersections was utilized to calculate vehicle queuing.
[2] Control delay reported in seconds per vehicle.
[3] Signalized Intersection Levels of Service were based on the following criteria:

Control Delay (s/veh)	LOS
<= 10	A
> 10-20	B
> 20-35	C
> 35-55	D
> 55-80	E
> 80	F

Unsignalized Intersection Levels of Service were based on the following criteria:

Control Delay (s/veh)	LOS
<= 10	A
> 10-15	B
> 15-25	C
> 25-35	D
> 35-50	E
> 50	F

[4] The 95th percentile queue is the maximum back of queue with 95th percentile traffic volumes. The HCM 6th Edition methodology worksheets report queues in number of vehicles, however an average vehicle length of 25 feet was assumed for analysis purposes. The reported queues therefore represent the calculated maximum back of queue in feet.
[5] Represents the change in calculated maximum back of queue (in feet) due to the addition of Project-related traffic.

- Yes, the Project will require a discretionary action that would be under review by the Department of City Planning.

- Would the land use project generate a net increase of 250 or more daily vehicle trips?

  - Yes, the Project will generate a net increase of 250 or more daily vehicle trips. As indicated on the Screening Tab of the VMT Calculator (Page 1 of *Appendix B*), the Project would generate 647 net new daily vehicle trips.

As the answer is "yes" to both of the screening criteria questions (i.e., the Project will require a discretionary action and the Project will generate more than 250 daily trips), further analysis is required to evaluate Project access, safety and circulation.

5.2.2 *Evaluation Criteria*

For operational evaluation of land use projects, the City's TAG requires a quantitative evaluation of the Project's expected access and circulation operations. Project access is considered constrained if the Project's traffic would contribute to unacceptable queuing on an Avenue or Boulevard (as designated in the Mobility Plan 2035) at Project driveway(s) or would cause or substantially extend queuing at nearby signalized intersections. Unacceptable or extended queuing may be defined as follows:

- Spill over from turn pockets into through lanes.

- Block cross streets or alleys.

- Contribute to gridlock congestion. For the purposes of this section, "gridlock" is defined as the condition where traffic queues between closely spaced intersections and impedes the flow of traffic through upstream intersections.

The City's TAG acknowledges that demand for curbside space has substantially increased due to the continued expansion of driver-for-hire transportation network companies (TNCs) and shared mobility services. As such, the TAG states that a transportation assessment should characterize the on-site loading demand of the project frontage and answer the following questions:

- Would the project result in passenger loading demand that could not be accommodated within any proposed on-site passenger loading facility?

  - No, as discussed in Section 2.5, student loading and unloading would occur in the on-site drop-off/pick-up area located within the existing alley between the School Site and the Parking Site. The drop-off/pick-up area can effectively accommodate one lane of queued vehicles (15 vehicles), plus a bypass lane to allow vehicles to bypass the queue should there be delay related to the passenger loading/unloading of one or more of the queued vehicles. It is noted that the forecast peak demand of queued vehicles, which would occur during the morning student drop-off period, is six vehicles. Therefore, vehicles are not expected to queue onto Beacon Avenue, and it

is concluded that the drop-off/pick-up area can accommodate passenger loading and unloading demand. While passenger loading and unloading will occur within the on-site drop-off/pick-up area, some intermittent curbside loading/unloading may occur along the Project Site's Runnymede Street and Valerio Street frontages.

- Would accommodating the passenger loading demand create pedestrian or bicycle conflicts? Which curbside management options should be explored to better address passenger loading needs in the public right-of-way?

  - No pedestrian or bicycle conflicts due to potential loading/unloading activities are anticipated to occur. For any curbside loading/unloading zones that may be proposed by the Project Applicant, appropriate signage and pavement/curb markings will be required by the City and installed by the Applicant. Any installations that fall within the City's (public) right-of-way will require prior review and approval by LADOT. However, the Project Applicant is not proposing any curbside loading/unloading zones.

5.2.3 *Operational and Passenger Loading Evaluation Methodology*

Based on coordination with LADOT staff and as presented in the transportation assessment MOU, the following three study intersections were identified for operational evaluation of whether the Project's traffic would contribute to unacceptable queuing on an Avenue or Boulevard:

1. Burlington Avenue / Olympic Boulevard
2. Beacon Avenue / Olympic Boulevard
3. Beacon Avenue / 11th Street

The study locations were based on proximity to the Project Site and the importance of the intersections in terms of the Project's site access and circulation scheme.

The analysis was prepared based on the HCM operational analysis methodology pursuant to the City's TAG. Intersection analyses were prepared utilizing the *HCS7* software package, which implements the HCM operational methods. In addition, specifics such as traffic volume data, lane configurations, available vehicle storage lengths, crosswalk locations, posted speed limits, traffic signal timing and phasing for signalized locations, etc., were coded in the *HCS7* software. The operational analysis was prepared utilizing the following data previously presented herein:

- Project Peak Hour Traffic Generation: Refer to Subsection 2.9.1
- Project Trip Distribution and Assignment: Refer to Subsection 2.9.2
- Existing Vehicle Network: Refer to Subsection 3.3
- Existing Weekday AM and PM Hour Traffic Count Data: Refer to Subsection 3.4

- Related Projects (i.e., within a one-half mile radius) and Ambient Traffic Growth: Refer to Subsection 3.5

LADOT confirmed the appropriateness of the above data in the transportation assessment MOU it approved for the Project. The transportation assessment MOU is attached to this report in *Appendix A*.

The operational analysis of vehicle queuing at the study intersections was prepared for the following conditions:

(a) Existing (2020) conditions.

(b) Condition (a) with completion and occupancy of the Project.

(c) Condition (a) plus one percent (1.0%) annual ambient traffic growth through year 2025 and with completion and occupancy of the related projects (i.e., future cumulative baseline)

(d) Condition (c) with completion and occupancy of the Project.

Pursuant to the City's TAG, the HCM methodology for signalized and unsignalized intersections was utilized to calculate vehicle queuing. The operation analysis reports the control delay (in seconds), Levels of Service (LOS), and 95th percentile queues (in feet) for all approaches for the signalized intersections and the minor street approaches for the unsignalized intersections. The 95th percentile queue is the maximum back of queue with 95th percentile traffic volumes. The HCM 6th Edition methodology worksheets report queues in number of vehicles. As such, an average vehicle length of 25 feet, which includes the length of the vehicle and spacing between vehicles, was assumed for analysis purposes. The reported queues therefore represent the calculated maximum back of queue in feet. The summary of the operational analysis of the study intersections is provided in *Table 5–1*. The HCM methodology worksheets for the analyzed intersections are contained in ***Appendix E***.

The existing traffic volumes at the study intersections during the weekday AM and PM peak hours are displayed in *Figure 3–7*. The "Existing with Project" traffic volumes at the study intersections during the weekday AM and PM peak hours are illustrated in ***Figure 5–1***. The "Future Cumulative Baseline" (existing, ambient growth and related projects) traffic volumes at the study intersections during the weekday AM and PM peak hours are presented in ***Figure 5–2***. The "Future Cumulative with Project" (existing, ambient growth, related projects, and Project) traffic volumes at the study intersections during the weekday AM and PM peak hours are illustrated in ***Figure 5–3***.

As presented in *Table 5–1*, the Project would not cause or substantially extend vehicle queuing at two of the three study intersections during the weekday AM and PM peak hours. At these intersections, the change in queue length associated with the Project ranges from a slight decrease in queue length to a maximum of 22.0 feet (i.e., just less than one vehicle). The Project

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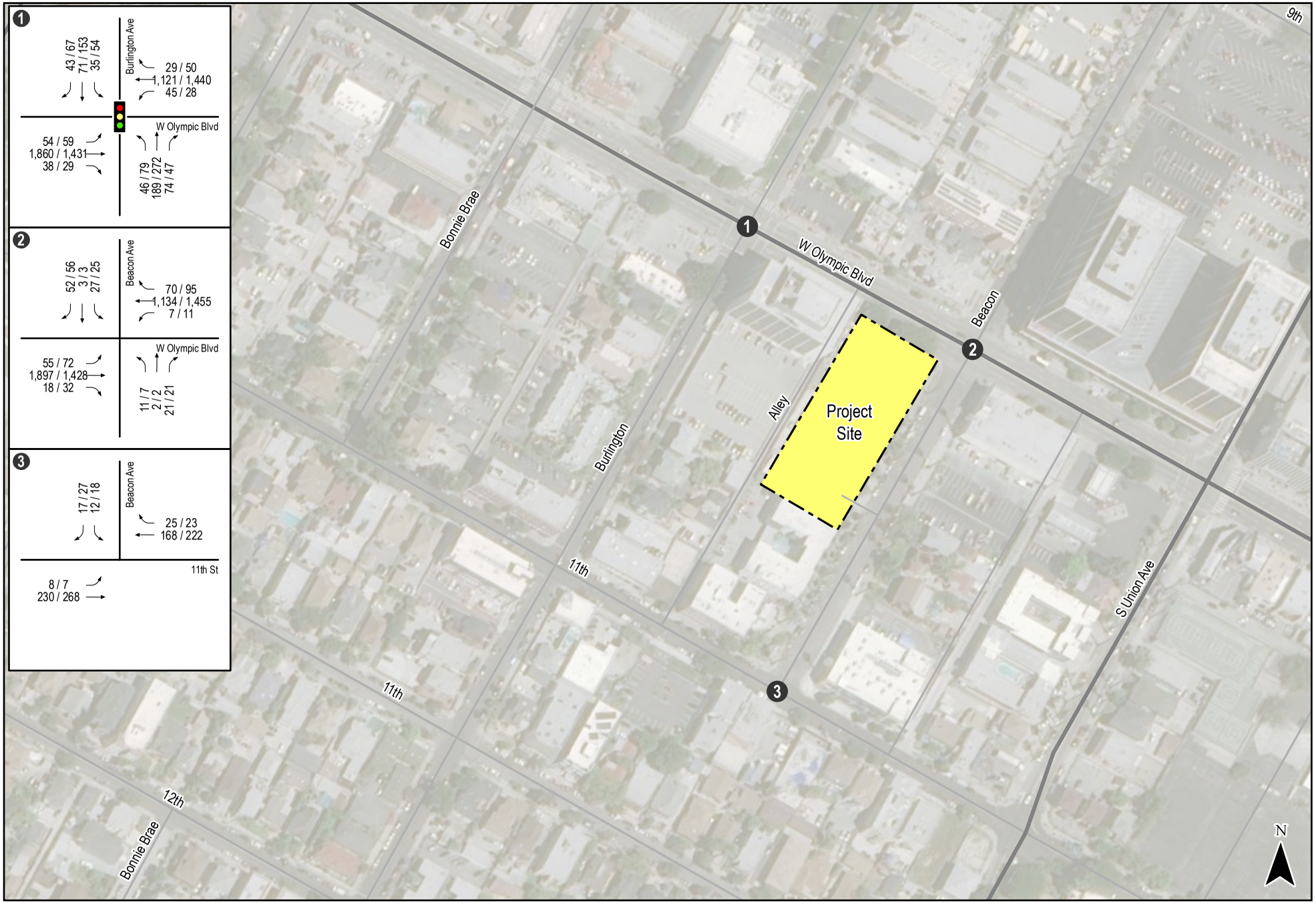
GeoEye, Maxar, Microsoft

Study Intersection
AM/PM Peak Hour Volumes

Figure 5-1
Existing with Project Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL



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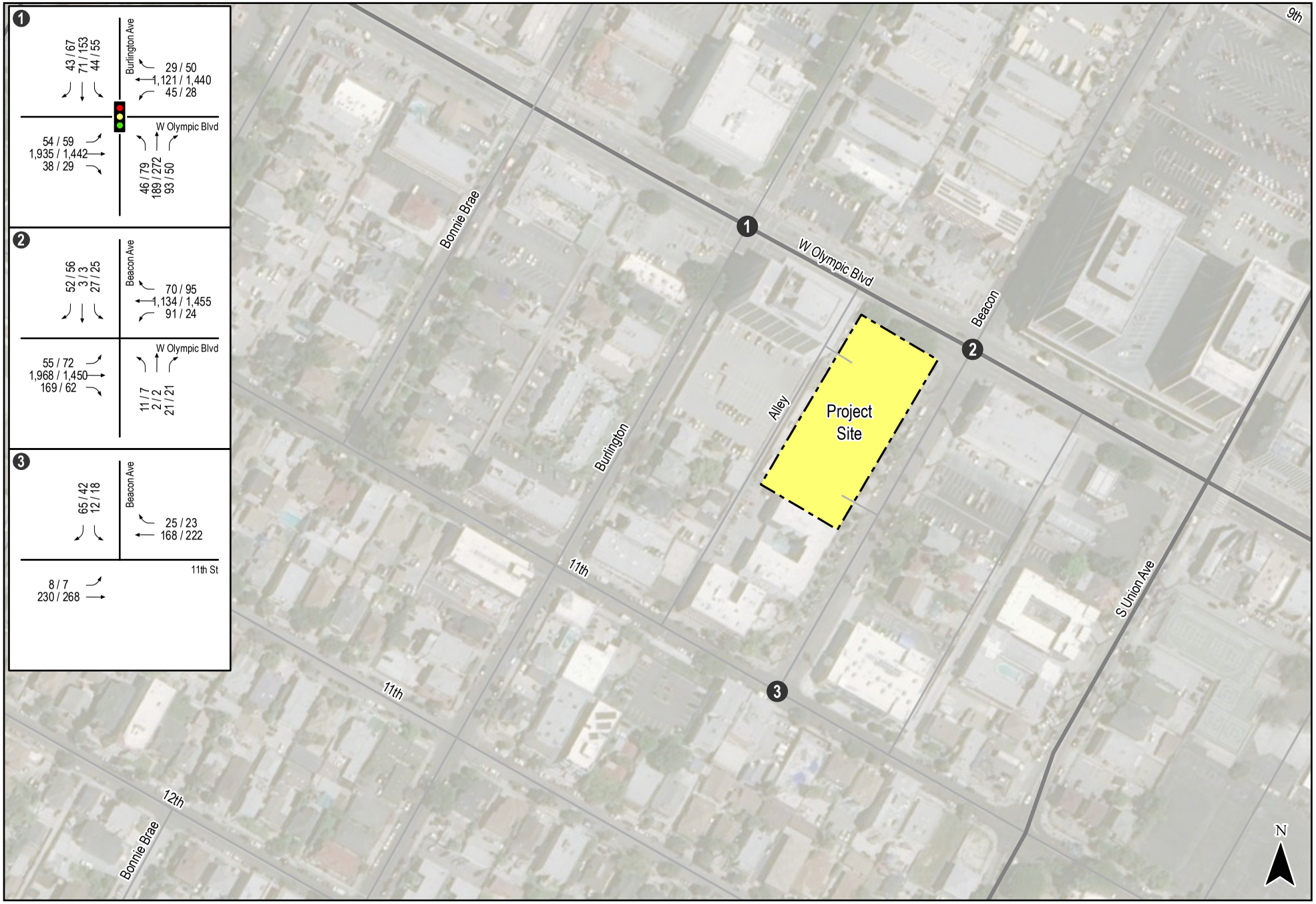
Study Intersection
AM/PM Peak Hour Volumes

Figure 5-2
Future Cumulative Baseline Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL



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GeoEye, Maxar, Microsoft

Study Intersection
AM/PM Peak Hour Volumes

Figure 5-3
Future Cumulative with Project Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL

would result in unacceptable queuing and/or operational deficiencies at the following intersection:

- Beacon Avenue / Olympic Boulevard
  - The change in queue length associated with the Project at the westbound Olympic Boulevard left-turn approach under Future Cumulative with Project conditions increases by 172.5 feet (i.e., just less than seven vehicles) during the weekday AM peak hour. It is noted that the left-turn lane's storage capacity is approximately 106 feet (i.e., just over four vehicles). However, an additional 20 feet of storage capacity is provided for the back of the queue. Furthermore, vehicles making a left-turn movement onto Beacon Avenue typically encroach into the center of the intersection while waiting to make the turn, thereby providing additional effective queuing capacity for the westbound left-turn movement. Therefore, the change in queue associated with the Project are not expected to contribute to unacceptable queuing on Olympic Boulevard, which is designated as a Boulevard II. Additionally, due to the high number of eastbound and westbound traffic volumes, delay and queue length at the northbound and southbound Beacon Avenue approaches of the intersection are expected to experience "overflow" conditions. However, as shown in *Figure 2–4*, the Project will not add traffic to these approaches.

While it is envisioned that passenger loading/unloading would occur within the Project's drop-off/pick-up area, some curbside loading/unloading might also occur along the Olympic Boulevard and Beacon Avenue frontages. No pedestrian or bicycle conflicts due to potential loading/unloading activities are anticipated to occur. Additionally, the Applicant will consult the LADOT Central District Office to determine if school warning and speed limit signs and school crosswalk and pavement markings, passenger loading zones, and school bus loading zones are needed. Based on the findings above, no further action is required or recommended as it related to Project access and circulation.

5.3 Traffic Signal Warrant Analysis

A supplemental analysis was conducted for the existing Beacon Avenue / Olympic Boulevard stop-controlled intersection located adjacent to the Project Site to determine if traffic signal installation may be warranted following build-out and occupancy of the Project. This analysis was prepared at the request of LADOT to determine if traffic signals are warranted at this intersection.

The traffic signal warrant analysis was prepared based on criteria set forth in Chapter 4C of the *Manual on Uniform Traffic Control Devices (MUTCD)*.[12] Warrant No. 3 (Peak Hour Volume) traffic signal warrants were prepared. The traffic signal warrant calculations were based on existing traffic volumes and future forecast cumulative plus Project traffic volumes along all approaches. Copies of the traffic signal warrant data worksheets are contained in ***Appendix F***.

[12] *Manual on Uniform Traffic Control Devices (MUTCD),* 2014 California Supplement, November 7, 2014.

5.3.1 *Existing Conditions*

The following provides a summary of existing conditions, as well as factors assumed, and data collected in preparing the traffic signal warrant analysis:

- The Beacon Avenue / Olympic Boulevard intersection is currently controlled by stop signs facing the side street (Beacon Avenue) approaches.
- Olympic Boulevard was assumed to be the major street, while Beacon Avenue was assumed to be the minor street.
- Olympic Boulevard has a posted speed limit of 35 miles per hour within the Project study area. There is no speed limit posted on Beacon Avenue, thus a prima facie speed limit of 25 miles per hour is assumed, consistent with the State of California Vehicle Code.
- Section 3.4 herein details the methodology used to derive traffic counts for this intersection. Copies of the traffic count data used to derive the traffic volumes for the and approaches are contained in *Appendix A*.

The "Existing with Project" scenario evaluates existing traffic volumes, plus Project-related traffic. The "Future Cumulative with Project" scenario evaluated existing traffic volumes, Project-related traffic volumes, traffic related to nearby related projects, as well as ambient traffic growth.

5.3.2 *Warrant 3: Peak Hour Volume Warrant*

Due to the inability to conduct current traffic counts, only the Peak Hour Volume Warrant (Warrant 3) was prepared for this traffic signal warrant analysis. Warrant 3 is applied for land uses that attract or discharge large numbers of vehicles over a short period of time. Warrant 3 is satisfied when the plotted point, representing the vehicles per hour on the major street (total of both approaches) and the corresponding vehicles per hour on the higher volume minor street approach (one direction only) for one hour of an average day, falls above the curve in Figure 4C-3 for the applicable number of approach lanes. The lower threshold for a major street approach with two or more approach lanes is 500 vehicles per hour while the lower threshold for a minor street approach with one lane is 100 vehicles per hour.

As indicated in Figure 4C-3 provided in *Appendix F*, the plotted point for the peak hour falls below the applicable curve under all conditions for the Beacon Avenue / Olympic Boulevard intersection, and therefore Warrant 3 is not satisfied for the intersection.

As noted in the MUTCD document, the satisfaction of traffic signal warrants does not necessarily justify the installation of a traffic signal. Delay, congestion, approach conditions, driver behavior, intersection location/vicinity, and/or other evidence of the need for right-of-way assignment beyond that which could be provided by stop-sign control may also be demonstrated.

5.4 Project Construction Effect on Nearby Mobility

The project construction evaluation addresses activity associated with project construction and major in-street construction of infrastructure projects.

5.4.1 *Screening Criteria*

- Would a project that requires construction activities to take place within the right-of-way of a Boulevard or Avenue (as designated in Mobility Plan 2035) which would necessitate temporary lane, alley, or street closures for more than one day (including day and evening hours, and overnight closures if on a residential street)?

  - No. Construction activities are not planned to require the closure of any vehicle travel lanes on Olympic Boulevard, which is designated as a Boulevard II. This is due primarily to the availability of on-street parking adjacent to the Project Site on Beacon Avenue which precludes the need to use the adjacent travel lanes on Olympic Boulevard.

- Would a project require construction activities to take place within the right-of-way of a Collector or Local Street (as designated in the Mobility Plan 2035) which would necessitate temporary lane, alley, or street closures for more than seven days (including day and evening hours, and including overnight closures if on a residential street)?

  - No. Construction activities are not planned to require the closure of any vehicle travel lanes on Beacon Avenue, which is designated as a Local Street – Standard. This is due primarily to the availability of on-street parking adjacent to the Project Site on Beacon Avenue which precludes the need to use the adjacent travel lanes.

- Would in-street construction activities result in the loss of regular vehicle, bicycle, or pedestrian access, including loss of existing bicycle parking to an existing land use for more than one day, including day and evening hours and overnight closures if access is lost to residential units?

  - Yes. Temporary closures of the sidewalks along the Project Site's Olympic Boulevard and Beacon Avenue frontages may be required during portions of the construction period. However, signs would be posted advising pedestrians of temporary sidewalk closures and providing alternative routes. No bicycle routes/lanes in the Project study area would require temporary closure. Additionally, the Project Applicant will prepare and implement a Construction Management Plan that will reduce construction-related impacts on the surrounding community, and will minimize potential conflicts between construction activities, street traffic, bicyclists, and pedestrians.

- Would in-street construction activities result in the loss of regular ADA pedestrian access to an existing transit station, stop, or facility (e.g., layover zone) during revenue hours?

- No.

- Would in-street construction activities result in the temporary loss for more than one day of an existing bus stop or rerouting of a bus route that serves the project site?

  - No.

- Would construction activities result in the temporary removal and/or loss of on-street metered parking for more than 30 days?

  - Yes. Construction activities may require temporary removal and/or loss of on-street metered parking along Beacon Avenue for more than 30 days.

- Would the project involve a discretionary action to construct new building of more than 1,000 square feet that require access for hauling construction materials and equipment from streets of less than 24-feet wide in a hillside area?

  - No.

As the answer is "yes" to two of the screening criteria questions, further analysis is required to evaluate whether Project construction would negatively affect pedestrian, bicycle, transit, or vehicle circulation.

5.4.2 *Evaluation Criteria and Methodology*

The evaluation criteria for project construction are focused on whether the proposed project would adversely affect mobility in the project vicinity during the construction process. Specifically, the City's TAG asks the following question: "Would construction of a project substantially interfere with pedestrian, bicycle, transit, or vehicle circulation and accessibility to adjoining areas?" Factors to be considered are the location of the project site, the functional classification of the adjacent street(s), the availability of alternate routes or additional capacity, temporary loss of bicycle parking, temporary loss of bus stops or rerouting of transit lines, the duration of temporary loss of access, the affected land uses, and the magnitude of the temporary construction activities.

Factors to consider when assessing a project construction's potential effect on mobility in the project area include the following:

- Temporary transportation constraints:

  - The length of time of temporary street closures or closures of two or more travel lanes;

  - The classification of the street (major arterial, state highway) affected;

  - The existing congestion levels on the affected street segments and intersections;

- Whether the affected street directly leads to a freeway on- or off-ramp or other state highway;
- Potential safety issues involved with street or lane closures; and
- The presence of emergency services (fire, hospital, etc.) located nearby that regularly use the affected street.

- Temporary loss of access:
  - The length of time of any loss of pedestrian or bicycle circulation past a construction area;
  - The length of time of any loss of vehicular, bicycle, or pedestrian access to a parcel fronting the construction area;
  - The length of time of any loss of ADA pedestrian access to a transit station, stop, or facility;
  - The availability of nearby vehicular or pedestrian access within ¼ mile of the lost access; and
  - The type of land uses affected, and related safety, convenience, and/or economic issues.

- Temporary Loss of Bus Stops or Rerouting of Bus Lines:
  - The length of time that an existing bus stop would be unavailable or that existing service would be interrupted;
  - The availability of a nearby location (within ¼ mile) to which the bus stop or route can be temporarily relocated;
  - The existence of other bus stops or routes with similar routes/destinations within a ¼-mile radius of the affected stops or routes; and
  - Whether the interruption would occur on a weekday, weekend or holiday, and whether the existing bus route typically provides service that/those day(s).

Descriptions of the Project location and physical setting are provided in Subsection 2.1, Project Site Location, and Section 3.0, Project Context, herein that apply to this analysis. The Project location and Project setting data items such as adjacent street classifications, public bicycle parking, inventory of existing transit lines, bus stops, etc. Per Section 3.4.4 of the TAG, the evaluation of the Project construction includes a review of whether construction activity within the street right-of-way would require any of the following:

- Street, sidewalk, or lane closures.
- Block existing vehicle, bicycle, or pedestrian access along a street or to parcels fronting the street.
- Modification of access to transit stations, stops, or facilities during revenue hours.
- Closure or movement of an existing bus stop or rerouting of an existing bus line.
- Creation of transportation hazards.

The City's TAG notes that a comparison of the results to the evaluation criteria are to be provided in order to determine the level of impact. The summary of the Project construction evaluation criteria review in order to determine level of impact is provided in ***Table 5–2***.

As presented in *Table 5–2*, Project construction would not result in the closure of two or more travel lanes, would not require relocation of existing bus transit stops or routes, would not result in the loss of regular vehicle or bicycle access, and would not impede emergency access. However, Project construction may result in the temporary loss of pedestrian access along the Project Site's Olympic Boulevard and Beacon Avenue frontages.

5.4.3 *Recommended Project-Specific Action Items*

Due to the short-term nature of construction activities and the variable characteristics and needs of a specific project's construction phase(s), it is recommended that a construction work site traffic control plan be submitted to LADOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of construction activity. The construction work site traffic control plan is required to identify the location of all temporary roadway lane and/or sidewalk closures needed during project construction. Additionally, if pedestrian detours and/or temporary travel lane closures are proposed, LADOT requires submission and approval of a traffic control/management plan prior to the issuance of building permits.

Consistent with LADOT's recommendation and requirements, the Project Applicant would prepare a detailed Construction Staging and Traffic Management Plan (CSTMP), which would include any applicable street/lane/sidewalk closure information, a detour plan, haul route(s), and a staging plan. The plan would be based on the nature and timing of the Project's specific construction activities and would consider other projects under construction in the immediate vicinity of the Project Site. The CSTMP also would include features such as notification to adjacent project owners and occupants of upcoming construction activities, advance notification regarding any temporary transit stop relocations, and limitation of any potential roadway lane closure(s) to off-peak travel periods, to the extent feasible.

Table 5-2
QUALITATIVE REVIEW OF PROJECT CONSTRUCTION ACTIVITIES

CRITERIA	PROJECT RESPONSE	DESCRIPTION
TEMPORARY TRANSPORTATION CONSTRAINTS		
The length of time of temporary street closures or closures of two or more travel lanes.	**N/A**	**Project construction will not require street closures or closures of two or more travel lanes.**
The classification of the street (major arterial, state highway) affected.	**Boulevard II; Local Street - Standard**	**Olympic Boulevard and Beacon Avenue are classified as a Boulevard II and Local Street - Standard, respectively, under the Mobility Plan 2035 Street Standards Plan.**
The existing congestion levels on the affected street segments and intersections.	**Acceptable LOS**	
Whether the affected street directly leads to a freeway on- or off-ramp or other state highway.	**N/A**	**N/A**
Potential safety issues involved with street or lane closures.	**N/A**	**While safety issues are not anticipated, the Project Applicant will prepare a Construction Staging and Traffic Management Plan (CSTMP) which would detail any potential safety issues.**
The presence of emergency services (fire, hospital, etc.) located nearby that regularly use the affected street.	**None**	**N/A**
TEMPORARY LOSS OF ACCESS		
The length of time of any loss of pedestrian or bicycle circulation past a construction area.	**Unknown**	**The Project Applicant will prepare a CSTMP which would detail any loss of pedestrian or bicycle circulation past the construction of the Project.**
The length of time of any loss of vehicular, bicycle, or pedestrian access to a parcel fronting the construction area.	**Unknown**	**The Project Applicant will prepare a CSTMP which would detail any loss of vehicular, bicycle, or pedestrian access to a parcel fronting the construction area.**
The length of time of any loss of ADA pedestrian access to a transit station, stop, or facility.	**None**	**N/A**
The availability of nearby vehicular or pedestrian access within ¼ mile of the lost access.	**None**	**N/A**
The type of land uses affected, and related safety, convenience, and/or economic issues.	**None**	**Access will be maintained for adjacent parcels in the Project vicinity.**
TEMPORARY LOSS OF BUS STOPS OR REROUTING OF BUS LINES		
The length of time that an existing bus stop would be unavailable or that existing service would be interrupted.	**N/A**	**No relocations proposed.**
The availability of a nearby location (within one quarter-mile) to which the bus stop or route can be temporarily relocated.	**N/A**	**N/A**
The existence of other bus stops or routes with similar routes/destinations within a ¼-mile radius of the affected stops or routes.	**N/A**	**N/A**
Whether the interruption would occur on a weekday, weekend or holiday, and whether the existing bus route typically provides service that/those day(s).	**N/A**	**N/A**

6.0 SUMMARY AND CONCLUSIONS

- ***Project Description*** – The Project proposes the development and construction of a four-story charter middle school with 21 classrooms, a multipurpose room, kitchen, and administrative offices. The Project will include new landscaping, a turf field, basketball court, outdoor seating areas, and a safe student dispersal area. The Project proposes to serve a maximum enrollment of 450 students in the 6th through 8th grades. The Project will provide 48 parking spaces within an on-site subterranean parking garage. Construction and occupancy of the Project is proposed to be completed by Q2 2025.

- ***Study Scope –*** This transportation assessment presents This transportation assessment presents (i) a CEQA assessment of whether the Project conflicts or is inconsistent with local transportation-related plans and policies, (ii) a CEQA assessment of Project-related VMT, (iii) a CEQA assessment of whether the Project increases hazards due to a geometric design feature or incompatible use, (iv), a CEQA freeway safety analysis, (v) a non-CEQA assessment of pedestrian, bicycle and transit access, (vi) a non-CEQA evaluation of Project access, safety and circulation, , (vii) a non-CEQA traffic signal warrant analysis for the Beacon Avenue / Olympic Boulevard intersection, and (viii) a non-CEQA review of Project construction activities. LADOT confirmed the appropriateness of the analysis criteria when it entered into a transportation assessment MOU for the Project.

- ***Project Trip Generation*** – The Project is expected to generate 306 vehicle trips (187 inbound trips and 119 outbound trips) during the weekday AM peak hour. During the weekday PM peak hour, the Project is expected to generate 64 vehicle trips (28 inbound trips and 37 outbound trips). The Project is expected to generate 507 net new daily vehicle trips.

- ***Estimated Peak Vehicle Queue*** – As summarized in Section 2.5.1 herein, an estimated maximum queue of approximately six (6) vehicles is anticipated during the peak minute of student drop-off during the AM peak hour, which would exceed any potential queuing when students are picked up in the afternoon. The on-site vehicle queue area can accommodate 15 queued vehicles in one lane, plus a bypass lane to allow vehicles to bypass the queue should there be delay related to the passenger loading/unloading of one or more of the queued vehicles. Accordingly, Project-related trips are not expected to queue onto Beacon Avenue. Further, Bright Star Schools will ensure that all staff arrive to campus prior to commencement of the student drop-off period. Therefore, it is concluded that the planned drop-off/pick-up area can adequately accommodate the forecast peak demand of six queued vehicles during the morning student drop-off operation.

- ***CEQA Analysis***

  - *Project Consistency with Local Plans and Policies:* The Project has been found to be consistent with the relevant City transportation plans, programs, ordinances, or policies, and does not include any features that would preclude the City from completing and complying with these guiding documents and policy objectives. Therefore, a determination of less than significant can be made for the Project with respect to consistency with transportation plans, programs, ordinances, or policies. Furthermore, the Project Applicant will comply with existing applicable City ordinances (e.g., the City's existing TDM Ordinance) and the other requirements pursuant to the LAMC.

  - *VMT Analysis:* As outlined in Section 2.10, the Project, with inclusion of bike parking per the LAMC as a Project Design Feature, would result in a significant VMT impact. Two TDM strategies to be incorporated as Mitigation Measures have been identified to reduce the VMT impact to a less than significant level.Furthermore, based on those TDM strategies, as well as the Project-related VMT analysis and the conclusions discussed in Section 4.2.3 (which demonstrate that the Project falls under the City's efficiency-based impact thresholds and thus are already shown to align with the long-term VMT and GHG reduction goals of SCAG's RTP/SCS), cumulatively significant VMT impacts are not anticipated.

  - *Geometric Design Review:* Given the classification of the roadways along the Project Site's frontage, existing physical condition of the Project Site, surrounding land uses, and planned pedestrian enhancements, no safety concerns related to geometric design are noted. Further, as the student drop-off/pick-up area is internal to the Project Site, students will not have to utilize the public right-of-way to walk to and from the main school building. Therefore, it can be determined that the Project will not substantially increase hazards due to a geometric design feature or incompatible use, resulting in a less than significant impact determination.

  - *Freeway Safety Analysis:* Given that the Project would not add 25 or more net new vehicle trips to any nearby freeway off-ramp during either the AM or PM peak hours, the Project would not result in a significant freeway safety impact.

- ***Non-CEQA Analysis***

  - *Pedestrian, Bicycle, and Transit Access:* It is determined the Project does not include any features that would permanently remove, adversely modify, or degrade pedestrian, bicycle, and transit facilities in the Project vicinity. As noted herein, it is determined that it is possible that the Project may intensify use of pedestrian, bicycle, and transit facilities in the Project vicinity, however, such use is not expected to result in a deficient condition caused by the Project.

- *Project Access and Circulation Review:* The Project's weekday AM and PM peak hour traffic volumes would not cause or substantially extend vehicle queuing at the three study intersections analyzed (as discussed in Section 5.2.3 herein).

- *Traffic Signal Warrant Analysis:* The Peak Hour Volume Warrant (Warrant 3) is not satisfied for the intersection Beacon Avenue and Olympic Boulevard. As noted in the MUTCD document, the satisfaction of traffic signal warrants does not necessarily justify the installation of a traffic signal. Delay, congestion, approach conditions, driver behavior, intersection location/vicinity, and/or other evidence of the need for right-of-way assignment beyond that which could be provided by stop-sign control may also be demonstrated.

- *Project Construction Effect on Nearby Mobility:* The analysis herein concludes the Project would not result in the closure of two or more travel lanes, would not relocate existing bus transit stops or routes, and would not impede emergency access. However, it is recommended that a construction work site traffic control plan be submitted to LADOT's Citywide Temporary Traffic Control Section or Permit Plan Review Section for review and approval prior to the start of construction activity should any lane closure(s) be proposed. Consistent with LADOT's recommendation and requirements, the Project Applicant would also prepare a detailed CSTMP, which includes any applicable street/lane/sidewalk closure information, a detour plan, haul route(s), and a staging plan.

APPENDIX A

APPROVED TRANSPORTATION ASSESSMENT MEMORANDUM OF UNDERSTANDING

LADOT

Transportation Assessment Memorandum of Understanding (MOU)

This MOU acknowledges that the Transportation Assessment for the following Project will be prepared in accordance with the latest version of LADOT's Transportation Assessment Guidelines:

I. PROJECT INFORMATION

Project Name: Rise Kohyang Middle School

Project Address: 1700 W. Olympic Boulevard

Project Description: Development of a charter middle school (Grades 6-8) accommodating a maximum enrollment of 500 students.

LADOT Project Case Number: CEN20-50458 Project Site Plan attached? *(Required)* ☒ Yes ☐ No

II. TRANSPORTATION DEMAND MANAGEMENT (TDM) MEASURES

Provide any transportation demand management measures that are being considered where the eligibility needs to be verified in advance (e.g. bike share kiosks, unbundled parking, microstransit service, etc.). Note that LADOT staff will make the final determination of the TDM measure's eligibility for a particular project. Please confirm eligibility with LADOT staff assigned to your project.

1 Transit Subsidies (Mitigation Measure)

2 Ride-Share Program (Mitigation Measure)

3 Include Bike Parking per LAMC (Project Design Feature)

Select any TDM measures that are currently being considered that may be eligible as a Project Design Feature[1]:

	Reduced Parking Supply[2]
x	Bicycle Parking and Amenities
	Parking Cash Out

III. TRIP GENERATION

Trip Generation Rate(s) Source: ITE 10th Edition / Other ITE 10th Edition

Trip Generation Adjustment *(Exact amount of credit subject to approval by LADOT)*	**Yes**	**No**
Transit Usage	☒	☐
Existing Active or Previous Land Use	☒	☐
Internal Trip	☐	☒
Pass-By Trip	☐	☒
Transportation Demand Management (See above)	☒	☐

Trip generation table including a description of the existing and proposed land uses, rates, estimated morning and afternoon peak hour volumes (ins/outs/totals), proposed trip credits, etc. attached? *(Required)* ☒ Yes ☐ No

	IN	OUT	TOTAL
AM Trips	186	119	305
PM Trips	28	36	64

NET Daily Vehicle Trips (DVT)
941 DVT (ITE 10th ed.)
639 DVT (VMT Calculator ver. 1.3

[1] At this time Project Design Features are only those measures that are also shown to be needed to comply with a local ordinance, affordable housing incentive program, or state law.

[2] Select if reduced parking supply is pursued as a result of a parking incentive as permitted by the City's Bicycle Parking Ordinance, State Density Bonus Law, or a the City/s Transit Oriented Community Guidelines.

IV. STUDY AREA AND ASSUMPTIONS

Project Buildout Year: 2023 Ambient Growth Rate 1.0 % Per Yr.

Related Projects List, researched by the consultant and approved by LADOT, attached? *(Required)* ☒ Yes ☐ No

STUDY INTERSECTIONS and/or STREET SEGMENTS *(May be subject to LADOT revision after access, safety and circulation evaluation)*

1 Burlington Avenue / Olympic Boulevard
2 Beacon Avenue / Olympic Boulevard
3 Beacon Avenue / 11th Street

Is this Project located on a street within the High Injury Network? ☒ Yes ☐ No

V. ACCESS ASSESSMENT

a. Does the project exceed 1,000 net DVT? ☐ Yes ☒ No
b. Is the project's frontage 250 linear feet or more along an Avenue or Boulevard as classified by the City's General Plan? ☐ Yes ☒ No
c. Is the project's building frontage encompassing an entire block along an Avenue or Boulevard as classified by the City's General Plan? ☐ Yes ☒ No

If questions a., b., or c. is Yes then complete **Attachment C.1: Access Assessment Criteria**.

VI. SITE PLAN AND MAP OF STUDY AREA

Does the attached site plan or map of study area show	Yes	No	Not Applicable
Each study intersection and/or street segment	☒	☐	☐
Project Vehicle Peak Hour trips at each study intersection	☒	☐	☐
Project Vehicle Peak Hour trips at each project access point	☒	☐	☐
Project driveways (show widths and directions or lane assignment)	☒	☐	☐
Pedestrian access points and any pedestrian paths	☒	☐	☐
Pedestrian loading zones	☒	☐	☐
Delivery loading zone or area	☒	☐	☐
Bicycle parking onsite	☒	☐	☐
Bicycle parking offsite (in public right-of-way)	☐	☐	☒

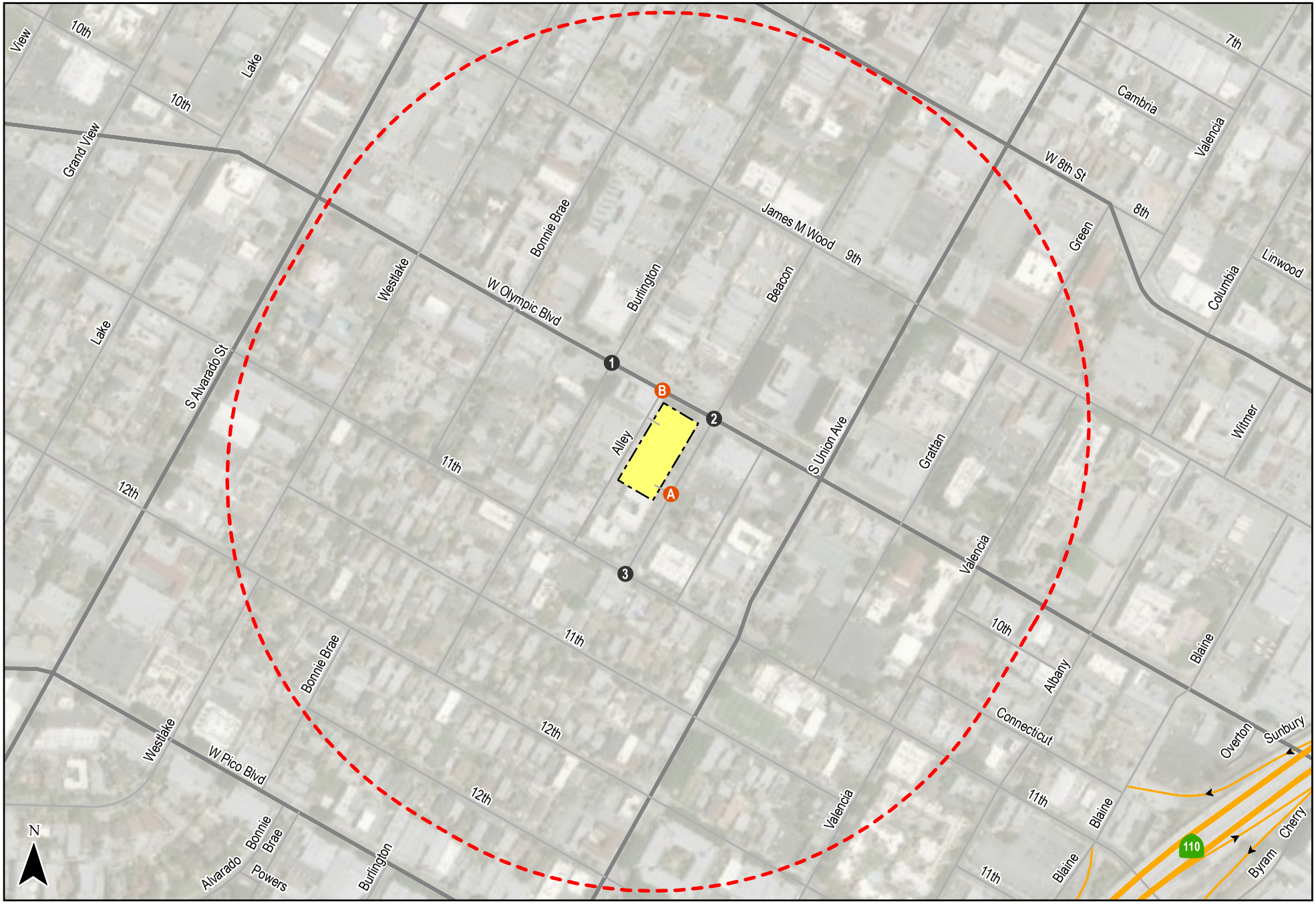
VII. CONTACT INFORMATION

	CONSULTANT	DEVELOPER
Name:	Linscott, Law & Greenspan, Engineers	Bright Star Schools
Address:	20931 Burbank Boulevard, Suite C	600 South La Fayette Park Place, Suite 302
	Woodland Hills, CA 91367	Los Angeles, CA 90057
Phone Number:	(818) 835-8648	(424) 354-6999
E- Mail:	jshender@llgengineers.com	esugay@brightstarschools.org

Approved by: x [signature] 11/12/2020 x Eileen Hunt Digitally signed by Eileen Hunt Date: 2020.11.17 14:13:16 -08'00'

Consultant's Representative | Date | LADOT Representative | *Date

*MOUs are generally valid for two years after signing. If after two years a transportation assessment has not been submitted to LADOT, the developer's representative shall check with the appropriate LADOT office to determine if the terms of this MOU are still valid or if a new MOU is needed.



LINSCOTT LAW & GREENSPAN engineers

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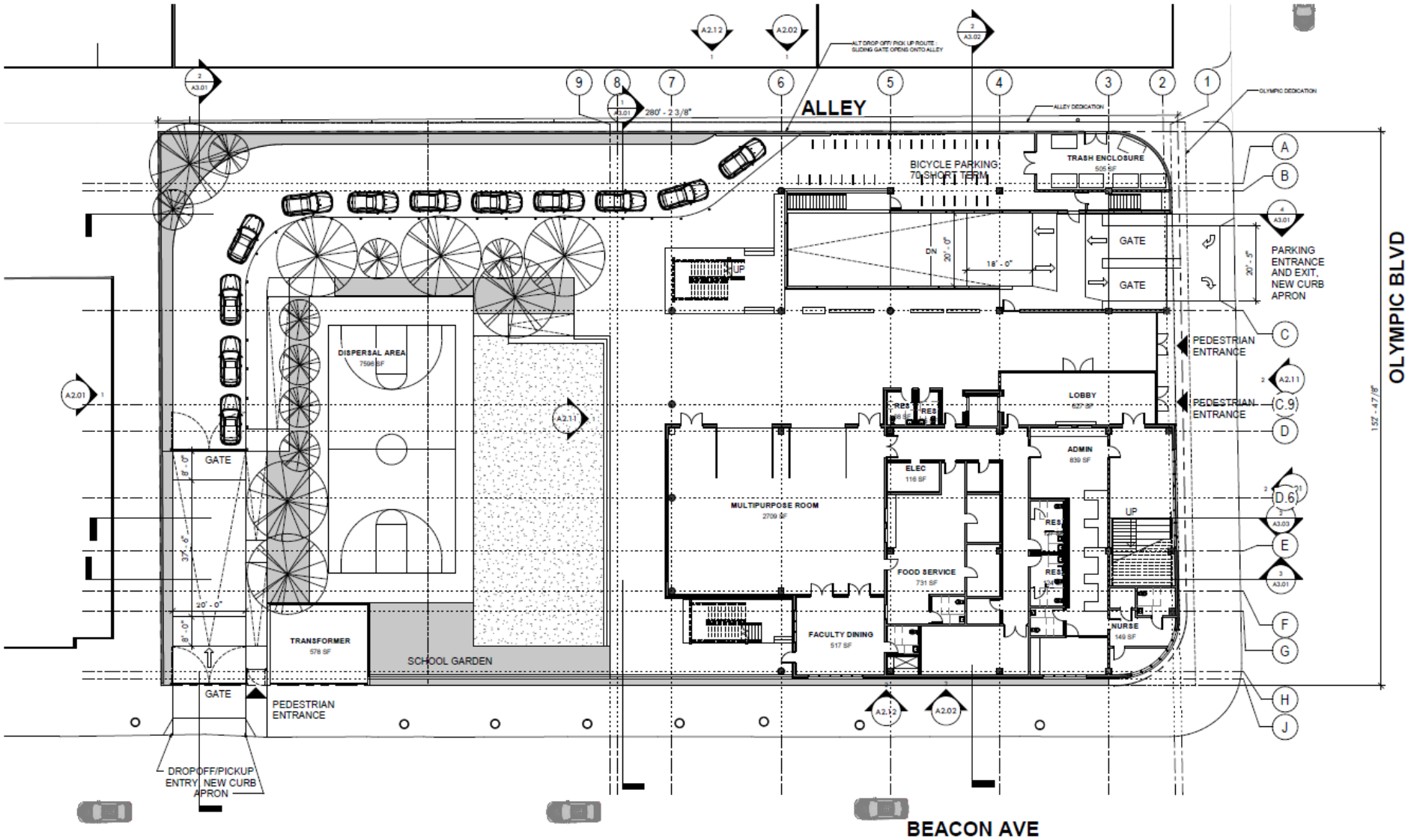
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- # Study Intersection
- # Project Access Point
- Project Site
- 0.25-Mile Boundary

Figure 1-1
Vicinity Map

RISE KOHYANG MIDDLE SCHOOL



LINSCOTT LAW & GREENSPAN engineers

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Figure 2-2
Project Site Plan

RISE KOHYANG MIDDLE SCHOOL

Table 2-1
PROJECT TRIP GENERATION [1]

27-Oct-20

LAND USE	SIZE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
			IN	OUT	TOTAL	IN	OUT	TOTAL
Proposed Project								
Charter Middle School [3]	450 Students	1,116	220	140	360	33	44	77
Transit Trips [4]								
Charter Middle School (15%)		(167)	(33)	(21)	(54)	(5)	(7)	(12)
Subtotal Project Driveway Trips		**949**	**187**	**119**	**306**	**28**	**37**	**65**
Existing Site								
Office [5]	(1,000) GSF	(10)	(1)	0	(1)	0	(1)	(1)
Existing Transit Trips [4]								
Office (15%)		2	0	0	0	0	0	0
Subtotal Existing Driveway Trips		**(8)**	**(1)**	**0**	**(1)**	**0**	**(1)**	**(1)**
NET INCREASE DRIVEWAY TRIPS		**941**	**186**	**119**	**305**	**28**	**36**	**64**

[1] Source: ITE *Trip Generation Manual,* 10th Edition, 2017.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 536 (Private School K-12) trip generation average rates per number of students.
- Daily Trip Rate: 2.48 trips/student; 50% inbound and 50% outbound
- AM Peak Hour Trip Rate: 0.80 trips/student; 61% inbound/39% outbound
- PM Peak Hour Trip Rate: 0.17 trips/student; 43% inbound/57% outbound

[4] The Project Site is located within one-quarter mile of a Metro Rapid bus stop. The trip reduction for transit trips has been applied based on the LADOT *Transportation Assessment Guidelines,* July 2020, for developments within one-quarter mile walking distance of a transit station or Rapid Bus stop.
[5] ITE Land Use Code 710 (General Office Building) trip generation average rates.
- Daily Trip Rate: 9.74 trips/1,000 SF of floor area; 50% inbound and 50% outbound
- AM Peak Hour Trip Rate: 1.16 trips/1,000 SF of floor area; 86% inbound/14% outbound
- PM Peak Hour Trip Rate: 1.15 trips/1,000 SF of floor area; 16% inbound/84% outbound

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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

- # Study Intersection
- # Project Access Point
- Inbound Trip Distribution
- Outbound Trip Distribution

Figure 2-3
Project Trip Distribution
(Existing Site)

RISE KOHYANG MIDDLE SCHOOL

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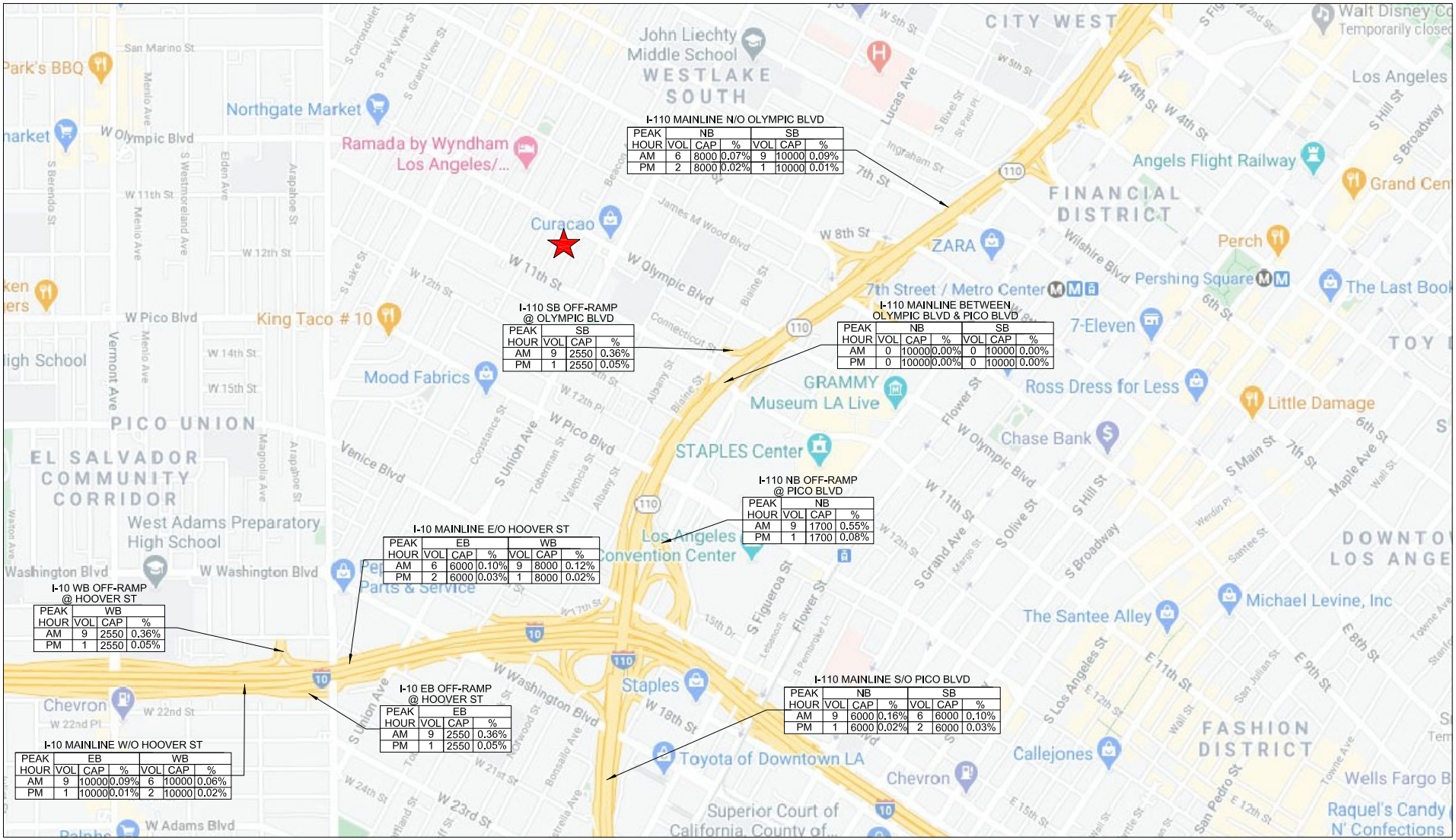
Time: 1:22 PM

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Study Intersection
Project Access Point
AM/PM Peak Hour Volumes

Figure 2-5
Net New Project Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL



THE PROJECT IS NOT FORECASTED TO ADD 25 OR MORE TRIPS TO NEARBY OFF-RAMPS SERVING THE PROJECT SITE. THE PROJECT IS ALSO NOT FORECASTED TO ADD MORE THAN 1-PERCENT OF TRAFFIC TO EITHER THE FREEWAY MAINLINE OR LOCAL UTILIZED OFF-RAMPS, ASSUMING A "WORSE CASE OPERATIONS" AT LOS E OR LOS F.

LINSCOTT LAW & GREENSPAN engineers

N:\0493\Figure
Date: 10/27/2020
Time: 1:10 PM

Exhibit A

Project Freeway Mainline and Off-Ramp Traffic Volumes

RISE KOHYANG MIDDLE SCHOOL

Table 3-2
RELATED PROJECTS LIST AND TRIP GENERATION [1]

28-Oct-20

MAP NO.	PROJECT NAME/ PROJECT NUMBER	PROJECT STATUS	ADDRESS/ LOCATION	LAND USE DATA		PROJECT DATA SOURCE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
				LAND-USE	SIZE			IN	OUT	TOTAL	IN	OUT	TOTAL
1	1728 W. 7th Street Restaurant and Bar	Approved	1728 W. 7th Street	Restaurant Bar	9,600 GSF 3,500 GSF		362	(30)	(40)	(70)	50	14	64
2	1011 S. Park View Street Apartments	Proposed	1011 S. Park View Street	Apartments	138 DU	[3]	1,010	14	49	63	49	28	77
3	1322 W. Linwood Avenue Apartments	Proposed	1322 W. Linwood Avenue	Apartments	84 DU		449	5	30	35	28	14	42
4	2005 James M. Wood Boulevard Hotel	Proposed	2005 James M. Wood Boulevard	Hotel Retail	100 Rooms (8,288) GSF	[4]	545	24	18	42	20	18	38
5	1030 S. Lake Street Assisted Living	Proposed	1030 S. Lake Street	Assisted Living Senior Housing	338 Beds 34 DU		939	39	23	62	49	48	97
6	Ethos Societe	Proposed	806 S. Garland Avenue	Apartments Office Retail Day Care Center	120 DU 33,703 GSF 6,906 GSF 10,049 GSF		1,215	73	61	134	67	87	154
7	Equitas 5-6 Elementary Schools	Proposed	1612 W. Pico Boulevard	Charter Elementary School Corporate Office Corporate Office	1,000 Students 5,432 GSF (5,852) GSF	[5]	2,229	328	211	539	66	86	152
TOTAL							6,749	453	352	805	329	295	624

[1] Source: City of Los Angeles Department of Transportation Related Projects List, unless otherwise noted.
[2] Trips are one-way traffic movements, entering or leaving.
[3] ITE Land Use Code 220 (Multifamily Housing [Low-Rise]) trip generation average rates.
[4] Source: Traffic Impact Study for the 2005 James M. Wood Boulevard Hotel Project, prepared by Linscott, Law & Greenspan, Engineers, February 21, 2017.
[5] Source: Transportation Assessment for the Equitas 5-6 Elementary Schools Project, prepared by Linscott, Law & Greenspan, Engineers, September 18, 2020.

CITY OF LOS ANGELES VMT CALCULATOR Version 1.3

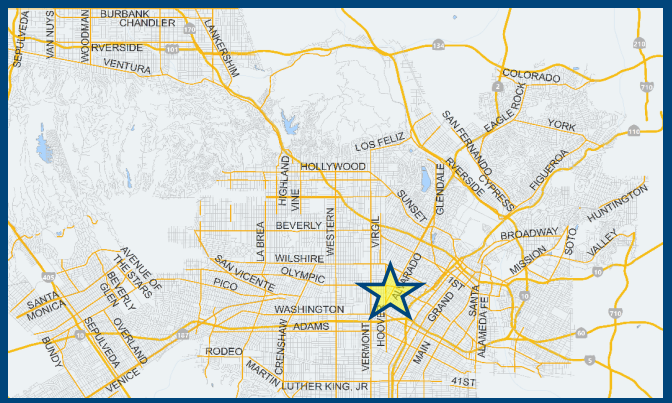
Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project: Rise Kohyang Middle School

Scenario: Proposed Project

Address: 1700 W OLYMPIC BLVD, 90015



Is the project replacing an existing number of residential units with a smaller number of residential units AND is located within one-half mile of a fixed-rail or fixed-guideway transit station?

○ Yes ◉ No

Existing Land Use

Land Use Type	Value	Unit
Office | General Office	1	ksf
Office | General Office	1	ksf

☐ Click here to add a single custom land use type (will be included in the above list)

Proposed Project Land Use

Land Use Type	Value	Unit
School | Private School (K-12)	450	Students
School | Private School (K-12)	450	Students

☐ Click here to add a single custom land use type (will be included in the above list)

Project Screening Summary

Existing Land Use	Proposed Project
8 Daily Vehicle Trips	647 Daily Vehicle Trips
70 Daily VMT	4,521 Daily VMT

Tier 1 Screening Criteria

Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station. ☐

Tier 2 Screening Criteria

The net increase in daily trips < 250 trips	639 Net Daily Trips
The net increase in daily VMT ≤ 0	4,451 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	0.000 ksf

The proposed project is required to perform VMT analysis.

Measuring the Miles

10/27/2020

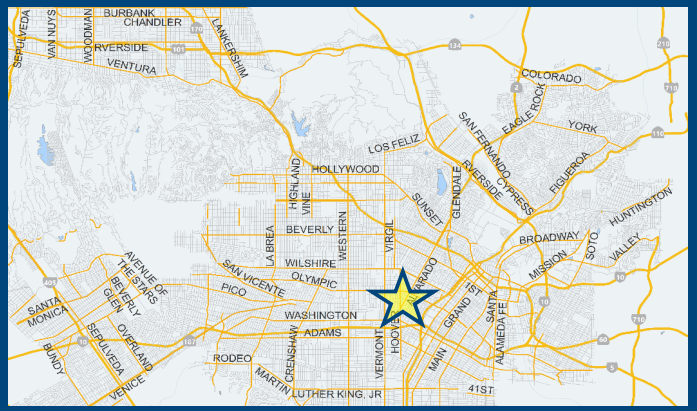
CITY OF LOS ANGELES VMT CALCULATOR Version 1.3

Project Information

Project: Rise Kohyang Middle School

Scenario: Proposed Project

Address: 1700 W OLYMPIC BLVD, 90015



Proposed Project Land Use Type	Value	Unit
School | Private School (K-12)	450	Students

TDM Strategies

Select each section to show individual strategies

Use ☑ to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

	Proposed Project	With Mitigation
Max Home Based TDM Achieved?	**No**	**No**
Max Work Based TDM Achieved?	**No**	**No**

A Parking

Reduce Parking Supply
- 100 — city code parking provision for the project site
- 74 — actual parking provision for the project site
- ☐ Proposed Prj ☐ Mitigation

Unbundle Parking
- 175 — monthly parking cost (dollar) for the project site
- ☐ Proposed Prj ☐ Mitigation

Parking Cash-Out
- 50 — percent of employees eligible
- ☐ Proposed Prj ☐ Mitigation

Price Workplace Parking
- 6.00 — daily parking charge (dollar)
- 50 — percent of employees subject to priced parking
- ☐ Proposed Prj ☐ Mitigation

Residential Area Parking Permits
- 200 — cost (dollar) of annual permit
- ☐ Proposed Prj ☐ Mitigation

B Transit

C Education & Encouragement

D Commute Trip Reductions

E Shared Mobility

F Bicycle Infrastructure

G Neighborhood Enhancement

Analysis Results

Proposed Project	With Mitigation
643 Daily Vehicle Trips	**507** Daily Vehicle Trips
4,493 Daily VMT	**3,508** Daily VMT
0.0 Household VMT per Capita	**0.0** Household VMT per Capita
10.6 Work VMT per Employee	**7.2** Work VMT per Employee

Significant VMT Impact?

Household: No Threshold = 6.0 15% Below APC	**Household: No** Threshold = 6.0 15% Below APC
Work: Yes Threshold = 7.6 15% Below APC	**Work: No** Threshold = 7.6 15% Below APC

Measuring the Miles

10/27/2020

Project Information

Land Use Type		Value	Units
Housing	Single Family	0	DU
	Multi Family	0	DU
	Townhouse	0	DU
	Hotel	0	Rooms
	Motel	0	Rooms
Affordable Housing	Family	0	DU
	Senior	0	DU
	Special Needs	0	DU
	Permanent Supportive	0	DU
Retail	General Retail	0.000	ksf
	Furniture Store	0.000	ksf
	Pharmacy/Drugstore	0.000	ksf
	Supermarket	0.000	ksf
	Bank	0.000	ksf
	Health Club	0.000	ksf
	High-Turnover Sit-Down Restaurant	0.000	ksf
	Fast-Food Restaurant	0.000	ksf
	Quality Restaurant	0.000	ksf
	Auto Repair	0.000	ksf
	Home Improvement	0.000	ksf
	Free-Standing Discount	0.000	ksf
	Movie Theater	0	Seats
Office	General Office	0.000	ksf
	Medical Office	0.000	ksf
Industrial	Light Industrial	0.000	ksf
	Manufacturing	0.000	ksf
	Warehousing/Self-Storage	0.000	ksf
School	University	0	Students
	High School	0	Students
	Middle School	0	Students
	Elementary	0	Students
	Private School (K-12)	450	Students
Other		0	Trips

Analysis Results

Total Employees: 68
Total Population: 0

Proposed Project		*With Mitigation*	
643	**Daily Vehicle Trips**	**507**	**Daily Vehicle Trips**
4,493	**Daily VMT**	**3,508**	**Daily VMT**
0	**Household VMT per Capita**	**0**	**Household VMT per Capita**
10.6	**Work VMT per Employee**	**7.2**	**Work VMT per Employee**

Significant VMT Impact?

APC: Central

Impact Threshold: 15% Below APC Average
Household = 6.0
Work = 7.6

Proposed Project		*With Mitigation*	
VMT Threshold	**Impact**	**VMT Threshold**	**Impact**
Household > 6.0	No	Household > 6.0	No
Work > 7.6	Yes	Work > 7.6	No

TDM Strategy Inputs

Strategy Type		Description	Proposed Project	Mitigations
Parking	*Reduce parking supply*	*City code parking provision (spaces)*	*0*	*0*
		Actual parking provision (spaces)	*0*	*0*
	Unbundle parking	*Monthly cost for parking ($)*	*$0*	*$0*
	Parking cash-out	*Employees eligible (%)*	*0%*	*0%*
	Price workplace parking	*Daily parking charge ($)*	*$0.00*	*$0.00*
		Employees subject to priced parking (%)	*0%*	*0%*
	Residential area parking permits	*Cost of annual permit ($)*	*$0*	*$0*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Transit	*Reduce transit headways*	*Reduction in headways (increase in frequency) (%)*	*0%*	*0%*
		Existing transit mode share (as a percent of total daily trips) (%)	*0%*	*0%*
		Lines within project site improved (<50%, >=50%)	*0*	*0*
	Implement neighborhood shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees and residents eligible (%)	*0%*	*0%*
	Transit subsidies	Employees and residents eligible (%)	*0%*	100%
		Amount of transit subsidy per passenger (daily equivalent) ($)	*$0.00*	$2.98
Education & Encouragement	*Voluntary travel behavior change program*	*Employees and residents participating (%)*	*0%*	*0%*
	Promotions and marketing	*Employees and residents participating (%)*	*0%*	*0%*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Commute Trip Reductions	*Required commute trip reduction program*	*Employees participating (%)*	*0%*	*0%*
	Alternative Work Schedules and Telecommute	*Employees participating (%)*	*0%*	*0%*
		Type of program	*0*	*0*
	Employer sponsored vanpool or shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees eligible (%)	*0%*	*0%*
		Employer size (small, medium, large)	*0*	*0*
	Ride-share program	Employees eligible (%)	*0%*	100%
Shared Mobility	*Car share*	*Car share project setting (Urban, Suburban, All Other)*	*0*	*0*
	Bike share	*Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)*	*0*	*0*
	School carpool program	*Level of implementation (Low, Medium, High)*	*0*	*0*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Bicycle Infrastructure	*Implement/Improve on-street bicycle facility*	*Provide bicycle facility along site (Yes/No)*	*0*	*0*
	Include Bike parking per LAMC	Meets City Bike Parking Code (Yes/No)	Yes	Yes
	Include secure bike parking and showers	*Includes indoor bike parking/lockers, showers, & repair station (Yes/No)*	*0*	*0*
Neighborhood Enhancement	*Traffic calming improvements*	*Streets with traffic calming improvements (%)*	*0%*	*0%*
		Intersections with traffic calming improvements (%)	*0%*	*0%*
	Pedestrian network improvements	*Included (within project and connecting off-site/within project only)*	*0*	*0*

TDM Adjustments by Trip Purpose & Strategy

Place type: Urban

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Parking	Reduce parking supply	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Parking sections 1 - 5
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Parking cash-out	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Price workplace parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Residential area parking permits	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Transit	Reduce transit headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Transit sections 1 - 3
	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Transit subsidies	0%	20%	0%	20%	0%	20%	0%	20%	0%	20%	0%	20%	
Education & Encouragement	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education & Encouragement sections 1 - 2
	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4
	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Ride-share program	0%	0%	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%	
Shared Mobility	Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Shared Mobility sections 1 - 3
	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Urban

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Bicycle Infrastructure sections 1 - 3
	Include Bike parking per LAMC	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
	Include secure bike parking and showers	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	
Neighborhood Enhancement	Traffic calming improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Neighborhood Enhancement sections 1 - 2
	Pedestrian network improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	

Final Combined & Maximum TDM Effect

	Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
COMBINED TOTAL	*1%*	*21%*	*1%*	*32%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*
MAX. TDM EFFECT	*1%*	*21%*	*1%*	*32%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*

= Minimum (X%, 1-[(1-A)*(1-B)…])

where X%=

PLACE TYPE MAX:	urban	75%
	compact infill	*40%*
	suburban center	*20%*
	suburban	*15%*

Note: (1-[(1-A)*(1-B)…]) reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B,…). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G)* for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: October 27, 2020
Project Name: Rise Kohyang Middle School
Project Scenario: Proposed Project
Project Address: 1700 W OLYMPIC BLVD, 90015

Version 1.3

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	0	0.0%	0	7.2	0	0
Home Based Other Production	0	0.0%	0	4.7	0	0
Non-Home Based Other Production	86	-7.0%	80	7.6	654	608
Home-Based Work Attraction	103	-34.0%	68	10.6	1,092	721
Home-Based Other Attraction	842	-50.2%	419	6.3	5,305	2,640
Non-Home Based Other Attraction	86	-7.0%	80	6.9	593	552

MXD Methodology with TDM Measures

	Proposed Project			*Project with Mitigation Measures*		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-0.6%	0	0	-20.5%	0	0
Home Based Other Production	-0.6%	0	0	-20.5%	0	0
Non-Home Based Other Production	-0.6%	79	604	-20.5%	64	483
Home-Based Work Attraction	-0.6%	68	716	-32.4%	46	487
Home-Based Other Attraction	-0.6%	416	2,624	-20.5%	333	2,099
Non-Home Based Other Attraction	-0.6%	80	549	-20.5%	64	439

MXD VMT Methodology Per Capita & Per Employee

Total Population: 0
Total Employees: 68
APC: Central

	Proposed Project	*Project with Mitigation Measures*
Total Home Based Production VMT	**0**	**0**
Total Home Based Work Attraction VMT	**716**	**487**
Total Home Based VMT Per Capita	**0.0**	**0.0**
Total Work Based VMT Per Employee	**10.6**	**7.2**

VMT Calculator User Agreement

The Los Angeles Department of Transportation (LADOT), in partnership with the Department of City Planning and Fehr & Peers, has developed the City of Los Angeles Vehicle Miles Traveled (VMT) Calculator to estimate project-specific daily household VMT per capita and daily work VMT per employee for land use development projects. This application, the VMT Calculator, has been provided to You, the User, to assess vehicle miles traveled (VMT) outcomes of land use projects within the City of Los Angeles. The term "City" as used below shall refer to the City of Los Angeles. The terms "City" and "Fehr & Peers" as used below shall include their respective affiliates, subconsultants, employees, and representatives.

The City is pleased to be able to provide this information to the public. The City believes that the public is most effectively served when they are provided access to the technical tools that inform the public review process of private and public land use investments. However, in using the VMT Calculator, You agree to be bound by this VMT Calculator User Agreement (this Agreement).

VMT Calculator Application for the City of Los Angeles. The City's consultant calibrated the VMT Calculator's parameters in 2018 to estimate travel patterns of locations in the City, and validated those outcomes against empirical data. However, this calibration process is limited to locations within the City, and practitioners applying the VMT Calculator outside of the City boundaries should not apply these estimates without further calibration and validation of travel patterns to verify the VMT Calculator's accuracy in estimating VMT in such other locations.

Limited License to Use. This Agreement gives You a limited, non-transferrable, non-assignable, and non-exclusive license to use and execute a copy of the VMT Calculator on a computer system owned, leased or otherwise controlled by You in Your own facilities, as set out below, provided You do not use the VMT Calculator in an unauthorized manner, and that You do not republish, copy, distribute, reverse-engineer, modify, decompile, disassemble, transfer, or sell any part of the VMT Calculator, and provided that You know and follow the terms of this Agreement. Your failure to follow the terms of this Agreement shall automatically terminate this license and Your right to use the VMT Calculator.

Ownership. You understand and acknowledge that the City owns the VMT Calculator, and shall continue to own it through Your use of it, and that no transfer of ownership of any kind is intended in allowing You to use the VMT Calculator.

Warranty Disclaimer. In spite of the efforts of the City and Fehr & Peers, some information on the VMT Calculator may not be accurate. The VMT Calculator, OUTPUTS AND ASSOCIATED DATA ARE PROVIDED "as is" WITHOUT WARRANTY OF ANY KIND, whether expressed, implied, statutory, or otherwise including but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Limitation of Liability. It is understood that the VMT Calculator is provided without charge. Neither the City nor Fehr & Peers can be responsible or liable for any information derived from its use, or for any delays, inaccuracies, incompleteness, errors or omissions arising out of your use of the VMT Calculator or with respect to the material contained in the VMT Calculator. You understand and agree that Your sole remedy against the City or Fehr & Peers for loss or damage caused by any defect or failure of the

VMT Calculator, regardless of the form of action, whether in contract, tort, including negligence, strict liability or otherwise, shall be the repair or replacement of the VMT Calculator to the extent feasible as determined solely by the City. In no event shall the City or Fehr & Peers be responsible to You or anyone else for, or have liability for any special, indirect, incidental or consequential damages (including, without limitation, damages for loss of business profits or changes to businesses costs) or lost data or downtime, however caused, and on any theory of liability from the use of, or the inability to use, the VMT Calculator, whether the data, and/or formulas contained in the VMT Calculator are provided by the City or Fehr & Peers, or another third party, even if the City or Fehr & Peers have been advised of the possibility of such damages.

This Agreement and License shall be governed by the laws of the State of California without regard to their conflicts of law provisions, and shall be effective as of the date set forth below and, unless terminated in accordance with the above or extended by written amendment to this Agreement, shall terminate on the earlier of the date that You are not making use of the VMT Calculator or one year after the beginning of Your use of the VMT Calculator.

By using the VMT Calculator, You hereby waive and release all claims, responsibilities, liabilities, actions, damages, costs, and losses, known and unknown, against the City and Fehr & Peers for Your use of the VMT Calculator.

Before making decisions using the information provided in this application, contact City LADOT staff to confirm the validity of the data provided.

Print and sign below, and submit to LADOT along with the transportation assessment Memorandum of Understanding (MOU).

You, the User	
By:	
Print Name:	Jason Shender
Title:	Transportation Planner II
Company:	Linscott, Law & Greenspan, Engineers
Address:	20931 Burbank Boulevard, Suite C Woodland Hills, CA 91367
Phone:	(818) 835-8648
Email Address:	jshender@llgengineers.com
Date:	10/28/2020

APPENDIX B

LADOT VMT CALCULATOR OUTPUT

CITY OF LOS ANGELES VMT CALCULATOR Version 1.3

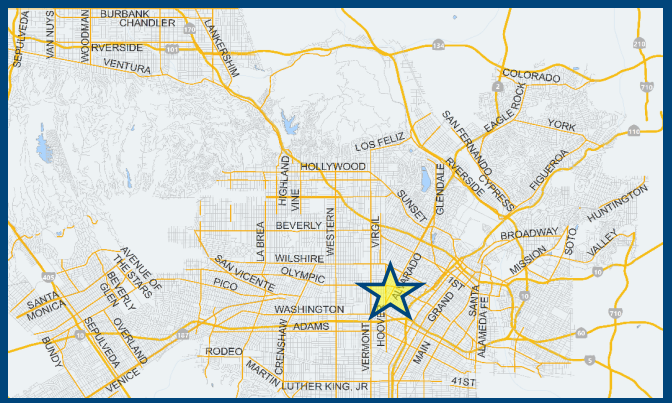
Project Screening Criteria: Is this project required to conduct a vehicle miles traveled analysis?

Project Information

Project: Rise Kohyang Middle School

Scenario: Proposed Project

Address: 1700 W OLYMPIC BLVD, 90015



Is the project replacing an existing number of residential units with a smaller number of residential units AND is located within one-half mile of a fixed-rail or fixed-guideway transit station?

○ Yes ◉ No

Existing Land Use

Land Use Type	Value	Unit
Office | General Office		ksf

☐ Click here to add a single custom land use type (will be included in the above list)

Proposed Project Land Use

Land Use Type	Value	Unit
School | Private School (K-12)	450	Students
School | Private School (K-12)	450	Students

☐ Click here to add a single custom land use type (will be included in the above list)

Project Screening Summary

Existing Land Use	Proposed Project
0 Daily Vehicle Trips	647 Daily Vehicle Trips
0 Daily VMT	4,521 Daily VMT

Tier 1 Screening Criteria

Project will have less residential units compared to existing residential units & is within one-half mile of a fixed-rail station.	☐

Tier 2 Screening Criteria

The net increase in daily trips < 250 trips	647 Net Daily Trips
The net increase in daily VMT ≤ 0	4,521 Net Daily VMT
The proposed project consists of only retail land uses ≤ 50,000 square feet total.	0.000 ksf

The proposed project is required to perform VMT analysis.

Measuring the Miles

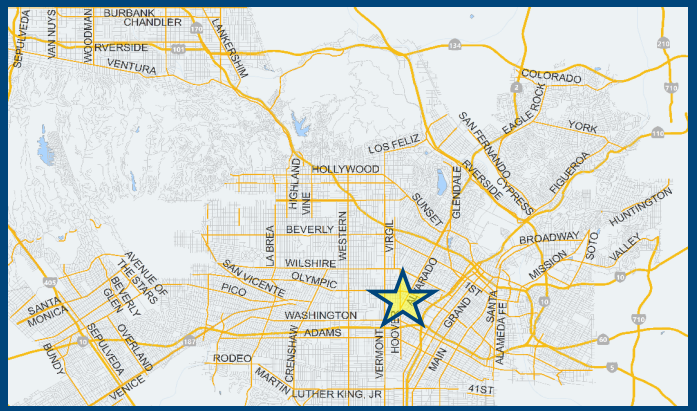
CITY OF LOS ANGELES VMT CALCULATOR Version 1.3

Project Information

Project: Rise Kohyang Middle School

Scenario: Proposed Project

Address: 1700 W OLYMPIC BLVD, 90015



Proposed Project Land Use Type	Value	Unit
School | Private School (K-12)	450	Students

TDM Strategies

Select each section to show individual strategies

Use ☑ to denote if the TDM strategy is part of the proposed project or is a mitigation strategy

	Proposed Project	With Mitigation
Max Home Based TDM Achieved?	**No**	**No**
Max Work Based TDM Achieved?	**No**	**No**

A Parking

Reduce Parking Supply
☐ Proposed Prj ☐ Mitigation
- 100 city code parking provision for the project site
- 74 actual parking provision for the project site

Unbundle Parking
☐ Proposed Prj ☐ Mitigation
- 175 monthly parking cost (dollar) for the project site

Parking Cash-Out
☐ Proposed Prj ☐ Mitigation
- 50 percent of employees eligible

Price Workplace Parking
☐ Proposed Prj ☐ Mitigation
- 6.00 daily parking charge (dollar)
- 50 percent of employees subject to priced parking

Residential Area Parking Permits
☐ Proposed Prj ☐ Mitigation
- 200 cost (dollar) of annual permit

B Transit

C Education & Encouragement

D Commute Trip Reductions

E Shared Mobility

F Bicycle Infrastructure

G Neighborhood Enhancement

Analysis Results

Proposed Project	With Mitigation
643 Daily Vehicle Trips	**507** Daily Vehicle Trips
4,493 Daily VMT	**3,508** Daily VMT
0.0 Household VMT per Capita	**0.0** Household VMT per Capita
10.6 Work VMT per Employee	**7.2** Work VMT per Employee

Significant VMT Impact?

Household: No Threshold = 6.0 15% Below APC	**Household: No** Threshold = 6.0 15% Below APC
Work: Yes Threshold = 7.6 15% Below APC	**Work: No** Threshold = 7.6 15% Below APC

Measuring the Miles

3/1/2021

CITY OF LOS ANGELES VMT CALCULATOR

Report 1: Project & Analysis Overview

Date: March 1, 2021
Project Name: Rise Kohyang Middle School
Project Scenario: Proposed Project
Project Address: 1700 W OLYMPIC BLVD, 90015

Version 1.3

Project Information

Land Use Type		Value	Units
Housing	Single Family	0	DU
	Multi Family	0	DU
	Townhouse	0	DU
	Hotel	0	Rooms
	Motel	0	Rooms
Affordable Housing	Family	0	DU
	Senior	0	DU
	Special Needs	0	DU
	Permanent Supportive	0	DU
Retail	General Retail	0.000	ksf
	Furniture Store	0.000	ksf
	Pharmacy/Drugstore	0.000	ksf
	Supermarket	0.000	ksf
	Bank	0.000	ksf
	Health Club	0.000	ksf
	High-Turnover Sit-Down Restaurant	0.000	ksf
	Fast-Food Restaurant	0.000	ksf
	Quality Restaurant	0.000	ksf
	Auto Repair	0.000	ksf
	Home Improvement	0.000	ksf
	Free-Standing Discount	0.000	ksf
	Movie Theater	0	Seats
Office	General Office	0.000	ksf
	Medical Office	0.000	ksf
Industrial	Light Industrial	0.000	ksf
	Manufacturing	0.000	ksf
	Warehousing/Self-Storage	0.000	ksf
School	University	0	Students
	High School	0	Students
	Middle School	0	Students
	Elementary	0	Students
	Private School (K-12)	450	Students
Other		0	Trips

Analysis Results

Total Employees: 68
Total Population: 0

Proposed Project		*With Mitigation*	
643	**Daily Vehicle Trips**	**507**	**Daily Vehicle Trips**
4,493	**Daily VMT**	**3,508**	**Daily VMT**
0	**Household VMT per Capita**	**0**	**Household VMT per Capita**
10.6	**Work VMT per Employee**	**7.2**	**Work VMT per Employee**

Significant VMT Impact?

APC: Central

Impact Threshold: 15% Below APC Average
Household = 6.0
Work = 7.6

Proposed Project		*With Mitigation*	
VMT Threshold	**Impact**	**VMT Threshold**	**Impact**
Household > 6.0	No	Household > 6.0	No
Work > 7.6	Yes	Work > 7.6	No

TDM Strategy Inputs

Strategy Type		Description	Proposed Project	Mitigations
Parking	*Reduce parking supply*	*City code parking provision (spaces)*	*0*	*0*
		Actual parking provision (spaces)	*0*	*0*
	Unbundle parking	*Monthly cost for parking ($)*	*$0*	*$0*
	Parking cash-out	*Employees eligible (%)*	*0%*	*0%*
	Price workplace parking	*Daily parking charge ($)*	*$0.00*	*$0.00*
		Employees subject to priced parking (%)	*0%*	*0%*
	Residential area parking permits	*Cost of annual permit ($)*	*$0*	*$0*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Transit	*Reduce transit headways*	*Reduction in headways (increase in frequency) (%)*	*0%*	*0%*
		Existing transit mode share (as a percent of total daily trips) (%)	*0%*	*0%*
		Lines within project site improved (<50%, >=50%)	*0*	*0*
	Implement neighborhood shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees and residents eligible (%)	*0%*	*0%*
	Transit subsidies	Employees and residents eligible (%)	*0%*	100%
		Amount of transit subsidy per passenger (daily equivalent) ($)	*$0.00*	$2.98
Education & Encouragement	*Voluntary travel behavior change program*	*Employees and residents participating (%)*	*0%*	*0%*
	Promotions and marketing	*Employees and residents participating (%)*	*0%*	*0%*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Commute Trip Reductions	*Required commute trip reduction program*	*Employees participating (%)*	*0%*	*0%*
	Alternative Work Schedules and Telecommute	*Employees participating (%)*	*0%*	*0%*
		Type of program	*0*	*0*
	Employer sponsored vanpool or shuttle	*Degree of implementation (low, medium, high)*	*0*	*0*
		Employees eligible (%)	*0%*	*0%*
		Employer size (small, medium, large)	*0*	*0*
	Ride-share program	Employees eligible (%)	*0%*	100%
Shared Mobility	*Car share*	*Car share project setting (Urban, Suburban, All Other)*	*0*	*0*
	Bike share	*Within 600 feet of existing bike share station - OR- implementing new bike share station (Yes/No)*	*0*	*0*
	School carpool program	*Level of implementation (Low, Medium, High)*	*0*	*0*

(cont. on following page)

TDM Strategy Inputs, Cont.

Strategy Type		Description	Proposed Project	Mitigations
Bicycle Infrastructure	*Implement/Improve on-street bicycle facility*	*Provide bicycle facility along site (Yes/No)*	*0*	*0*
	Include Bike parking per LAMC	Meets City Bike Parking Code (Yes/No)	Yes	Yes
	Include secure bike parking and showers	*Includes indoor bike parking/lockers, showers, & repair station (Yes/No)*	*0*	*0*
Neighborhood Enhancement	*Traffic calming improvements*	*Streets with traffic calming improvements (%)*	*0%*	*0%*
		Intersections with traffic calming improvements (%)	*0%*	*0%*
	Pedestrian network improvements	*Included (within project and connecting off-site/within project only)*	*0*	*0*

TDM Adjustments by Trip Purpose & Strategy

Place type: Urban

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Parking	Reduce parking supply	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Parking sections 1 - 5
	Unbundle parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Parking cash-out	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Price workplace parking	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Residential area parking permits	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Transit	Reduce transit headways	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Transit sections 1 - 3
	Implement neighborhood shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Transit subsidies	0%	20%	0%	20%	0%	20%	0%	20%	0%	20%	0%	20%	
Education & Encouragement	Voluntary travel behavior change program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Education & Encouragement sections 1 - 2
	Promotions and marketing	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Commute Trip Reductions	Required commute trip reduction program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	TDM Strategy Appendix, Commute Trip Reductions sections 1 - 4
	Alternative Work Schedules and Telecommute Program	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Employer sponsored vanpool or shuttle	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	Ride-share program	0%	0%	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%	
Shared Mobility	Car-share	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	TDM Strategy Appendix, Shared Mobility sections 1 - 3
	Bike share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
	School carpool program	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

TDM Adjustments by Trip Purpose & Strategy, Cont.

Place type: Urban

		Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*		*Source*
		Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	
Bicycle Infrastructure	Implement/ Improve on-street bicycle facility	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Bicycle Infrastructure sections 1 - 3
	Include Bike parking per LAMC	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	
	Include secure bike parking and showers	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	
Neighborhood Enhancement	Traffic calming improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	TDM Strategy Appendix, Neighborhood Enhancement sections 1 - 2
	Pedestrian network improvements	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	*0.0%*	

Final Combined & Maximum TDM Effect

	Home Based Work Production		*Home Based Work Attraction*		*Home Based Other Production*		*Home Based Other Attraction*		*Non-Home Based Other Production*		*Non-Home Based Other Attraction*	
	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated	Proposed	Mitigated
COMBINED TOTAL	*1%*	*21%*	*1%*	*32%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*
MAX. TDM EFFECT	*1%*	*21%*	*1%*	*32%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*	*1%*	*21%*

= Minimum (X%, 1-[(1-A)*(1-B)…])

where X%=

PLACE TYPE MAX:	urban	75%
	compact infill	*40%*
	suburban center	*20%*
	suburban	*15%*

Note: (1-[(1-A)*(1-B)…]) reflects the dampened combined effectiveness of TDM Strategies (e.g., A, B,…). See the TDM Strategy Appendix (*Transportation Assessment Guidelines Attachment G)* for further discussion of dampening.

CITY OF LOS ANGELES VMT CALCULATOR

Report 4: MXD Methodology

Date: March 1, 2021
Project Name: Rise Kohyang Middle School
Project Scenario: Proposed Project
Project Address: 1700 W OLYMPIC BLVD, 90015

Version 1.3

MXD Methodology - Project Without TDM

	Unadjusted Trips	MXD Adjustment	MXD Trips	Average Trip Length	Unadjusted VMT	MXD VMT
Home Based Work Production	0	0.0%	0	7.2	0	0
Home Based Other Production	0	0.0%	0	4.7	0	0
Non-Home Based Other Production	86	-7.0%	80	7.6	654	608
Home-Based Work Attraction	103	-34.0%	68	10.6	1,092	721
Home-Based Other Attraction	842	-50.2%	419	6.3	5,305	2,640
Non-Home Based Other Attraction	86	-7.0%	80	6.9	593	552

MXD Methodology with TDM Measures

	Proposed Project			*Project with Mitigation Measures*		
	TDM Adjustment	Project Trips	Project VMT	TDM Adjustment	Mitigated Trips	Mitigated VMT
Home Based Work Production	-0.6%	0	0	-20.5%	0	0
Home Based Other Production	-0.6%	0	0	-20.5%	0	0
Non-Home Based Other Production	-0.6%	79	604	-20.5%	64	483
Home-Based Work Attraction	-0.6%	68	716	-32.4%	46	487
Home-Based Other Attraction	-0.6%	416	2,624	-20.5%	333	2,099
Non-Home Based Other Attraction	-0.6%	80	549	-20.5%	64	439

MXD VMT Methodology Per Capita & Per Employee

Total Population: 0
Total Employees: 68
APC: Central

	Proposed Project	*Project with Mitigation Measures*
Total Home Based Production VMT	**0**	**0**
Total Home Based Work Attraction VMT	**716**	**487**
Total Home Based VMT Per Capita	**0.0**	**0.0**
Total Work Based VMT Per Employee	**10.6**	**7.2**

VMT Calculator User Agreement

The Los Angeles Department of Transportation (LADOT), in partnership with the Department of City Planning and Fehr & Peers, has developed the City of Los Angeles Vehicle Miles Traveled (VMT) Calculator to estimate project-specific daily household VMT per capita and daily work VMT per employee for land use development projects. This application, the VMT Calculator, has been provided to You, the User, to assess vehicle miles traveled (VMT) outcomes of land use projects within the City of Los Angeles. The term "City" as used below shall refer to the City of Los Angeles. The terms "City" and "Fehr & Peers" as used below shall include their respective affiliates, subconsultants, employees, and representatives.

The City is pleased to be able to provide this information to the public. The City believes that the public is most effectively served when they are provided access to the technical tools that inform the public review process of private and public land use investments. However, in using the VMT Calculator, You agree to be bound by this VMT Calculator User Agreement (this Agreement).

VMT Calculator Application for the City of Los Angeles. The City's consultant calibrated the VMT Calculator's parameters in 2018 to estimate travel patterns of locations in the City, and validated those outcomes against empirical data. However, this calibration process is limited to locations within the City, and practitioners applying the VMT Calculator outside of the City boundaries should not apply these estimates without further calibration and validation of travel patterns to verify the VMT Calculator's accuracy in estimating VMT in such other locations.

Limited License to Use. This Agreement gives You a limited, non-transferrable, non-assignable, and non-exclusive license to use and execute a copy of the VMT Calculator on a computer system owned, leased or otherwise controlled by You in Your own facilities, as set out below, provided You do not use the VMT Calculator in an unauthorized manner, and that You do not republish, copy, distribute, reverse-engineer, modify, decompile, disassemble, transfer, or sell any part of the VMT Calculator, and provided that You know and follow the terms of this Agreement. Your failure to follow the terms of this Agreement shall automatically terminate this license and Your right to use the VMT Calculator.

Ownership. You understand and acknowledge that the City owns the VMT Calculator, and shall continue to own it through Your use of it, and that no transfer of ownership of any kind is intended in allowing You to use the VMT Calculator.

Warranty Disclaimer. In spite of the efforts of the City and Fehr & Peers, some information on the VMT Calculator may not be accurate. The VMT Calculator, OUTPUTS AND ASSOCIATED DATA ARE PROVIDED "as is" WITHOUT WARRANTY OF ANY KIND, whether expressed, implied, statutory, or otherwise including but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Limitation of Liability. It is understood that the VMT Calculator is provided without charge. Neither the City nor Fehr & Peers can be responsible or liable for any information derived from its use, or for any delays, inaccuracies, incompleteness, errors or omissions arising out of your use of the VMT Calculator or with respect to the material contained in the VMT Calculator. You understand and agree that Your sole remedy against the City or Fehr & Peers for loss or damage caused by any defect or failure of the

VMT Calculator, regardless of the form of action, whether in contract, tort, including negligence, strict liability or otherwise, shall be the repair or replacement of the VMT Calculator to the extent feasible as determined solely by the City. In no event shall the City or Fehr & Peers be responsible to You or anyone else for, or have liability for any special, indirect, incidental or consequential damages (including, without limitation, damages for loss of business profits or changes to businesses costs) or lost data or downtime, however caused, and on any theory of liability from the use of, or the inability to use, the VMT Calculator, whether the data, and/or formulas contained in the VMT Calculator are provided by the City or Fehr & Peers, or another third party, even if the City or Fehr & Peers have been advised of the possibility of such damages.

This Agreement and License shall be governed by the laws of the State of California without regard to their conflicts of law provisions, and shall be effective as of the date set forth below and, unless terminated in accordance with the above or extended by written amendment to this Agreement, shall terminate on the earlier of the date that You are not making use of the VMT Calculator or one year after the beginning of Your use of the VMT Calculator.

By using the VMT Calculator, You hereby waive and release all claims, responsibilities, liabilities, actions, damages, costs, and losses, known and unknown, against the City and Fehr & Peers for Your use of the VMT Calculator.

Before making decisions using the information provided in this application, contact City LADOT staff to confirm the validity of the data provided.

Print and sign below, and submit to LADOT along with the transportation assessment Memorandum of Understanding (MOU).

You, the User	
By:	
Print Name:	Jason Shender
Title:	Transportation Planner III
Company:	Linscott, Law & Greenspan, Engineers
Address:	20931 Burbank Boulevard, Suite C Woodland Hills, CA 91367
Phone:	(818) 835-8648
Email Address:	jshender@llgengineers.com
Date:	3/1/2021

APPENDIX C

MANUAL TRAFFIC COUNT DATA

City Of Los Angeles
Department Of Transportation

MANUAL TRAFFIC COUNT SUMMARY

STREET:
North/South Burlington Ave

East/West Olympic Blvd

Day: Tuesday Date: December 8, 2015 Weather: SUNNY

Hours: 7-10 & 3-6 Chekrs: NDS

School Day: YES District: I/S CODE

	N/B	S/B	E/B	W/B
DUAL-WHEELED	24	18	91	73
BIKES	15	17	73	64
BUSES	0	0	70	61

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	97	7.30	42	8.00	471	7.45	275	7.30
PM PK 15 MIN	105	17.45	70	17.15	372	17.15	376	17.15
AM PK HOUR	302	7.15	139	7.15	1773	7.45	1061	7.30
PM PK HOUR	360	17.00	261	16.45	1360	16.30	1357	17.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	46	182	68	296
8-9	43	100	43	186
9-10	29	48	36	113
15-16	35	88	47	170
16-17	46	139	45	230
17-18	71	246	43	360
TOTAL	270	803	282	1355

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	27	65	28	120
8-9	20	53	39	112
9-10	19	34	30	83
15-16	36	73	52	161
16-17	47	107	51	205
17-18	48	139	61	248
TOTAL	197	471	261	929

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
416	53	22	68	0
298	57	4	59	0
196	57	2	38	0
331	95	5	62	13
435	88	1	44	8
608	58	0	50	15
2284	408	34	321	36

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	52	1352	20	1424
8-9	41	1630	35	1706
9-10	29	1210	31	1270
15-16	42	1116	29	1187
16-17	35	1254	30	1319
17-18	51	1279	27	1357
TOTAL	250	7841	172	8263

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	28	935	33	996
8-9	40	972	21	1033
9-10	30	867	18	915
15-16	31	911	21	963
16-17	25	1073	30	1128
17-18	26	1286	45	1357
TOTAL	180	6044	168	6392

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
2420	43	9	38	12
2739	33	3	33	1
2185	30	1	28	2
2150	33	18	52	3
2447	46	5	60	3
2714	22	2	48	2
14655	207	38	259	23

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Burlington Ave and Olympic Blvd , Los Angeles

Date:	12/8/2015
Day:	Tuesday

Project #:	15-5811-005
City:	Los Angeles

AM Peak Hour	730 AM
NOON Peak Hour	
PM Peak Hour	500 PM

Total Peak Hour Summary

Southbound Approach (Burlington Ave)

Lanes	0	1	0		
AM	40	65	32	248	AM
NOON	0	0	0	0	NOON
PM	61	139	48	342	PM

Eastbound Approach (Olympic Blvd)

Lanes	AM	NOON	PM
	1074	0	1418
1	49	0	51
3	1659	0	1279
0	34	0	27

Westbound Approach

Lanes	AM	NOON	PM
0	28	0	45
3	992	0	1286
1	41	0	26
	1758	0	1370

Northbound Approach

AM	140	42	171	67	AM
NOON	0	0	0	0	NOON
PM	192	71	246	43	PM
		0	1	0	Lanes

CONTROL

Signalized

Count Periods	Start	End
AM	7:00 AM	10:00 AM
NOON	NONE	NONE
PM	3:00 PM	6:00 PM

Total Ins & Outs

North Leg		
137	248	AM
0	0	NOON
248	342	PM

West Leg			East Leg		
AM	NOON	PM			
1074	0	1418	1061	0	1357
1742	0	1357	1758	0	1370
			AM	NOON	PM

South Leg		
140	280	AM
0	0	NOON
192	360	PM

Total Volume Per Leg

North Leg		
385		AM
0		NOON
590		PM

West Leg			East Leg		
AM	NOON	PM			
2816	0	2775	2819	0	2727
			AM	NOON	PM

South Leg		
420		AM
0		NOON
552		PM

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 15-5811-005

Day: Tuesday

City: Los Angeles

Date: 12/8/2015

TOTALS

AM

NS/EW Streets:	Burlington Ave			Burlington Ave			Olympic Blvd			Olympic Blvd			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	1	0	0	1	0	1	3	0	1	3	0	
7:00 AM	13	23	7	3	14	6	13	243	4	9	216	6	557
7:15 AM	10	48	18	4	18	5	11	279	6	4	214	12	629
7:30 AM	16	56	25	6	18	10	11	380	6	7	260	8	803
7:45 AM	7	55	18	14	15	7	17	450	4	8	245	7	847
8:00 AM	9	26	14	6	20	16	9	400	13	15	248	8	784
8:15 AM	10	34	10	6	12	7	12	429	11	11	239	5	786
8:30 AM	11	16	10	5	12	6	10	412	6	5	267	1	761
8:45 AM	13	24	9	3	9	10	10	389	5	9	218	7	706
9:00 AM	6	21	17	7	9	7	4	340	9	13	226	5	664
9:15 AM	10	9	6	2	10	6	10	304	12	2	177	3	551
9:30 AM	10	8	6	8	5	8	8	283	2	8	241	3	590
9:45 AM	3	10	7	2	10	9	7	283	8	7	223	7	576
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	118	330	147	66	152	97	122	4192	86	98	2774	72	8254
APPROACH %'s :	19.83%	55.46%	24.71%	20.95%	48.25%	30.79%	2.77%	95.27%	1.95%	3.33%	94.23%	2.45%	
PEAK HR START TIME :	730 AM												TOTAL
PEAK HR VOL :	42	171	67	32	65	40	49	1659	34	41	992	28	3220
PEAK HR FACTOR :		0.722			0.815			0.925			0.965		0.950

CONTROL : Signalized

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 15-5811-005

Day: Tuesday

City: Los Angeles

Date: 12/8/2015

TOTALS

PM

NS/EW Streets:	Burlington Ave			Burlington Ave			Olympic Blvd			Olympic Blvd			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	0	1	0	0	1	0	1	3	0	1	3	0	
3:00 PM	6	15	14	7	15	17	12	267	6	6	199	4	568
3:15 PM	9	22	8	9	25	14	9	261	5	10	244	9	625
3:30 PM	14	16	14	11	15	9	14	270	11	4	221	3	602
3:45 PM	6	35	11	9	18	12	7	318	7	11	247	5	686
4:00 PM	13	20	7	7	22	12	14	315	9	7	220	5	651
4:15 PM	9	34	11	13	22	9	10	325	8	3	266	7	717
4:30 PM	14	30	16	19	30	12	4	310	7	7	283	7	739
4:45 PM	10	55	11	8	33	18	7	304	6	8	304	11	775
5:00 PM	20	45	8	15	39	15	10	337	3	3	276	4	775
5:15 PM	15	58	11	16	39	15	14	352	6	8	355	13	902
5:30 PM	18	70	10	6	40	17	12	287	11	8	327	15	821
5:45 PM	18	73	14	11	21	14	15	303	7	7	328	13	824
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	152	473	135	131	319	164	128	3649	86	82	3270	96	8685
APPROACH %'s :	20.00%	62.24%	17.76%	21.34%	51.95%	26.71%	3.31%	94.46%	2.23%	2.38%	94.84%	2.78%	
PEAK HR START TIME :	500 PM												TOTAL
PEAK HR VOL :	71	246	43	48	139	61	51	1279	27	26	1286	45	3322
PEAK HR FACTOR :		0.857			0.886			0.912			0.902		0.921

CONTROL : Signalized

Prepared by NDS/ATD

VOLUME

Beacon Ave N/o Olympic Blvd

Day: Thursday
Date: 5/30/2013

City: Los Angeles
Project #: CA13_5289_001

DAILY TOTALS	NB	SB	EB	WB	Total
	1,627	1,008	0	0	2,635

AM Period	NB		SB		EB		WB		TOTAL		PM Period	NB		SB		EB		WB		TOTAL	
00:00	4		3						7		12:00	24		17						41	
00:15	5		1						6		12:15	27		11						38	
00:30	0		2						2		12:30	20		16						36	
00:45	7	16	5	11					12	27	12:45	23	94	16	60					39	154
01:00	4		3						7		13:00	25		13						38	
01:15	1		3						4		13:15	28		12						40	
01:30	3		2						5		13:30	36		14						50	
01:45	2	10	3	11					5	21	13:45	27	116	17	56					44	172
02:00	1		2						3		14:00	27		17						44	
02:15	0		3						3		14:15	35		16						51	
02:30	3		1						4		14:30	29		19						48	
02:45	2	6	1	7					3	13	14:45	22	113	22	74					44	187
03:00	1		2						3		15:00	23		23						46	
03:15	0		2						2		15:15	27		13						40	
03:30	2		3						5		15:30	32		13						45	
03:45	4	7	1	8					5	15	15:45	28	110	17	66					45	176
04:00	3		2						5		16:00	21		22						43	
04:15	5		2						7		16:15	21		17						38	
04:30	3		3						6		16:30	30		14						44	
04:45	2	13	2	9					4	22	16:45	41	113	13	66					54	179
05:00	3		5						8		17:00	35		24						59	
05:15	6		8						14		17:15	33		16						49	
05:30	5		7						12		17:30	35		16						51	
05:45	6	20	7	27					13	47	17:45	36	139	8	64					44	203
06:00	3		7						10		18:00	40		14						54	
06:15	9		6						15		18:15	37		12						49	
06:30	4		12						16		18:30	25		13						38	
06:45	7	23	14	39					21	62	18:45	28	130	9	48					37	178
07:00	11		9						20		19:00	27		8						35	
07:15	16		14						30		19:15	33		9						42	
07:30	21		16						37		19:30	22		13						35	
07:45	33	81	14	53					47	134	19:45	21	103	9	39					30	142
08:00	33		19						52		20:00	32		12						44	
08:15	23		17						40		20:15	16		6						22	
08:30	20		12						32		20:30	17		8						25	
08:45	18	94	13	61					31	155	20:45	18	83	9	35					27	118
09:00	17		13						30		21:00	20		16						36	
09:15	17		20						37		21:15	13		11						24	
09:30	22		16						38		21:30	12		4						16	
09:45	20	76	23	72					43	148	21:45	4	49	8	39					12	88
10:00	21		21						42		22:00	9		7						16	
10:15	19		19						38		22:15	7		7						14	
10:30	27		13						40		22:30	3		5						8	
10:45	27	94	11	64					38	158	22:45	3	22	7	26					10	48
11:00	17		12						29		23:00	5		4						9	
11:15	25		17						42		23:15	4		5						9	
11:30	36		20						56		23:30	6		3						9	
11:45	18	96	11	60					29	156	23:45	4	19	1	13					5	32
TOTALS		536		422						958	TOTALS		1091		586						1677
SPLIT %		55.9%		44.1%						36.4%	SPLIT %		65.1%		34.9%						63.6%

DAILY TOTALS	NB	SB	EB	WB	Total
	1,627	1,008	0	0	2,635

AM Peak Hour	07:30	09:15			07:30	PM Peak Hour	17:30	14:15			16:45
AM Pk Volume	110	80			176	PM Pk Volume	148	80			213
Pk Hr Factor	0.833	0.870			0.846	Pk Hr Factor	0.925	0.870			0.903
7 - 9 Volume	175	114	0	0	289	4 - 6 Volume	252	130	0	0	382
7 - 9 Peak Hour	07:30	07:30			07:30	4 - 6 Peak Hour	16:45	16:45			16:45
7 - 9 Pk Volume	110	66	0	0	176	4 - 6 Pk Volume	144	69	0	0	213
Pk Hr Factor	0.833	0.868	0.000	0.000	0.846	Pk Hr Factor	0.878	0.719	0.000	0.000	0.903

Prepared by NDS/ATD

VOLUME

Beacon Ave s/o Olympic Blvd

Day: Thursday
Date: 5/30/2013

City: Los Angeles
Project #: CA13_5289_002

DAILY TOTALS	NB	SB	EB	WB	Total
	327	425	0	0	752

AM Period	NB		SB		EB		WB		TOTAL		PM Period	NB		SB		EB		WB		TOTAL	
00:00	1		2						3		12:00	5		12						17	
00:15	2		1						3		12:15	8		6						14	
00:30	1		1						2		12:30	7		7						14	
00:45	3	7	0	4					3	11	12:45	2	22	2	27					4	49
01:00	1		1						2		13:00	3		5						8	
01:15	0		1						1		13:15	6		6						12	
01:30	1		1						2		13:30	5		5						10	
01:45	0	2	0	3					0	5	13:45	4	18	10	26					14	44
02:00	0		0						0		14:00	3		7						10	
02:15	0		1						1		14:15	4		1						5	
02:30	1		1						2		14:30	5		9						14	
02:45	0	1	0	2					0	3	14:45	9	21	5	22					14	43
03:00	0		0						0		15:00	4		7						11	
03:15	0		0						0		15:15	1		5						6	
03:30	1		2						3		15:30	4		4						8	
03:45	4	5	1	3					5	8	15:45	3	12	7	23					10	35
04:00	1		0						1		16:00	3		8						11	
04:15	0		2						2		16:15	3		7						10	
04:30	0		0						0		16:30	2		4						6	
04:45	1	2	0	2					1	4	16:45	10	18	3	22					13	40
05:00	0		3						3		17:00	7		14						21	
05:15	0		6						6		17:15	5		9						14	
05:30	1		6						7		17:30	5		9						14	
05:45	5	6	5	20					10	26	17:45	8	25	8	40					16	65
06:00	4		1						5		18:00	4		13						17	
06:15	3		4						7		18:15	7		7						14	
06:30	3		2						5		18:30	4		7						11	
06:45	4	14	5	12					9	26	18:45	5	20	4	31					9	51
07:00	7		6						13		19:00	8		7						15	
07:15	6		1						7		19:15	7		1						8	
07:30	5		4						9		19:30	4		4						8	
07:45	9	27	4	15					13	42	19:45	4	23	3	15					7	38
08:00	10		8						18		20:00	4		7						11	
08:15	2		9						11		20:15	1		6						7	
08:30	2		4						6		20:30	4		1						5	
08:45	5	19	3	24					8	43	20:45	2	11	1	15					3	26
09:00	3		5						8		21:00	2		5						7	
09:15	2		7						9		21:15	3		4						7	
09:30	3		9						12		21:30	4		3						7	
09:45	4	12	6	27					10	39	21:45	3	12	8	20					11	32
10:00	5		10						15		22:00	2		2						4	
10:15	5		8						13		22:15	5		1						6	
10:30	5		4						9		22:30	1		4						5	
10:45	4	19	6	28					10	47	22:45	1	9	4	11					5	20
11:00	4		3						7		23:00	1		1						2	
11:15	4		6						10		23:15	2		3						5	
11:30	4		9						13		23:30	0		1						1	
11:45	6	18	6	24					12	42	23:45	1	4	4	9					5	13
TOTALS		132		164						296	TOTALS		195		261						456
SPLIT %		44.6%		55.4%						39.4%	SPLIT %		42.8%		57.2%						60.6%

DAILY TOTALS	NB	SB	EB	WB	Total
	327	425	0	0	752

AM Peak Hour	07:15	09:30			11:45	PM Peak Hour	16:45	17:00			17:00
AM Pk Volume	30	33			57	PM Pk Volume	27	40			65
Pk Hr Factor	0.750	0.825			0.838	Pk Hr Factor	0.675	0.714			0.774
7 - 9 Volume	46	39	0	0	85	4 - 6 Volume	43	62	0	0	105
7 - 9 Peak Hour	07:15	07:30			07:30	4 - 6 Peak Hour	16:45	17:00			17:00
7 - 9 Pk Volume	30	25	0	0	51	4 - 6 Pk Volume	27	40	0	0	65
Pk Hr Factor	0.750	0.694	0.000	0.000	0.708	Pk Hr Factor	0.675	0.714	0.000	0.000	0.774

City Of Los Angeles
Department Of Transportation

MANUAL TRAFFIC COUNT SUMMARY

STREET:
North/South Union Ave

East/West 11th St

Day: Tuesday Date: December 8, 2015 Weather: SUNNY

Hours: 7-10 & 3-6 Chekrs: NDS

School Day: YES District: I/S CODE

	N/B	S/B	E/B	W/B
DUAL-WHEELED	53	51	24	17
BIKES	47	67	22	11
BUSES	32	30	1	0

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	174	8.00	133	8.00	65	8.15	58	7.45
PM PK 15 MIN	193	16.30	207	17.30	65	17.00	70	17.45
AM PK HOUR	668	7.15	469	7.45	217	7.30	172	7.30
PM PK HOUR	699	16.15	784	16.45	257	16.45	212	17.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	43	563	28	634
8-9	52	555	40	647
9-10	38	524	46	608
15-16	45	509	41	595
16-17	63	567	44	674
17-18	58	570	24	652
TOTAL	299	3288	223	3810

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	67	327	26	420
8-9	73	347	24	444
9-10	72	264	20	356
15-16	120	453	18	591
16-17	160	528	29	717
17-18	135	593	29	757
TOTAL	627	2512	146	3285

TOTAL	**XING S/L**		**XING N/L**	
N-S	Ped	Sch	Ped	Sch
1054	49	37	84	88
1091	41	2	40	6
964	15	0	13	1
1186	24	13	17	2
1391	40	22	32	9
1409	69	48	54	13
7095	238	122	240	119

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	11	130	32	173
8-9	13	167	26	206
9-10	9	117	19	145
15-16	3	131	36	170
16-17	14	151	44	209
17-18	10	189	49	248
TOTAL	60	885	206	1151

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	32	74	44	150
8-9	13	77	41	131
9-10	15	67	53	135
15-16	23	66	39	128
16-17	12	101	52	165
17-18	21	138	53	212
TOTAL	116	523	282	921

TOTAL	**XING W/L**		**XING E/L**	
E-W	Ped	Sch	Ped	Sch
323	104	96	89	54
337	47	6	56	2
280	18	0	33	1
298	51	15	40	5
374	71	21	69	21
460	90	18	107	11
2072	381	156	394	94

ITM Peak Hour Summary

Prepared by:

National Data & Surveying Services

Union Ave and 11th St , Los Angeles

Date: 12/8/2015

Day: Tuesday

Project #: 15-5811-008

City: Los Angeles

AM Peak Hour	730 AM
NOON Peak Hour	
PM Peak Hour	445 PM

Total Peak Hour Summary

Southbound Approach (Union Ave)

Lanes	1	1	1		
AM	30	372	66	629	AM
NOON	0	0	0	0	NOON
PM	26	609	149	631	PM

Eastbound Approach (11th St)

	AM	NOON	PM
	172	0	209
0	12	0	14
1	173	0	192
0	32	0	51
Lanes	AM	NOON	PM

Westbound Approach

	AM	NOON	PM	Lanes
	46	0	46	1
	96	0	122	1
	30	0	16	0
	267	0	372	
	AM	NOON	PM	

Northbound Approach

AM	434	46	571	28	AM
NOON	0	0	0	0	NOON
PM	676	61	571	31	PM
		1	1	1	Lanes

CONTROL

Signalized

Count Periods	Start	End
AM	7:00 AM	10:00 AM
NOON	NONE	NONE
PM	3:00 PM	6:00 PM

Total Ins & Outs

	North Leg		
	468	629	AM
	0	0	NOON
	784	631	PM

West Leg AM	West Leg NOON	West Leg PM		East Leg AM	East Leg NOON	East Leg PM
172	0	209		172	0	184
217	0	257		267	0	372

	South Leg	
AM	434	645
NOON	0	0
PM	676	663

Total Volume Per Leg

	North Leg
AM	1097
NOON	0
PM	1415

West Leg AM	West Leg NOON	West Leg PM		East Leg AM	East Leg NOON	East Leg PM
389	0	466		439	0	556

	South Leg
AM	1079
NOON	0
PM	1339

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 15-5811-008

Day: Tuesday

City: Los Angeles

Date: 12/8/2015

TOTALS

AM

NS/EW Streets:	Union Ave			Union Ave			11th St			11th St			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	1	1	1	1	1	0	1	0	0	1	1	
7:00 AM	9	122	9	10	80	5	3	23	8	3	11	10	293
7:15 AM	16	147	9	24	66	7	4	28	5	7	11	8	332
7:30 AM	10	151	6	18	81	5	2	33	9	13	22	7	357
7:45 AM	8	143	4	15	100	9	2	46	10	9	30	19	395
8:00 AM	16	149	9	19	105	9	4	38	8	6	22	13	398
8:15 AM	12	128	9	14	86	7	4	56	5	2	22	7	352
8:30 AM	11	137	13	21	81	3	4	34	5	1	17	9	336
8:45 AM	13	141	9	19	75	5	1	39	8	4	16	12	342
9:00 AM	18	140	16	14	78	6	3	37	2	3	13	10	340
9:15 AM	11	122	9	27	60	6	2	26	6	5	19	14	307
9:30 AM	3	128	7	15	59	3	1	29	5	5	17	17	289
9:45 AM	6	134	14	16	67	5	3	25	6	2	18	12	308
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	133	1642	114	212	938	70	33	414	77	60	218	138	4049
APPROACH %'s :	7.04%	86.92%	6.03%	17.38%	76.89%	5.74%	6.30%	79.01%	14.69%	14.42%	52.40%	33.17%	
PEAK HR START TIME :	730 AM												TOTAL
PEAK HR VOL :	46	571	28	66	372	30	12	173	32	30	96	46	1502
PEAK HR FACTOR :		0.927			0.880			0.835			0.741		0.943

CONTROL : Signalized

Intersection Turning Movement

Prepared by:

National Data & Surveying Services

Project ID: 15-5811-008

Day: Tuesday

TOTALS

City: Los Angeles

Date: 12/8/2015

PM

NS/EW Streets:	Union Ave			Union Ave			11th St			11th St			
	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
LANES:	1	1	1	1	1	1	0	1	0	0	1	1	
3:00 PM	8	119	4	36	121	4	1	37	9	5	15	12	371
3:15 PM	10	114	13	30	110	6	0	27	8	3	15	5	341
3:30 PM	13	139	13	31	105	7	1	38	8	6	19	12	392
3:45 PM	14	137	11	23	117	1	1	29	11	9	17	10	380
4:00 PM	10	124	10	37	126	10	2	38	9	2	20	19	407
4:15 PM	21	142	10	37	127	10	4	21	10	3	27	12	424
4:30 PM	15	166	12	42	126	3	3	45	13	4	26	10	465
4:45 PM	17	135	12	44	149	6	5	47	12	3	28	11	469
5:00 PM	14	149	6	34	151	10	4	48	13	6	25	7	467
5:15 PM	12	139	6	32	143	8	0	50	15	4	37	12	458
5:30 PM	18	148	7	39	166	2	5	47	11	3	32	16	494
5:45 PM	14	134	5	30	133	9	1	44	10	8	44	18	450
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
TOTAL VOLUMES :	166	1646	109	415	1574	76	27	471	129	56	305	144	5118
APPROACH %'s :	8.64%	85.68%	5.67%	20.10%	76.22%	3.68%	4.31%	75.12%	20.57%	11.09%	60.40%	28.51%	
PEAK HR START TIME :	445 PM												TOTAL
PEAK HR VOL :	61	571	31	149	609	26	14	192	51	16	122	46	1888
PEAK HR FACTOR :		0.958			0.947			0.988			0.868		0.955

CONTROL : Signalized

APPENDIX D

DETAILED PLANS, PROGRAMS, ORDINANCES, AND POLICIES REVIEW

Plans, Policies and Programs Consistency Worksheet

The worksheet provides a structured approach to evaluate the threshold T-1 question below, that asks whether a project conflicts with a program, plan, ordinance or policy addressing the circulation system. The intention of the worksheet is to streamline the project review by highlighting the most relevant plans, policies and programs when assessing potential impacts to the City's circulation system.

> Threshold T-1: Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadways, bicycle, and pedestrian facilities?

This worksheet does not include an exhaustive list of City policies, and does not include community plans, specific plans, or any area-specific regulatory overlays. The Department of City Planning project planner will need to be consulted to determine if the project would obstruct the City from carrying out a policy or program in a community plan, specific plan, streetscape plan, or regulatory overlay that was adopted to support multimodal transportation options or public safety. LADOT staff should be consulted if a project would lead to a conflict with a mobility investment in the Public Right of Way (PROW) that is currently undergoing planning, design, or delivery. This worksheet must be completed for all projects that meet the Section I. Screening Criteria. For description of the relevant planning documents, **see Attachment D.1.**

For any response to the following questions that checks the box in bold text ((i.e. ☐ Yes or ☐ No), further analysis is needed to demonstrate that the project does not conflict with a plan, policy, or program.

I. SCREENING CRITERIA FOR POLICY ANALYSIS

If the answer is 'yes' to any of the following questions, further analysis will be required:

Does the project require a discretionary action that requires the decision maker to find that the project would substantially conform to the purpose, intent and provisions of the General Plan?

☒ Yes ☐ No

Is the project known to directly conflict with a transportation plan, policy, or program adopted to support multimodal transportation options or public safety?

☐ Yes ☒ No

Is the project required to or proposing to make any voluntary modifications to the public right-of-way (i.e., dedications and/or improvements in the right-of-way, reconfigurations of curb line, etc.)?

☒ Yes ☐ No

II. PLAN CONSISTENCY ANALYSIS

A. Mobility Plan 2035 PROW Classification Standards for Dedications and Improvements

These questions address potential conflict with:

Mobility Plan 2035 Policy 2.1 *– Adaptive Reuse of Streets. Design, plan, and operate streets to serve multiple purposes and provide flexibility in design to adapt to future demands.*

Mobility Plan 2035 Policy 2.3 *– Pedestrian Infrastructure. Recognize walking as a component of every trip, and ensure high quality pedestrian access in all site planning and public right-of-way modifications to provide a safe and comfortable walking environment.*

Mobility Plan 2035 Policy 3.2 – *People with Disabilities. Accommodate the needs of people with disabilities when modifying or installing infrastructure in the public right-of-way.*

Mobility Plan 2035 Street Designations and Standard Roadway Dimensions

A.1 Does the project include additions or new construction along a street designated as a Boulevard I, and II, and/or Avenue I, II, or III on property zoned for R3 or less restrictive zone? [x] Yes [ ] No

A.2 If **A.1 is yes**, is the project required to make additional dedications or improvements to the Public Right of Way as demonstrated by the street designation. [x] Yes [ ] No [ ] N/A

A.3 If **A.2 is yes**, is the project making the dedications and improvements as necessary to meet the designated dimensions of the fronting street (Boulevard I, and II, or Avenue I, II, or III)?

[x] Yes [ ] No [ ] N/A

If the answer is to **A.1 or A.2 is NO, or to A.1, A.2 and A.3. is YES**, then the project does not conflict with the dedication and improvement requirements that are needed to comply with the Mobility Plan 2035 Street Designations and Standard Roadway Dimensions.

A.4 If the answer to **A.3. is NO**, is the project applicant asking to waive from the dedication standards?
[ ] **Yes** [ ] **No** [x] N/A

Lists any streets subject to dedications or voluntary dedications and include existing roadway and sidewalk widths, required roadway and sidewalk widths, and proposed roadway and sidewalk width or waivers.

Frontage 1 Existing PROW'/Curb' : Existing 50'/35' Required 52'/37' Proposed 52'/37'
Olympic Boulevard: Boulevard II

Frontage 2 Existing PROW'/Curb' : Existing 7.6' / N/A Required 10' / N/A Proposed 10' / N/A
Alley

Frontage 3 Existing PROW'/Curb' : Existing _____ Required _____ Proposed _____

Frontage 4 Existing PROW'/Curb' : Existing _____ Required _____ Proposed _____

If the answer to **A.4 is NO**, the project is inconsistent with Mobility Plan 2035 street designations and must file for a waiver of street dedication and improvement.

If the answer to **A.4 is YES**, additional analysis is necessary to determine if the dedication and/or improvements are necessary to meet the City's mobility needs for the next 20 years. The following factors may contribute to determine if the dedication or improvement is necessary:

Is the project site along any of the following networks identified in the City's Mobility Plan?

- Transit Enhanced Network
- Bicycle Enhanced Network
- Bicycle Lane Network
- Pedestrian Enhanced District
- Neighborhood Enhanced Network

To see the location of the above networks, see **Transportation Assessment Support Map**.[1]

Is the project within the service area of Metro Bike Share, or is there demonstrated demand for micro-mobility services?

If the project dedications and improvements asking to be waived are necessary to meet the City's mobility needs, the project may be found to conflict with a plan that is adopted to protect the environment.

B. Mobility Plan 2035 PROW Policy Alignment with Project-Initiated Changes

B.1 Project-Initiated Changes to the PROW Dimensions

These questions address potential conflict with:

Mobility Plan 2035 Policy 2.1 *– Adaptive Reuse of Streets. Design, plan, and operate streets to serve multiple purposes and provide flexibility in design to adapt to future demands.*

Mobility Plan 2035 Policy 2.3 *– Pedestrian Infrastructure. Recognize walking as a component of every trip, and ensure high quality pedestrian access in all site planning and public right-of-way modifications to provide a safe and comfortable walking environment.*

Mobility Plan 2035 Policy 3.2 – *People with Disabilities. Accommodate the needs of people with disabilities when modifying or installing infrastructure in the public right-of-way.*

Mobility Plan 2035 Policy 2.10 *– Loading Areas. Facilitate the provision of adequate on and off-site street loading areas.*

Mobility Plan 2035 Street Designations and Standard Roadway Dimensions

[1] LADOT Transportation Assessment Support Map https://arcg.is/fubbD

B.1 Does the project physically modify the curb placement or turning radius and/or physically alter the sidewalk and parkways space that changes how people access a property?

Examples of physical changes to the public right-of-way include:

- widening the roadway,
- narrowing the sidewalk,
- adding space for vehicle turn outs or loading areas,
- removing bicycle lanes, bike share stations, or bicycle parking
- modifying existing bus stop, transit shelter, or other street furniture
- paving, narrowing, shifting or removing an existing parkway or tree well

☐ **Yes** ☒ No

B.2 Driveway Access

These questions address potential conflict with:

Mobility Plan 2035 Policy 2.10 *– Loading Areas. Facilitate the provision of adequate on and off-site street loading areas.*

Mobility Plan 2035 Program PL.1. Driveway Access. *Require driveway access to buildings from non-arterial streets or alleys (where feasible) in order to minimize interference with pedestrian access and vehicular movement.*

Citywide Design Guidelines - Guideline 2*: Carefully incorporate vehicular access such that it does not degrade the pedestrian experience.*

Site Planning Best Practices:

- *Prioritize pedestrian access first and automobile access second. Orient parking and driveways toward the rear or side of buildings and away from the public right-of-way. On corner lots, parking should be oriented as far from the corner as possible.*
- *Minimize both the number of driveway entrances and overall driveway widths.*
- *Do not locate drop-off/pick-up areas between principal building entrances and the adjoining sidewalks.*
- *Orient vehicular access as far from street intersections as possible.*
- *Place drive-thru elements away from intersections and avoid placing them so that they create a barrier between the sidewalk and building entrance(s).*
- *Ensure that loading areas do not interfere with on-site pedestrian and vehicular circulation by separating loading areas and larger commercial vehicles from areas that are used for public parking and public entrances.*

B.2 Does the project add new driveways along a street designated as an Avenue or a Boulevard that conflict with LADOT's Driveway Design Guidelines (See Sec. 321 in the Manual of Policies and Procedures) by any of the following:

- locating new driveways for residential properties on an Avenue or Boulevard, and access is otherwise possible using an alley or a collector/local street, or
- locating new driveways for industrial or commercial properties on an Avenue or Boulevard and access is possible along a collector/local street, or

- the total number of new driveways exceeds 1 driveway per every 200 feet[2] along on the Avenue or Boulevard frontage, or
- locating new driveways on an Avenue or Boulevard within 150 feet from the intersecting street, or
- locating new driveways on a collector or local street within 75 feet from the intersecting street, or
- locating new driveways near mid-block crosswalks, requiring relocation of the mid-block crosswalk

☐ **Yes** ☒ No

If the answer to **B.1 and B.2 are both NO**, then the project would not conflict with a plan or policies that govern the PROW as a result of the project-initiated changes to the PROW.

Impact Analysis

If the answer to either **B.1 or B.2 are YES**, City plans and policies should be reviewed in light of the proposed physical changes to determine if the City would be obstructed from carrying out the plans and policies. The analysis should pay special consideration to substantial changes to the Public Right of Way that may either degrade existing facilities for people walking and bicycling (e.g., removing a bicycle lane), or preclude the City from completing complete street infrastructure as identified in the Mobility Plan 2035, especially if the physical changes are along streets that are on the High Injury Network (HIN). The analysis should also consider if the project is in a Transit Oriented Community (TOC) area, and would degrade or inhibit trips made by biking, walking and/ or transit ridership. The streets that need special consideration are those that are included on the following networks identified in the Mobility Plan 2035, or the HIN:

- Transit Enhanced Network
- Bicycle Enhanced Network
- Bicycle Lane Network
- Pedestrian Enhanced District
- Neighborhood Enhanced Network
- High Injury Network

To see the location of the above networks, see **Transportation Assessment Support Map**.[3]

Once the project is reviewed relevant to plans and policies, and existing facilities that may be impacted by the project, the analysis will need to answer the following two questions in concluding if there is an impact due to plan inconsistency.

B.2.1 Would the physical changes in the public right of way or new driveways that conflict with LADOT's Driveway Design Guidelines degrade the experience of vulnerable roadway users such as modify, remove, or otherwise negatively impact existing bicycle, transit, and/or pedestrian infrastructure?

☐ **Yes** ☐ No ☒ N/A

[2] for a project frontage that exceeds 400 feet along an Avenue or Boulevard, the incremental additional driveway above 2 is more than 1 driveway for every 400 additional feet.

[3] LADOT Transportation Assessment Support Map https://arcg.is/fubbD

B.2.2 Would the physical modifications or new driveways that conflict with LADOT's Driveway Design Guidelines preclude the City from advancing the safety of vulnerable roadway users?

☐ **Yes** ☐ No ☒ N/A

If either of the answers to either **B.2.1 or B.2.2 are YES**, the project may conflict with the Mobility Plan 2035, and therefore conflict with a plan that is adopted to protect the environment. If either of the answers to both **B.2.1. or B.2.2. are NO**, then the project would not be shown to conflict with plans or policies that govern the Public Right-of-Way.

C. Network Access

C. 1 Alley, Street and Stairway Access

These questions address potential conflict with:

Mobility Plan Policy 3.9 *Increased Network Access: Discourage the vacation of public rights-of-way.*

C.1.1 Does the project propose to vacate or otherwise restrict public access to a street, alley, or public stairway?

☐ Yes ☒ No

C.1.2 If the answer to C.1.1 is Yes, will the project provide or maintain public access to people walking and biking on the street, alley or stairway?

☐ Yes ☐ **No** ☒ N/A

C.2 New Cul-de-sacs

These questions address potential conflict with:

Mobility Plan 2035 Policy 3.10 *Cul-de-sacs: Discourage the use of cul-de-sacs that do not provide access for active transportation options.*

C.2.1 Does the project create a cul-de-sac or is the project located adjacent to an existing cul-de-sac?

☐ Yes ☒ No

C.2.2 If yes, will the cul-de-sac maintain convenient and direct public access to people walking and biking to the adjoining street network?

☐ Yes ☐ **No** ☒ N/A

If the answers to either C.1.2 or C.2.2 are YES, then the project would not conflict with a plan or policies that ensures access for all modes of travel. If the answer to either **C.1.2 or C.2.2 are NO**, the project may conflict with a plan or policies that governs multimodal access to a property. Further analysis must assess to the degree that pedestrians and bicyclists have sufficient public access to the transportation network.

D. Parking Supply and Transportation Demand Management

These questions address potential conflict with:

Mobility Plan 2035 Policy 3.8 *– Bicycle Parking, Provide bicyclists with convenient, secure and well maintained bicycle parking facilities.*

Mobility Plan 2035 Policy 4.8 – *Transportation Demand Management Strategies. Encourage greater utilization of Transportation Demand Management Strategies to reduce dependence on single-occupancy vehicles.*

Mobility Plan 2035 Policy 4.13 *– Parking and Land Use Management: Balance on-street and off-street parking supply with other transportation and land use objectives.*

D.1 Would the project propose a supply of onsite parking that exceeds the baseline amount[4] as required in the Los Angeles Municipal Code or a Specific plan, whichever requirement prevails?

☐ Yes ☒ No

D.2 If the answer to D.1. is YES, would the project propose to actively manage the demand of parking by independently pricing the supply to all users (e.g. parking cash-out), or for residential properties, unbundle the supply from the lease or sale of residential units?

☐ Yes ☐ **No** ☒ N/A

If the answer to **D.2. is NO** the project may conflict with parking management policies. Further analysis is needed to demonstrate how the supply of parking above city requirements will not result in additional (induced) drive-alone trips as compared to an alternative that provided no more parking than the baseline required by the LAMC or Specific Plan. If there is potential for the supply of parking to result in induced demand for drive-alone trips, the project should further explore transportation demand management (TDM) measures to further off-set the induced demands of driving and vehicle miles travelled (VMT) that may result from higher amounts of on-site parking. The TDM measures should specifically focus on strategies that encourage dynamic and context-sensitive pricing solutions and ensure the parking is efficiently allocated, such as providing real time information. Research has demonstrated that charging a user cost for parking or providing a 'cash-out' option in return for not using it is the most effective strategy to reduce the instances of drive-alone trips and increase non-auto mode share to further reduce VMT. To ensure the parking is efficiently managed and reduce the need to build parking for future uses, further strategies should include sharing parking with other properties and/or the general public.

D.3. Would the project provide the minimum on and off-site bicycle parking spaces as required by Section 12.21 A.16 of the LAMC?

☒ Yes ☐ **No**

[4] The baseline parking is defined here as the default parking requirements in section 12.21 A.4 of the Los Angeles Municipal Code or any applicable Specific Plan, whichever prevails, for each applicable use not taking into consideration other parking incentives to reduce the amount of required parking.

D.4. Does the Project include more than 25,000 square feet of gross floor area construction of new non-residential gross floor?

[x] Yes [ ] No

D.5 If the answer to D.4. is YES, does the project comply with the City's TDM Ordinance in Section 12.26 J of the LAMC?

[x] Yes [ ] **No** [ ] N/A

If the answer to **D.3. or D.5. is NO** the project conflicts with LAMC code requirements of bicycle parking and TDM measures. If the project includes uses that require bicycle parking (Section 12.21 A.16) or TDM (Section 12.26 J), and the project does not comply with those Sections of the LAMC, further analysis is required to ensure that the project supports the intent of the two LAMC sections. To meet the intent of bicycle parking requirements, the analysis should identify how the project commits to providing safe access to those traveling by bicycle and accommodates storing their bicycle in locations that demonstrates priority over vehicle access.

Similarly, to meet the intent of the TDM requirements of Section 12.26 J of the LAMC, the analysis should identify how the project commits to providing effective strategies in either physical facilities or programs that encourage non-drive alone trips to and from the project site and changes in work schedule that move trips out of the peak period or eliminate them altogether (as in the case in telecommuting or compressed work weeks).

E. Consistency with Regional Plans

This section addresses potential inconsistencies with greenhouse gas (GHG) reduction targets forecasted in the Southern California Association of Governments (SCAG) Regional Transportation Plan (RTP) / Sustainable Communities Strategy (SCS).

E.1 Does the Project or Plan apply one the City's efficiency-based impact thresholds (i.e. VMT per capita, VMT per employee, or VMT per service population) as discussed in Section 2.2.3 of the TAG?

[x] Yes [ ] No

E.2 If the Answer to E.1 is YES, does the Project or Plan result in a significant VMT impact?

[ ] Yes [x] No [ ] N/A

E.3 If the Answer to E.1 is NO, does the Project result in a net increase in VMT?

[ ] Yes [ ] No [x] N/A

If the Answer to E.2 or E.3 is NO, then the Project or Plan is shown to align with the long-term VMT and GHG reduction goals of SCAG's RTP/SCS.

E.4 If the Answer to E.2 or E.3 is YES, then further evaluation would be necessary to determine whether such a project or land use plan would be shown to be consistent with VMT and GHG reduction goals of the SCAG RTP/SCS. For the purpose of making a finding that a project is consistent with the GHG reduction targets forecasted in the SCAG RTP/SCS, the project analyst should consult Section 2.2.4 of the Transportation Assessment Guidelines (TAG). Section 2.2.4 provides the methodology for evaluating a land use project's cumulative impacts to VMT, and the appropriate reliance on SCAG's most recently adopted RTP/SCS in reaching that conclusion.

The analysis methods therein can further support findings that the project is consistent with the general use designation, density, building intensity, and applicable policies specified for the project area in either a sustainable communities strategy or an alternative planning strategy for which the State Air Resources Board, pursuant to Section 65080(b)(2)(H) of the Government Code, has accepted a metropolitan planning organization's determination that the sustainable communities strategy or the alternative planning strategy would, if implemented, achieve the greenhouse gas emission reduction targets.

References

BOE Street Standard Dimensions S-470-1 http://eng2.lacity.org/techdocs/stdplans/s-400/S-470-1_20151021_150849.pdf

LADCP Citywide Design Guidelines. https://planning.lacity.org/odocument/f6608be7-d5fe-4187-bea6-20618eec5049/Citywide_Design_Guidelines.pdf

LADOT Transportation Assessment Support Map https://arcg.is/fubbD

Mobility Plan 2035 https://planning.lacity.org/odocument/523f2a95-9d72-41d7-aba5-1972f84c1d36/Mobility_Plan_2035.pdf

SCAG. Connect SoCal, 2020-2045 RTP/SCS, https://www.connectsocal.org/Pages/default.aspx

ATTACHMENT D.1: CITY PLAN, POLICIES AND GUIDELINES

The Transportation Element of the City's General Plan, Mobility Plan 2035, established the "Complete Streets Design Guide" as the City's document to guide the operations and design of streets and other public rights-of-way. It lays out a vision for designing safer, more vibrant streets that are accessible to people, no matter what their mode choice. As a living document, it is intended to be frequently updated as City departments identify and implement street standards and experiment with different configurations to promote complete streets. The guide is meant to be a toolkit that provides numerous examples of what is possible in the public right-of-way and that provides guidance on context-sensitive design.

The Plan for A Healthy Los Angeles (March 2015) includes policies directing several City departments to develop plans that promote active transportation and safety.

The City of Los Angeles Community Plans, which make up the Land Use Element of the City's General Plan, guide the physical development of neighborhoods by establishing the goals and policies for land use. The 35 Community Plans provide specific, neighborhood-level detail for land uses and the transportation network, relevant policies, and implementation strategies necessary to achieve General Plan and community-specific objectives.

The stated goal of Vision Zero is to eliminate traffic-related deaths in Los Angeles by 2025 through a number of strategies, including modifying the design of streets to increase the safety of vulnerable road users. Extensive crash data analysis is conducted on an ongoing basis to prioritize intersections and corridors for implementation of projects that will have the greatest effect on overall fatality reduction. The City designs and deploys Vision Zero Corridor Plans as part of the implementation of Vision Zero. If a project is proposed whose site lies on the High Injury Network (HIN), the applicant should consult with LADOT to inform the project's site plan and to determine appropriate improvements, whether by funding their implementation in full or by making a contribution toward their implementation.

The Citywide Design Guidelines (October 24, 2019) includes sections relevant to development projects where improvements are proposed within the public realm. Specifically, Guidelines one through three provide building design strategies that support the pedestrian experience. The Guidelines provide best practices in designing that apply in three spatial categories of site planning, building design and public right of way. The Guidelines should be followed to ensure that the project design supports pedestrian safety, access and comfort as they access to and from the building and the immediate public right of way.

The City's Transportation Demand Management (TDM) Ordinance (LA Municipal Code 12.26.J) requires certain projects to incorporate strategies that reduce drive-alone vehicle trips and improve access to destinations and services. The ordinance is revised and updated periodically and should be reviewed for application to specific projects as they are reviewed.

The City's LAMC Section 12.37 (Waivers of Dedication and Improvement) requires certain projects to dedicate and/or implement improvements within the public right-of-way to meet the street designation standards of the Mobility Plan 2035.

The Bureau of Engineering (BOE) Street Standard Dimensions S-470-1 provides the specific street widths and public right of way dimensions associated with the City's street standards.

Detailed Responses in Support of General Consistency with Transportation-Related Plans, Programs, Ordinances, or Policies (Adapted from Attachment D in *LADOT Transportation Assessment Guidelines*, July 2020)

The items below correspond with the TAG Attachment D: Plan, Policy, and Program Consistency Worksheet. Defined terms below have the same meanings as in the Transportation Assessment.

A. MOBILITY PLAN 2035 (MP 2035) PROW CLASSIFICATION STANDARDS FOR DEDICATIONS AND IMPROVEMENTS

The Project does include additions or new construction along a street designated as a Boulevard I and II, and/or Avenue I, II, or III on property zoned for R3 or less restrictive zone. The Project proposes new construction along Olympic Boulevard and Beacon Avenue, which are designated as a Boulevard II and Local Street – Standard, respectively, under the MP 2035 Street Standards Plan. The Project Site is zoned Q(C4-2D), C4-1, and R3-1 per LAMC. The Project is required to and will make the required two-foot dedication along the Project Site's Olympic Boulevard frontage, as well as the alley directly adjacent to the western portion of the Project Site. The Project Site's Olympic Boulevard frontage is along the High Injury Network (HIN) and is designated as a Pedestrian Enhanced District (PED) within MP 2035. The Project Site's Beacon Avenue frontage is along the Neighborhood Enhanced Network (NEN) within MP 2035. The Project will not alter adjacent streets or the right-of-way in a manner that would preclude or conflict future changes by various City Departments. Therefore, the Project does not conflict with any dedication and improvement requirements that are needed to comply with the MP 2035 Street Designation and Standard Roadway Dimensions requirements.

MP 2035 Policy 2.1 – Adaptive Reuse of Streets. Design, plan, and operate streets to serve multiple purposes and provide flexibility in design to adapt to future demands.

- The Project is required to make any dedications or improvements to the public right-of way. Specifically, a two-foot street dedication is required for Olympic Boulevard, as well as the alley directly adjacent to the western portion of the Project Site. The Project will not alter adjacent streets or the right-of-way in a manner that would preclude or conflict future changes by various City Departments.

MP 2035 Policy 2.3 – Pedestrian Infrastructure. Recognize walking as a component of every trip and ensure high quality pedestrian access in all site planning and public right-of-way modifications to provide a safe and comfortable walking environment.

- The Project will not alter pedestrian infrastructure or the right-of-way in a manner that would preclude or conflict future changes by various City Departments. The Project prioritizes pedestrian access and connectivity. Pedestrian access to the Project will be provided along Olympic Avenue and Beacon Avenue. The Project will improve the sidewalks along the Project Site's Olympic Boulevard and Beacon Avenue frontages. Furthermore, separate pedestrian entrances located away from the Project's driveways will

be provided for safe pedestrian access to and from the Project Site, which will reduce the potential for conflicts with vehicular traffic.

MP 2035 Policy 3.2 – People with Disabilities. Accommodate the needs of people with disabilities when modifying of installing infrastructure within the public right-of-way.

- The Project will not alter existing ADA infrastructure or the right-of-way in a manner that would preclude or conflict future changes by various City Departments. Pedestrian access from the public-right-of-way to the Project will be ADA compliant.

MP 2035 Networks

- The Project Site has frontage along the following networks in MP 2035:
  - PED: Olympic Boulevard (See analysis of MP Policy 2.3 above)
  - NEN: Beacon Avenue

MP 2035 Policy 2.4 – Neighborhood Enhanced Network. Provide a slow speed network of locally serving streets.

- Beacon Avenue has been designated within the City's Neighborhood Enhanced Network (NEN). The Project will improve the existing sidewalks along the Project Site's Beacon Avenue frontage. The Project will not preclude the City from installing modifications such as shared laned markings as part of the NEN. The Project will not modify Beacon Avenue in a way that would substantially increase travel speed.

B. MOBILITY PLAN 2035 (MP 2035) PROW POLICY ALIGNMENT WITH PROJECT-INITIATED CHANGES

B.1. Project-Initiated Changes to the PROW Dimensions

The Project will not physically modify the curb placement or turning radius, nor does it physically alter the sidewalk and parkways space, in a manner that would change how people access the Project Site. The Project will make the required two-foot dedication for Olympic Boulevard and the alley directly adjacent to the western portion of the Project Site. The Project complies with the MP 2035 policies outlined below.

MP 2035 Policy 2.1 – Adaptive Reuse of Streets. Design, plan, and operate streets to serve multiple purposes and provide flexibility in design to adapt to future demands.

- The Project is required to make any dedications or improvements to the public right-of way. Specifically, a two-foot street dedication is required for Olympic Boulevard, as well as the alley directly adjacent to the western portion of the Project Site. The Project will not alter adjacent streets or the right-of-way in a manner that would preclude or conflict future changes by various City Departments.

MP 2035 Policy 2.3 – Pedestrian Infrastructure. Recognize walking as a component of every trip and ensure high quality pedestrian access in all site planning and public right-of-way modifications to provide a safe and comfortable walking environment.

- The Project will not alter pedestrian infrastructure or the right-of-way in a manner that would preclude or conflict future changes by various City Departments. The Project prioritizes pedestrian access and connectivity. Pedestrian access to the Project will be provided along Olympic Avenue and Beacon Avenue. The Project will improve the sidewalks along the Project Site's Olympic Boulevard and Beacon Avenue frontages. Furthermore, separate pedestrian entrances located away from the Project's driveways will be provided for safe pedestrian access to and from the Project Site, which will reduce the potential for conflicts with vehicular traffic.

MP 2035 Policy 3.2 – People with Disabilities. Accommodate the needs of people with disabilities when modifying of installing infrastructure within the public right-of-way.

- The Project will not alter existing ADA infrastructure or the right-of-way in a manner that would preclude or conflict future changes by various City Departments. Pedestrian access from the public-right-of-way to the Project will be ADA compliant.

MP 2035 Policy 2.10 – Loading Areas. Facilitate the provision of on and off-site street loading areas.

- Loading activities associated with service and delivery operations will occur within the existing alley directly adjacent to the western portion of the Project Site. Trash and recycling facilities will be placed in the northwesterly portion of the Parking Site and will be accessible from the alley.

MP 2035 Street Designations and Standard Roadway Dimensions

- The Project does include additions or new construction along a street designated as a Boulevard I and II, and/or Avenue I, II, or III on property zoned for R3 or less restrictive zone. The Project proposes new construction along Olympic Boulevard and Beacon Avenue, which are designated as a Boulevard II and Local Street – Standard, respectively, under the MP 2035 Street Standards Plan. The Project Site is zoned Q(C4-2D), C4-1, and R3-1 per LAMC.

B.2. Driveway Access

The Project does not add new driveways along a street designated as an Avenue or a Boulevard, therefore, the Project does not conflict with LADOT Manual of Policy and Procedures (MPP), Section 321, Driveway Design. Driveways are currently provided at northwesterly portion of the site along the south side of Olympic Boulevard, and at the southeasterly portion of the site along west side of the Beacon Avenue. While the driveways will be improved as part of the Project, the placement of the driveways will be similar as to what exists under current conditions. The Project

does not propose additional driveways along either Olympic Boulevard or Beacon Avenue. Additionally, the Project will utilize the alley directly adjacent to the western portion of the Project Site for vehicular egress during the student drop-off and pick-up periods, as well as for loading activities associated with service and delivery operations. The Project will not require the relocation of any existing pedestrian infrastructure. Therefore, the Project does not conflict with a plan or policies that govern the public right of way as a result of any Project-initiated changes to the public right-of-way.

MP 2035 Policy 2.10 – Loading Areas. Facilitate the provision of on and off-site street loading areas.

- Loading activities associated with service and delivery operations will occur within the existing alley directly adjacent to the western portion of the Project Site. Trash and recycling facilities will be placed in the northwesterly portion of the Parking Site and will be accessible from the alley.

MP 2035 Program PL.1. Driveway Access. Require driveway access to buildings from non-arterial streets or alleys (where feasible) in order to minimize interference with pedestrian access and vehicular movement.

- Driveway access will be provided in approximately the same location as existing conditions. While the Project will continue to have a driveway along the Project Site's Olympic Boulevard frontage, the driveway will be located at the northwesterly portion of the Project Site to prioritize pedestrian access.

Citywide Design Guidelines – Guideline 2. Carefully incorporate vehicular access such that it does not degrade the pedestrian experience, in accordance with the Site Planning Best Practices listed below.

- *Prioritize pedestrian access first and automobile access second. Orient parking and driveways toward the rear or side of buildings and away from the public right-of-way. On corner lots, parking should be oriented as far from the corner as possible.*
    - The Project prioritizes pedestrian access first. The improved driveways along Olympic Boulevard and Beacon Avenue will be located away from the main school building, and away from the Beacon Avenue / Olympic Boulevard intersection. Vehicle parking will be provided in a subterranean parking garage as to not conflict with pedestrian and bicyclist activity within the public right-of-way.
- *Minimize both the number of driveway entrances and overall driveway widths.*
    - The Project does not propose the addition of new curb cuts along the public right-of-way, and the driveways will be designed in accordance with City standards.

- *Do not locate drop-off/pick-up areas between principal building entrances and the adjoining sidewalks.*
    - The student drop-off/pick-up area will be located internal to the Project Site and away from the public right-of-way.
- *Orient vehicular access as far from street intersections as possible.*
    - The improved driveways on Olympic Boulevard and Beacon Avenue will located at the northwesterly and southeasterly corners of the Project Site, respectively. The driveways will be situated as far as possible from the Beacon Avenue / Olympic Boulevard intersection.
- *Place drive-through elements away from intersections and avoid placing them so that they create a barrier between the sidewalk and building entrance(s).*
    - The Project does not propose any drive-through elements.
- *Ensure that loading areas do not interfere with on-site pedestrian and vehicular circulation by separating loading areas and larger commercial vehicles from areas that are used for public parking and public entrances.*
    - Loading activities associated with service and delivery operations will occur within the existing alley directly adjacent to the western portion of the Project Site, and away from on-site pedestrian and vehicular circulation. Trash and recycling facilities will be placed in the northwesterly portion of the Parking Site and will be accessible from the alley.

C. NETWORK ACCESS

C.1. Alley, Street and Stairway Access

The Project does not conflict with MP 2035 policy below because it will not vacate or otherwise restrict public access to a street, alley or public stairway.

MP 2035 Policy 3.9 – Increased Network Access. Discourage the vacation of public rights-of-way.

- The Project will not vacate any public rights-of-way.

C.2. New Cul-de-sacs

The Project does not conflict with the MP 2035 policy below because it will not create a cul-de-sac, nor is the Project located adjacent to an existing cul-de-sac.

MP 2035 Policy 3.10 – Cul-de-sacs. Discourage the use of cul-de-sacs that do not provide access for active transportation options.

- The Project Site is not located on a cul-de-sac.

D. Parking Supply and Transportation Demand Management

The Project is consistent with the MP 2035 polices below because it does not propose a supply of on-site parking that would exceed the baseline amount as required in the LAMC or a Specific Plan. Per LAUSD, the Project is required to provide 48 vehicle parking spaces. The Project will provide the required number of vehicle parking spaces. The Project will also provide the required bicycle parking spaces that are required by LAMC Section 12.21A.16.

In addition, the Project includes the construction of more than 50,000 square feet of new non-residential gross floor area. As required by the City's TDM Ordinance in LAMC Section 12.26J, the Project will provide a bulletin board, display case, or kiosk (displaying transportation information) where the greatest number or employees are likely to see it. The information displayed will include, but is not limited to, current routes and schedules for public transit serving the Project Site, contact information for regional ridesharing and transit agencies, ridesharing promotional material, regional and local bicycle route and facility information, and a listing of on-site services or facilities which are available for carpoolers, vanpoolers, bicyclists, and transit riders. Furthermore, the Project will provide a designated parking area for employee carpools and vanpools., as well as bicycle parking in accordance with LAMC Section 12.21A.16.

In addition to the TDM measures required by the City's TDM Ordinance, the Project will utilize additional TDM strategies as described in Section 2.10 of the Transportation Assessment. The Project will offer all employees a daily transit subsidy of $2.98 to encourage travel to and from the Project Site by public transit. Additionally, the Project will proactively aim to increase employee vehicle occupancy by providing ride-share matching services, designating preferred parking for ride-share participants, designing adequate passenger loading/unloading and waiting areas for ride-share vehicles, and providing a website or message board to connect riders and coordinate rides. Therefore, the Project does not conflict the LAMC vehicle and bicycle parking requirements or the City's TDM measures.

MP 2035 Policy 3.8 – Bicycle Parking. Provide bicyclists with convenient, secure, and well maintained bicycle parking facilities.

- The Project is required to provide 84 short-term and two long-term bicycle parking spaces in accordance with LAMC. The Project will provide the LAMC-required number of short-term and long-term bicycle parking spaces. Secure bicycle parking will be provided within the on-site parking garage.

MP 2035 Policy 4.8 – Transportation Demand Management Strategies. Encourage greater utilization of Transportation Demand Management Strategies to reduce dependence on single-occupancy vehicles.

- As described in Section 2.10 of the Transportation Assessment, the Project will utilize three TDM strategies as Project Design Features and Mitigation Measures: Transit Subsidies; Ride-Share Program; and Include Bike Parking per the LAMC. The Applicant will comply with existing applicable City ordinances (e.g., the City's existing TDM Ordinance, referred to in LAMC Section 12.26.J).

MP 2035 Policy 4.13 – Parking and Land Use Management. Balance on-street and off-street parking supply with other transportation and land use objectives.

- The Project will provide a total of 48 vehicle parking spaces within an on-site subterranean parking garage. The Project Site will provide vehicle parking spaces in accordance with the LAUSD requirements. Additionally, the Project will provide the LAMC-required number of short-term and long-term bicycle parking spaces. Moreover, the Project is located in a Transit Priority Area, and is within convenient walking distance to public transit routes along Olympic Boulevard.

E. Consistency with Regional Plans

The Project applies one of the City's efficiency-based impact thresholds (i.e., VMT per Employee) as discussed in Section 4.2 of the Transportation Assessment. The Project's VMT analysis concludes that the Project will not result in a significant VMT impact. As the Project will not result in a significant VMT impact, the Project is shown to be consistent with the VMT and greenhouse gas (GHG) goals of the Southern California Association of Governments (SCAG) Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS).

Additional Review

The following provides a review of the transportation-related goals listed in the Plan for a Healthy Los Angeles (Healthy LA).

- The Project supports the transportation-related goals listed in Healthy LA. The Project is designed in a manner that facilitates travel on foot between the Project Site and nearby residential and commercial destinations, as well as transit stops along Olympic Boulevard and Union Avenue. The Project will provide the LAMC-required number of bicycle parking spaces. To reduce dependence on single-occupancy vehicles, all employees will be offered a daily transit subsidy of $2.98 to encourage travel to and from the Project Site by means other than vehicles. Furthermore, the Project will proactively aim to increase employee vehicle occupancy by providing ride-share matching services, designating preferred parking for ride-share participants, designing adequate passenger loading/unloading and waiting areas for ride-share vehicles, and providing a website or message board to connect riders and coordinate rides. The Project would not conflict with, limit or preclude the City's ability to implement programs and policies in furtherance of Healthy LA.

The following provides a review of relevant policies within the LADOT MPP.

- The LADOT MPP, Section 321, Driveway Design, includes driveway design standards to minimize adverse effects on street traffic. The Project Site has frontage along Olympic Boulevard and Beacon Avenue, which are designated as a Boulevard II and Local Street – Standard under the MP 2035 Street Standards Plan. Inbound vehicular access to the Project Site 's student drop-off and pick-up area will be provided via an improved driveway along the west side of Beacon Avenue. Vehicular egress from the student drop-off and pick-up area will be provided via the alley adjacent to the Project Site's westerly boundary. Vehicular access to the subterranean parking garage will be provided via an improved driveway along the south side of Olympic Boulevard. No additional driveways along the public right-of-way are proposed as part of the Project. The Project would not conflict with the LADOT MPP.

The following provides a review of Vision Zero.

- Vision Zero is a plan that strives to eliminate traffic-related deaths in Los Angeles by 2025 through strategies, such as modifying streets to better serve vulnerable road users. Projects located in the HIN should make improvements or fund them. The Project Site's Olympic Boulevard frontage is located within the HIN. The Project will make improvements to the sidewalks along the Project Site's Olympic Boulevard frontage. The Project would not preclude or conflict with the implementation of future Vision Zero projects in the public right-of-way along Olympic Boulevard or other roadways within the immediate vicinity of the Project Site.

The following provides a review of the transportation-related goals listed in Westlake Community Plan ("Community Plan"). The Community Plan was adopted in 1997. It is anticipated that the Community Plan will be updated in the near future, however, the Community Plan from 1997 is currently in effect and forms the basis for this review of potential conflicts relating to the transportation system.

From a transportation and circulation perspective, the Community Plan offers the following objectives related to the Project.

Objective 3: To minimize the conflict between vehicular and pedestrian traffic.

- The Project has been designed in a manner that orients the driveways as far as possible from the Beacon Avenue / Olympic Boulevard intersection in order to minimize potential conflict between vehicular and pedestrian traffic.

Objective 6: To encourage new businesses and companies to provide carpooling as a means of providing access to Westlake.

- As described in Section 2.10 of the Transportation Assessment, the Project will implement a ride-share program for its employees. Furthermore, the Applicant will proactively

encourage parents and caregivers to set up student carpools to reduce the number of vehicle trips generated by the Project.

From a transportation and circulation perspective, the Community Plan offers the following policies related to the Project.

Policy 1: That no residential, commercial, or industrial zone change be approved unless it is determined that transportation facilities, existing or assured, are adequate enough to accommodate the traffic generated.

- As described in the Transportation Assessment, the Project will provide the required number of vehicular and bicycle parking spaces. Furthermore, the Project's on-site drop-off and pick-up area will be able to accommodate the maximum expected peak queue to ensure that vehicle will not spill out onto Beacon Avenue.

Policy 2: That any unique character of a community street be maintained and enhanced by design characteristics such as street trees, landscaped median strips, traffic islands, and special paving.

- The Project will improve the sidewalks along its Olympic Boulevard and Beacon Avenue frontages. Furthermore, the Project will not alter adjacent streets or the right-of-way in a manner that would preclude or conflict future changes by various City Departments.

APPENDIX E

HCM AND LEVELS OF SERVICE EXPLANATION
HCM DATA WORKSHEETS – WEEKDAY AM AND PM PEAK HOURS

LEVEL OF SERVICE FOR SIGNALIZED INTERSECTIONS

In the *Highway Capacity Manual (HCM)*, published by the Transportation Research Board, 2010, level of service for signalized intersections is defined in terms of delay, which is a measure of driver discomfort, frustration, fuel consumption, and increased travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Total delay is the difference between the travel time actually experienced and the reference travel time that would result during base conditions: in the absence of traffic control, in the absence of geometric delay, in the absence of incidents, and when there are no other vehicles on the road. Only the portion of total delay attributed to the control facility is quantified. This delay is called *control delay*. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay.

Level of Service criteria for traffic signals are stated in terms of the average control delay per vehicle. Delay is a complex measure and is dependent on a number of variables, including the quality of progression, the cycle length, the green ratio, and the *v/c* ratio for the lane group in question.

Level of Service Criteria for Signalized Intersections

Level of Service	Control Delay (Sec/Veh)
A	≤ 10
B	> 10 and ≤ 20
C	> 20 and ≤ 35
D	> 35 and ≤ 55
E	> 55 and ≤ 80
F	> 80

Level of Service (LOS) values are used to describe intersection operations with service levels varying from LOS A (free flow) to LOS F (jammed condition). The following descriptions summarize *HCM* criteria for each level of service:

LOS A describes operations with very low control delay, up to 10 seconds per vehicle. This level of service occurs when progression is extremely favorable and most vehicles arrive during the green phase. Most vehicles do not stop at all. Short cycle lengths may also contribute to low delay values.

LOS B describes operations with control delay greater than 10 and up to 20 seconds per vehicle. This level generally occurs with good progression, short cycle lengths, or both. More vehicles stop than with LOS A, causing higher levels of delay.

LOS C describes operations with control delay greater than 20 and up to 35 seconds per vehicle. These higher delays may result from fair progression, longer cycle lengths, or both. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant at this level, though many still pass through the intersection without stopping.

LOS D describes operations with control delay greater than 35 and up to 55 seconds per vehicle. At LOS D, the influence of congestion becomes more noticeable. Longer delays may result from some combination of unfavorable progression, long cycle lengths, or high *v/c* ratios. Many vehicles stop, and the proportion of vehicles not stopping declines. Individual cycle failures are noticeable.

LOS E describes operations with control delay greater than 55 and up to 80 seconds per vehicle. This level is considered by many agencies to be the limit of acceptable delay. These high delay values generally indicate poor progression, long cycle lengths, and high *v/c* ratios. Individual cycle failures are frequent occurrences.

LOS F describes operations with control delay in excess of 80 seconds per vehicle. This level, considered to be unacceptable to most drivers, often occurs with oversaturation, that is, when arrival flow rates exceed the capacity of the lane groups. It may also occur at high *v/c* ratios with many individual cycle failures. Poor progression and long cycle lengths may also be major contributing factors to such delay levels.

LEVEL OF SERVICE FOR UNSIGNALIZED INTERSECTIONS

In the *Highway Capacity Manual (HCM)*, published by the Transportation Research Board, 2010, level of service for unsignalized intersections is defined in terms of delay, which is a measure of driver discomfort, frustration, fuel consumption, and lost travel time. The delay experienced by a motorist is made up of a number of factors that relate to control, geometrics, traffic, and incidents. Total delay is the difference between the travel time actually experienced and the reference travel time that would result during base conditions, in the absence of incidents, control, traffic, or geometric delay. Only the portion of total delay attributed to the traffic control measures, either traffic signals or stop signs, is quantified. This delay is called *control delay*. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay.

Level of Service criteria for unsignalized intersections are stated in terms of the average control delay per vehicle. The level of service is determined by the computed or measured control delay and is defined for each minor movement. Average control delay for any particular minor movement is a function of the service time for the approach and the degree of utilization. (Level of service is not defined for the intersection as a whole for two-way stop controlled intersections.)

Level of Service Criteria for TWSC/AWSC Intersections

Level of Service	Average Control Delay (Sec/Veh)
A	≤ 10
B	> 10 and ≤ 15
C	> 15 and ≤ 25
D	> 25 and ≤ 35
E	> 35 and ≤ 50
F	> 50

Level of Service (LOS) values are used to describe intersection operations with service levels varying from LOS A (free flow) to LOS F (jammed condition). The following descriptions summarize *HCM* criteria for each level of service:

LOS A describes operations with very low control delay, up to 10 seconds per vehicle.

LOS B describes operations with control delay greater than 10 and up to 15 seconds per vehicle.

LOS C describes operations with control delay greater than 15 and up to 25 seconds per vehicle.

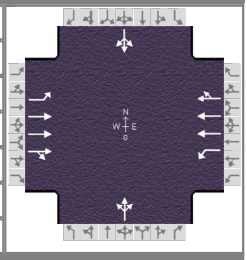
LOS D describes operations with control delay greater than 25 and up to 35 seconds per vehicle.

LOS E describes operations with control delay greater than 35 and up to 50 seconds per vehicle.

LOS F describes operations with control delay in excess of 50 seconds per vehicle. For two-way stop controlled intersections, LOS F exists when there are insufficient gaps of suitable size to allow side-street demand to safely cross through a major-street traffic stream. This level of service is generally evident from extremely long control delays experienced by side-street traffic and by queuing on the minor-street approaches.

HCS7 Signalized Intersection Results Summary

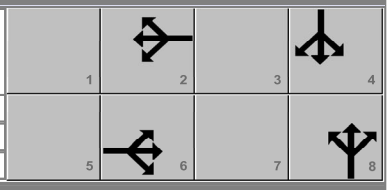
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Jan 21, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Existing - AM	PHF	0.95
Urban Street	Olympic Boulevard	Analysis Year	2020	Analysis Period	1> 7:00
Intersection	Burlington / Olympic	File Name	01AM - Existing.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (v), veh/h	52	1744	36	43	1043	29	44	180	70	34	68	42

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (MAH), s		0.0		0.0		4.3		4.3
Queue Clearance Time (g_s), s						17.5		8.8
Green Extension Time (g_e), s		0.0		0.0		1.3		1.7
Phase Call Probability						1.00		1.00
Max Out Probability						0.13		0.00

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (v), veh/h	55	1253	620	45	756	373		309			152	
Adjusted Saturation Flow Rate (s), veh/h/ln	507	1900	1879	247	1900	1872		1741			1587	
Queue Service Time (g_s), s	5.7	18.5	18.5	12.6	9.3	9.3		7.6			0.0	
Cycle Queue Clearance Time (g_c), s	15.0	18.5	18.5	31.1	9.3	9.3		15.5			6.8	
Green Ratio (g/C)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (c), veh/h	341	2371	1173	181	2371	1168		513			475	
Volume-to-Capacity Ratio (X)	0.161	0.529	0.529	0.251	0.319	0.319		0.603			0.319	
Back of Queue (Q), ft/ln (95 th percentile)	31.7	288.5	295.4	38.6	161.1	164.2		279.2			133.2	
Back of Queue (Q), veh/ln (95 th percentile)	1.3	11.5	11.8	1.5	6.4	6.6		11.2			5.3	
Queue Storage Ratio (RQ) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	12.4	10.5	10.6	19.3	8.8	8.8		32.1			29.0	
Incremental Delay (d_2), s/veh	1.0	0.8	1.7	3.3	0.4	0.7		2.0			0.4	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (d), s/veh	13.4	11.4	12.3	22.6	9.2	9.5		34.1			29.4	
Level of Service (LOS)	B	B	B	C	A	A		C			C	
Approach Delay, s/veh / LOS	11.7	B		9.8	A		34.1	C		29.4	C	
Intersection Delay, s/veh / LOS	13.8						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.55	B	1.13	A	1.00	A	0.74	A

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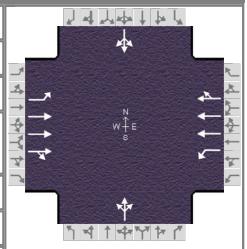
HCS7 Signalized Intersection Results Summary

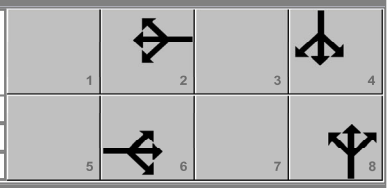
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Feb 26, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Existing with Project - AM	PHF	0.95
Urban Street	Olympic Boulevard	Analysis Year	2020	Analysis Period	1> 7:00
Intersection	Burlington / Olympic	File Name	01AM - Existing with Project.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (v), veh/h	52	1819	36	43	1043	29	44	180	89	43	68	42

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (MAH), s		0.0		0.0		4.3		4.3
Queue Clearance Time (g_s), s						18.9		10.1
Green Extension Time (g_e), s		0.0		0.0		1.3		1.8
Phase Call Probability						1.00		1.00
Max Out Probability						0.25		0.01

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (v), veh/h	55	1306	647	45	756	373		329			161	
Adjusted Saturation Flow Rate (s), veh/h/ln	507	1900	1880	229	1900	1872		1733			1464	
Queue Service Time (g_s), s	5.7	19.7	19.7	14.1	9.3	9.3		8.7			0.0	
Cycle Queue Clearance Time (g_c), s	15.0	19.7	19.7	33.8	9.3	9.3		16.9			8.1	
Green Ratio (g/C)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (c), veh/h	341	2371	1173	170	2371	1168		511			443	
Volume-to-Capacity Ratio (X)	0.161	0.551	0.551	0.267	0.319	0.319		0.645			0.364	
Back of Queue (Q), ft/ln (95 th percentile)	31.7	303.5	311.1	40.6	161.1	164.2		300.3			143.7	
Back of Queue (Q), veh/ln (95 th percentile)	1.3	12.1	12.4	1.6	6.4	6.6		12.0			5.7	
Queue Storage Ratio (RQ) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	12.4	10.8	10.8	20.5	8.8	8.8		32.6			29.3	
Incremental Delay (d_2), s/veh	1.0	0.9	1.9	3.8	0.4	0.7		2.8			0.5	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (d), s/veh	13.4	11.7	12.6	24.3	9.2	9.5		35.4			29.8	
Level of Service (LOS)	B	B	B	C	A	A		D			C	
Approach Delay, s/veh / LOS	12.0	B		9.9	A		35.4	D		29.8	C	
Intersection Delay, s/veh / LOS	14.2						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.59	B	1.13	A	1.03	A	0.75	A

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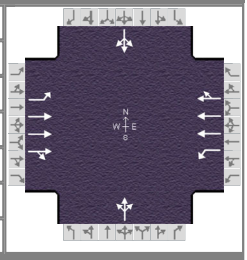
HCS7 Signalized Intersection Results Summary

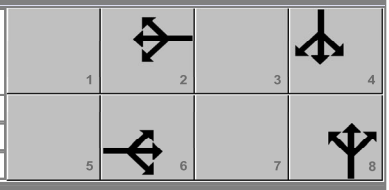
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Feb 25, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Future - AM	PHF	0.95
Urban Street	Olympic Boulevard	Analysis Year	2025	Analysis Period	1> 7:00
Intersection	Burlington / Olympic	File Name	01AM - Future.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	54	1860	38	45	1121	29	46	189	74	35	71	43

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (*MAH*), s		0.0		0.0		4.3		4.3
Queue Clearance Time (g_s), s						18.5		9.1
Green Extension Time (g_e), s		0.0		0.0		1.3		1.8
Phase Call Probability						1.00		1.00
Max Out Probability						0.21		0.01

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	57	1336	662	47	811	400		325			157	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	469	1900	1880	219	1900	1874		1739			1564	
Queue Service Time (g_s), s	6.6	20.4	20.4	16.0	10.2	10.2		8.9			0.0	
Cycle Queue Clearance Time (g_c), s	16.8	20.4	20.4	36.4	10.2	10.2		16.5			7.1	
Green Ratio (*g/C*)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (*c*), veh/h	317	2371	1173	164	2371	1170		513			468	
Volume-to-Capacity Ratio (*X*)	0.179	0.563	0.564	0.289	0.342	0.342		0.634			0.335	
Back of Queue (*Q*), ft/ln (95 th percentile)	34.5	312.5	321.1	44.4	176.1	179.6		295.5			138.3	
Back of Queue (*Q*), veh/ln (95 th percentile)	1.4	12.5	12.8	1.8	7.0	7.2		11.8			5.5	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	13.0	10.9	10.9	21.5	9.0	9.0		32.5			29.1	
Incremental Delay (d_2), s/veh	1.2	1.0	2.0	4.4	0.4	0.8		2.6			0.4	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (*d*), s/veh	14.2	11.9	12.9	25.9	9.4	9.8		35.0			29.5	
Level of Service (LOS)	B	B	B	C	A	A		D			C	
Approach Delay, s/veh / LOS	12.3	B		10.1	B		35.0	D		29.5	C	
Intersection Delay, s/veh / LOS	14.2						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.62	B	1.18	A	1.02	A	0.75	A

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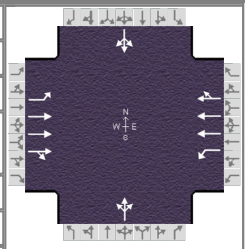
HCS7 Signalized Intersection Results Summary

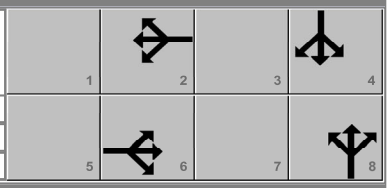
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Feb 26, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Future with Project - AM	PHF	0.95
Urban Street	Olympic Boulevard	Analysis Year	2025	Analysis Period	1> 7:00
Intersection	Burlington / Olympic	File Name	01AM - Future with Project.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	54	1935	38	45	1121	29	46	189	93	44	71	43

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (*MAH*), s		0.0		0.0		4.3		4.3
Queue Clearance Time (g_s), s						19.9		10.6
Green Extension Time (g_e), s		0.0		0.0		1.3		1.9
Phase Call Probability						1.00		1.00
Max Out Probability						0.37		0.01

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	57	1389	688	47	811	400		345			166	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	469	1900	1880	203	1900	1874		1734			1437	
Queue Service Time (g_s), s	6.6	21.6	21.7	18.1	10.2	10.2		9.3			0.0	
Cycle Queue Clearance Time (g_c), s	16.8	21.6	21.7	39.8	10.2	10.2		17.9			8.6	
Green Ratio (*g/C*)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (*c*), veh/h	317	2371	1173	155	2371	1170		511			435	
Volume-to-Capacity Ratio (*X*)	0.179	0.586	0.587	0.307	0.342	0.342		0.676			0.382	
Back of Queue (*Q*), ft/ln (95 th percentile)	34.5	328.6	338.2	47	176.1	179.6		317.5			149.1	
Back of Queue (*Q*), veh/ln (95 th percentile)	1.4	13.1	13.5	1.9	7.0	7.2		12.7			6.0	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	13.0	11.1	11.2	23.0	9.0	9.0		33.0			29.4	
Incremental Delay (d_2), s/veh	1.2	1.1	2.2	5.1	0.4	0.8		3.5			0.6	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (*d*), s/veh	14.2	12.2	13.3	28.0	9.4	9.8		36.5			29.9	
Level of Service (LOS)	B	B	B	C	A	A		D			C	
Approach Delay, s/veh / LOS	12.6	B		10.2	B		36.5	D		29.9	C	
Intersection Delay, s/veh / LOS	14.7						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.66	B	1.18	A	1.06	A	0.76	A

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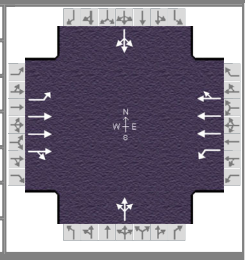
HCS7 Signalized Intersection Results Summary

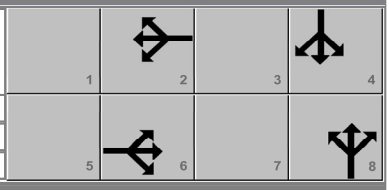
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Jan 21, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Existing - PM	PHF	0.92
Urban Street	Olympic Boulevard	Analysis Year	2020	Analysis Period	1> 17:00
Intersection	Burlington / Olympic	File Name	01PM - Existing.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (v), veh/h	54	1344	28	27	1352	47	75	259	45	51	146	64

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (MAH), s		0.0		0.0		4.4		4.4
Queue Clearance Time (g_s), s						27.8		19.1
Green Extension Time (g_e), s		0.0		0.0		0.0		2.0
Phase Call Probability						1.00		1.00
Max Out Probability						1.00		0.39

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (v), veh/h	59	998	493	29	1020	501		412			284	
Adjusted Saturation Flow Rate (s), veh/h/ln	348	1900	1879	358	1900	1866		1578			1429	
Queue Service Time (g_s), s	10.4	13.4	13.4	4.5	13.8	13.8		8.8			0.0	
Cycle Queue Clearance Time (g_c), s	24.2	13.4	13.4	17.9	13.8	13.8		25.8			17.1	
Green Ratio (g/C)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (c), veh/h	241	2371	1173	248	2371	1164		471			430	
Volume-to-Capacity Ratio (X)	0.243	0.421	0.421	0.118	0.430	0.430		0.875			0.659	
Back of Queue (Q), ft/ln (95 th percentile)	42.6	222	226.3	18.9	227.4	230.7		442.2			268.9	
Back of Queue (Q), veh/ln (95 th percentile)	1.7	8.9	9.1	0.8	9.1	9.2		17.7			10.8	
Queue Storage Ratio (RQ) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	15.9	9.6	9.6	14.2	9.7	9.7		35.9			32.1	
Incremental Delay (d_2), s/veh	2.4	0.6	1.1	1.0	0.6	1.2		16.6			3.7	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (d), s/veh	18.3	10.1	10.7	15.1	10.2	10.8		52.6			35.8	
Level of Service (LOS)	B	B	B	B	B	B		D			D	
Approach Delay, s/veh / LOS	10.6	B		10.5	B		52.6	D		35.8	D	
Intersection Delay, s/veh / LOS	17.0						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.34	A	1.34	A	1.17	A	0.96	A

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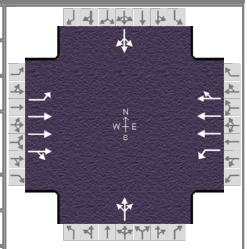
HCS7 Signalized Intersection Results Summary

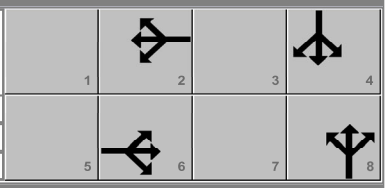
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Jan 21, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Existing with Project - PM	PHF	0.92
Urban Street	Olympic Boulevard	Analysis Year	2020	Analysis Period	1> 17:00
Intersection	Burlington / Olympic	File Name	01PM - Existing with Project.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	54	1355	28	27	1352	47	75	259	48	52	146	64

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (*MAH*), s		0.0		0.0		4.4		4.4
Queue Clearance Time (g_s), s						28.2		19.4
Green Extension Time (g_e), s		0.0		0.0		0.0		1.9
Phase Call Probability						1.00		1.00
Max Out Probability						1.00		0.43

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	59	1006	497	29	1020	501		415			285	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	348	1900	1879	354	1900	1866		1572			1410	
Queue Service Time (g_s), s	10.4	13.5	13.5	4.6	13.8	13.8		8.8			0.0	
Cycle Queue Clearance Time (g_c), s	24.2	13.5	13.5	18.2	13.8	13.8		26.2			17.4	
Green Ratio (*g/C*)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (*c*), veh/h	241	2371	1173	245	2371	1164		469			425	
Volume-to-Capacity Ratio (*X*)	0.243	0.424	0.424	0.120	0.430	0.430		0.885			0.670	
Back of Queue (*Q*), ft/ln (95 th percentile)	42.6	223.9	228.3	19	227.4	230.7		451.2			271.6	
Back of Queue (*Q*), veh/ln (95 th percentile)	1.7	9.0	9.1	0.8	9.1	9.2		18.0			10.9	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	15.9	9.6	9.6	14.3	9.7	9.7		36.1			32.2	
Incremental Delay (d_2), s/veh	2.4	0.6	1.1	1.0	0.6	1.2		18.0			4.0	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (*d*), s/veh	18.3	10.2	10.7	15.3	10.2	10.8		54.1			36.3	
Level of Service (LOS)	B	B	B	B	B	B		D			D	
Approach Delay, s/veh / LOS	10.7	B		10.5	B		54.1	D		36.3	D	
Intersection Delay, s/veh / LOS	17.2						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.35	A	1.34	A	1.17	A	0.96	A

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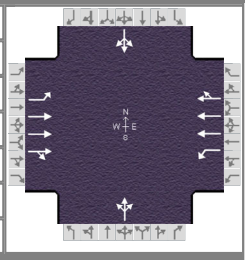
HCS7 Signalized Intersection Results Summary

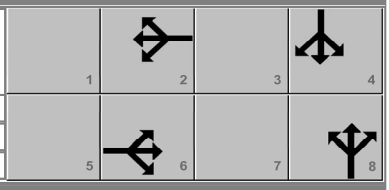
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Feb 25, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Future - PM	PHF	0.92
Urban Street	Olympic Boulevard	Analysis Year	2025	Analysis Period	1> 17:00
Intersection	Burlington / Olympic	File Name	01PM - Future.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	59	1431	29	28	1440	50	79	272	47	54	153	67

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (*MAH*), s		0.0		0.0		4.4		4.4
Queue Clearance Time (g_s), s						29.1		20.9
Green Extension Time (g_e), s		0.0		0.0		0.0		1.8
Phase Call Probability						1.00		1.00
Max Out Probability						1.00		0.64

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	64	1062	525	30	1086	533		433			298	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	317	1900	1880	327	1900	1866		1523			1386	
Queue Service Time (g_s), s	13.4	14.6	14.6	5.4	15.0	15.1		8.2			0.0	
Cycle Queue Clearance Time (g_c), s	28.4	14.6	14.6	19.9	15.0	15.1		27.1			18.9	
Green Ratio (*g/C*)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (*c*), veh/h	222	2371	1173	228	2371	1164		456			419	
Volume-to-Capacity Ratio (*X*)	0.289	0.448	0.448	0.133	0.458	0.458		0.949			0.711	
Back of Queue (*Q*), ft/ln (95 th percentile)	50.7	237.5	242.3	20.6	244	247.7		515.1			289.7	
Back of Queue (*Q*), veh/ln (95 th percentile)	2.0	9.5	9.7	0.8	9.8	9.9		20.6			11.6	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	17.4	9.8	9.8	15.0	9.9	9.9		37.0			32.7	
Incremental Delay (d_2), s/veh	3.3	0.6	1.2	1.2	0.6	1.3		29.5			5.6	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (*d*), s/veh	20.6	10.4	11.0	16.2	10.5	11.2		66.5			38.3	
Level of Service (LOS)	C	B	B	B	B	B		E			D	
Approach Delay, s/veh / LOS	11.0	B		10.9	B		66.5	E		38.3	D	
Intersection Delay, s/veh / LOS	18.9						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.40	A	1.40	A	1.20	A	0.98	A

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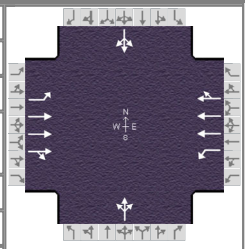
HCS7 Signalized Intersection Results Summary

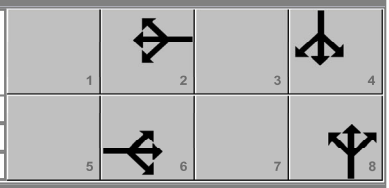
General Information				Intersection Information	
Agency	Linscott, Law & Greenspan			Duration, h	0.250
Analyst	JAS	Analysis Date	Feb 25, 2021	Area Type	Other
Jurisdiction	City of Los Angeles	Time Period	Future with Project - PM	PHF	0.92
Urban Street	Olympic Boulevard	Analysis Year	2025	Analysis Period	1> 17:00
Intersection	Burlington / Olympic	File Name	01PM - Future with Project.xus		
Project Description	Rise Kohyang Middle School				



Demand Information	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Demand (*v*), veh/h	59	1442	29	28	1440	50	79	272	50	55	153	67

Signal Information			
Cycle, s	100.0	Reference Phase	2
Offset, s	0	Reference Point	End
Uncoordinated	No	Simult. Gap E/W	On
Force Mode	Fixed	Simult. Gap N/S	On

Green	62.4	27.1	0.0	0.0	0.0	0.0
Yellow	3.9	3.2	0.0	0.0	0.0	0.0
Red	1.7	1.7	0.0	0.0	0.0	0.0



Timer Results	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Assigned Phase		6		2		8		4
Case Number		6.0		6.0		8.0		8.0
Phase Duration, s		68.0		68.0		32.0		32.0
Change Period, ($Y+R_c$), s		5.6		5.6		4.9		4.9
Max Allow Headway (*MAH*), s		0.0		0.0		4.4		4.4
Queue Clearance Time (g_s), s						29.1		21.2
Green Extension Time (g_e), s		0.0		0.0		0.0		1.7
Phase Call Probability						1.00		1.00
Max Out Probability						1.00		0.69

Movement Group Results	EB			WB			NB			SB		
Approach Movement	L	T	R	L	T	R	L	T	R	L	T	R
Assigned Movement	1	6	16	5	2	12	3	8	18	7	4	14
Adjusted Flow Rate (*v*), veh/h	64	1070	529	30	1086	533		436			299	
Adjusted Saturation Flow Rate (*s*), veh/h/ln	317	1900	1880	323	1900	1866		1519			1376	
Queue Service Time (g_s), s	13.4	14.7	14.7	5.4	15.0	15.1		7.9			0.0	
Cycle Queue Clearance Time (g_c), s	28.4	14.7	14.7	20.2	15.0	15.1		27.1			19.2	
Green Ratio (*g/C*)	0.62	0.62	0.62	0.62	0.62	0.62		0.27			0.27	
Capacity (*c*), veh/h	222	2371	1173	226	2371	1164		455			416	
Volume-to-Capacity Ratio (*X*)	0.289	0.451	0.451	0.135	0.458	0.458		0.959			0.718	
Back of Queue (*Q*), ft/ln (95 th percentile)	50.7	239.5	244.4	20.8	244	247.7		526.9			292.4	
Back of Queue (*Q*), veh/ln (95 th percentile)	2.0	9.6	9.8	0.8	9.8	9.9		21.1			11.7	
Queue Storage Ratio (*RQ*) (95 th percentile)	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	
Uniform Delay (d_1), s/veh	17.4	9.8	9.8	15.1	9.9	9.9		37.2			32.8	
Incremental Delay (d_2), s/veh	3.3	0.6	1.3	1.2	0.6	1.3		31.7			5.9	
Initial Queue Delay (d_3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0		0.0			0.0	
Control Delay (*d*), s/veh	20.6	10.5	11.1	16.4	10.5	11.2		68.9			38.7	
Level of Service (LOS)	C	B	B	B	B	B		E			D	
Approach Delay, s/veh / LOS	11.1	B		10.9	B		68.9	E		38.7	D	
Intersection Delay, s/veh / LOS	19.2						B					

Multimodal Results	EB		WB		NB		SB	
Pedestrian LOS Score / LOS	1.72	B	1.72	B	2.60	C	2.60	C
Bicycle LOS Score / LOS	1.40	A	1.40	A	1.21	A	0.98	A

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HCS7 Two-Way Stop-Control Report

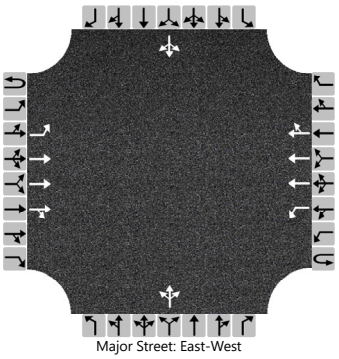
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	1/22/2021
Analysis Year	2020
Time Analyzed	Existing - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	50	1781	17	0	7	1059	65		10	2	20		22	3	46
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		54				8					35				77	
Capacity, c (veh/h)		303				130					42				93	
v/c Ratio		0.18				0.06					0.83				0.83	
95% Queue Length, Q_{95} (veh)		0.6				0.2					3.2				4.5	
Control Delay (s/veh)		19.5				34.3					233.4				131.8	
Level of Service (LOS)		C				D					F				F	
Approach Delay (s/veh)	0.5				0.2				233.4				131.8			
Approach LOS									F				F			

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HCS7 Two-Way Stop-Control Report

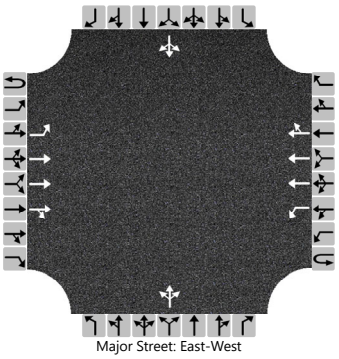
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/26/2021
Analysis Year	2020
Time Analyzed	Existing + Project - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	50	1852	168	0	91	1059	65		10	2	20		22	3	46
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		54				99					35				77	
Capacity, c (veh/h)		303				98										
v/c Ratio		0.18				1.01										
95% Queue Length, Q_{95} (veh)		0.6				6.1										
Control Delay (s/veh)		19.5				172.8										
Level of Service (LOS)		C				F										
Approach Delay (s/veh)	0.5				12.9											
Approach LOS																

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HCS7 Two-Way Stop-Control Report

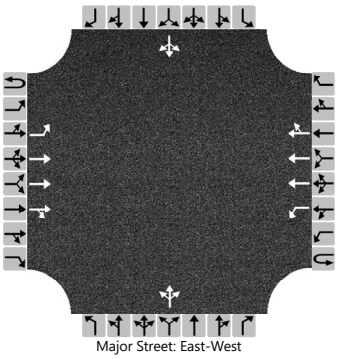
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/25/2021
Analysis Year	2025
Time Analyzed	Future - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	55	1897	18	0	7	1134	70		11	2	21		27	3	52
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		60				8					37				89	
Capacity, c (veh/h)		274				112					31				70	
v/c Ratio		0.22				0.07					1.19				1.27	
95% Queue Length, Q_{95} (veh)		0.8				0.2					4.1				7.1	
Control Delay (s/veh)		21.7				39.4					416.6				300.3	
Level of Service (LOS)		C				E					F				F	
Approach Delay (s/veh)	0.6				0.2				416.6				300.3			
Approach LOS									F				F			

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HCS7 Two-Way Stop-Control Report

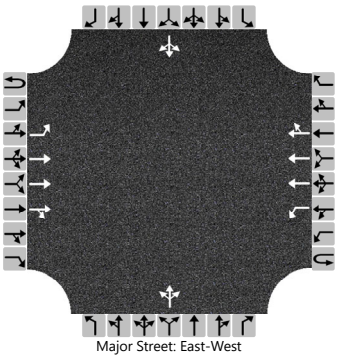
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/26/2021
Analysis Year	2025
Time Analyzed	Future + Project - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	55	1968	169	0	91	1134	70		11	2	21		27	3	52
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		60				99					37				89	
Capacity, c (veh/h)		274				84										
v/c Ratio		0.22				1.17										
95% Queue Length, Q_{95} (veh)		0.8				7.1										
Control Delay (s/veh)		21.7				241.8										
Level of Service (LOS)		C				F										
Approach Delay (s/veh)	0.5				17.0											
Approach LOS																

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HCS7 Two-Way Stop-Control Report

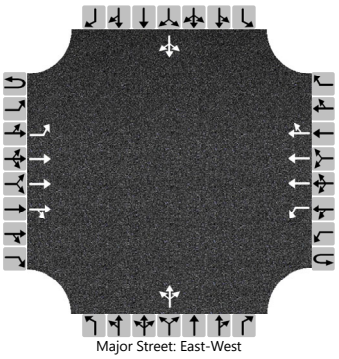
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	1/22/2021
Analysis Year	2020
Time Analyzed	Existing - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	65	1345	30	0	10	1369	87		7	2	20		21	3	50
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		71				11					32				80	
Capacity, c (veh/h)		201				222					51				77	
v/c Ratio		0.35				0.05					0.62				1.05	
95% Queue Length, Q_{95} (veh)		1.5				0.2					2.4				5.7	
Control Delay (s/veh)		32.4				22.0					154.8				211.1	
Level of Service (LOS)		D				C					F				F	
Approach Delay (s/veh)	1.5				0.2				154.8				211.1			
Approach LOS									F				F			

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HCS7 Two-Way Stop-Control Report

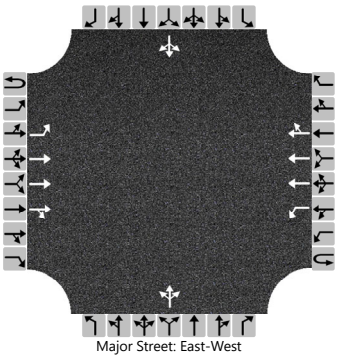
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	1/22/2021
Analysis Year	2020
Time Analyzed	Existing + Project - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	65	1367	60	0	23	1369	87		7	2	20		21	3	50
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		71				25					32				80	
Capacity, c (veh/h)		201				208					35				66	
v/c Ratio		0.35				0.12					0.91				1.22	
95% Queue Length, Q_{95} (veh)		1.5				0.4					3.2				6.5	
Control Delay (s/veh)		32.4				24.7					294.4				291.2	
Level of Service (LOS)		D				C					F				F	
Approach Delay (s/veh)	1.4				0.4				294.4				291.2			
Approach LOS									F				F			

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HCS7 Two-Way Stop-Control Report

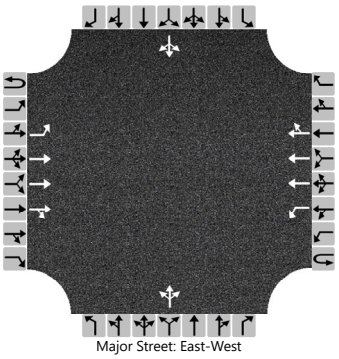
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/25/2021
Analysis Year	2025
Time Analyzed	Future - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	72	1428	32	0	11	1455	95		7	2	21		25	3	56
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		78				12					33				91	
Capacity, c (veh/h)		178				200					36				55	
v/c Ratio		0.44				0.06					0.90				1.68	
95% Queue Length, Q_{95} (veh)		2.0				0.2					3.3				8.6	
Control Delay (s/veh)		40.1				24.2					284.0				492.9	
Level of Service (LOS)		E				C					F				F	
Approach Delay (s/veh)	1.9				0.2				284.0				492.9			
Approach LOS									F				F			

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HCS7 Two-Way Stop-Control Report

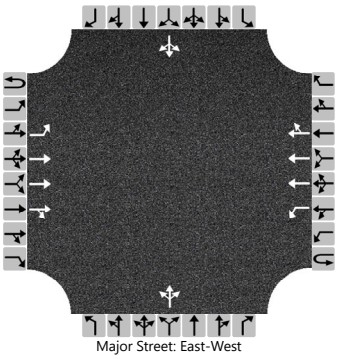
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/25/2021
Analysis Year	2025
Time Analyzed	Future + Project - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / Olympic
Jurisdiction	City of Los Angeles
East/West Street	Olympic Boulevard
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	3	0	0	1	3	0		0	1	0		0	1	0
Configuration		L	T	TR		L	T	TR			LTR				LTR	
Volume (veh/h)	0	72	1450	62	0	24	1455	95		7	2	21		25	3	56
Percent Heavy Vehicles (%)	3	3			3	3				3	3	3		3	3	3
Proportion Time Blocked																
Percent Grade (%)									0				0			
Right Turn Channelized																
Median Type | Storage	Left Only								5							

Critical and Follow-up Headways

Base Critical Headway (sec)		5.3				5.3				6.4	6.5	7.1		6.4	6.5	7.1
Critical Headway (sec)		5.36				5.36				6.46	6.56	7.16		6.46	6.56	7.16
Base Follow-Up Headway (sec)		3.1				3.1				3.8	4.0	3.9		3.8	4.0	3.9
Follow-Up Headway (sec)		3.13				3.13				3.83	4.03	3.93		3.83	4.03	3.93

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		78				26					33				91	
Capacity, c (veh/h)		178				187									29	
v/c Ratio		0.44				0.14									3.14	
95% Queue Length, Q_{95} (veh)		2.0				0.5									10.9	
Control Delay (s/veh)		40.1				27.3									1247.1	
Level of Service (LOS)		E				D									F	
Approach Delay (s/veh)	1.8				0.4								1247.1			
Approach LOS													F			

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HCS7 Two-Way Stop-Control Report

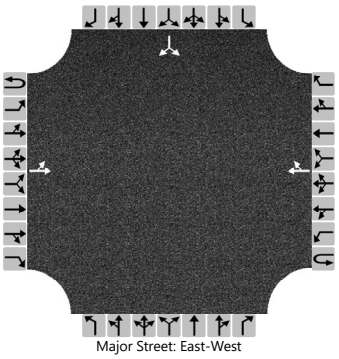
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	1/22/2021
Analysis Year	2020
Time Analyzed	Existing - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		8	217				157	24						11		16
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		9													29	
Capacity, c (veh/h)		1370													711	
v/c Ratio		0.01													0.04	
95% Queue Length, Q_{95} (veh)		0.0													0.1	
Control Delay (s/veh)		7.6													10.3	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												10.3			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

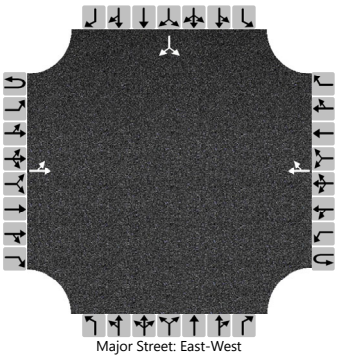
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/26/2021
Analysis Year	2020
Time Analyzed	Existing + Project - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		8	217				157	24						11		64
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		9													82	
Capacity, c (veh/h)		1370													798	
v/c Ratio		0.01													0.10	
95% Queue Length, Q_{95} (veh)		0.0													0.3	
Control Delay (s/veh)		7.6													10.0	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												10.0			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

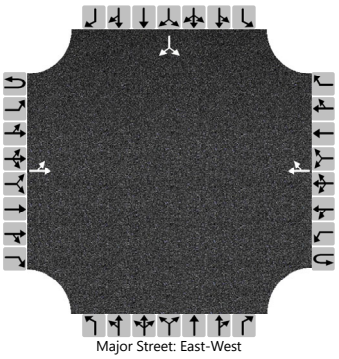
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/25/2021
Analysis Year	2025
Time Analyzed	Future - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		8	230				168	25						12		17
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		9													32	
Capacity, c (veh/h)		1355													691	
v/c Ratio		0.01													0.05	
95% Queue Length, Q_{95} (veh)		0.0													0.1	
Control Delay (s/veh)		7.7													10.5	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												10.5			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

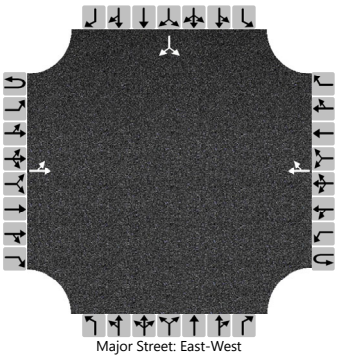
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/26/2021
Analysis Year	2025
Time Analyzed	Future + Project - AM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		8	230				168	25						12		65
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		9													84	
Capacity, c (veh/h)		1355													778	
v/c Ratio		0.01													0.11	
95% Queue Length, Q_{95} (veh)		0.0													0.4	
Control Delay (s/veh)		7.7													10.2	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												10.2			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

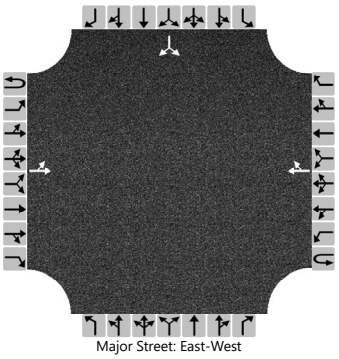
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	1/22/2021
Analysis Year	2020
Time Analyzed	Existing - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		7	253				198	22						17		26
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		8													47	
Capacity, c (veh/h)		1322													659	
v/c Ratio		0.01													0.07	
95% Queue Length, Q_{95} (veh)		0.0													0.2	
Control Delay (s/veh)		7.7													10.9	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												10.9			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

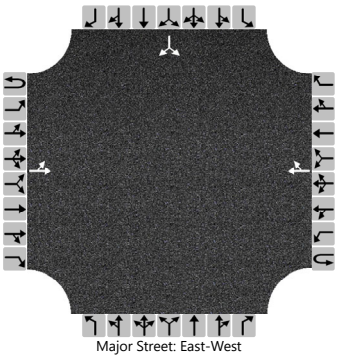
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	1/22/2021
Analysis Year	2020
Time Analyzed	Existing + Project - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		7	253				198	22						16		40
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		8													61	
Capacity, c (veh/h)		1322													695	
v/c Ratio		0.01													0.09	
95% Queue Length, Q_{95} (veh)		0.0													0.3	
Control Delay (s/veh)		7.7													10.7	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												10.7			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

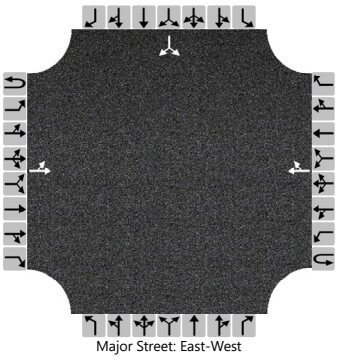
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/25/2021
Analysis Year	2025
Time Analyzed	Future - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		7	268				222	23						18		27
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		8													49	
Capacity, c (veh/h)		1292													628	
v/c Ratio		0.01													0.08	
95% Queue Length, Q_{95} (veh)		0.0													0.3	
Control Delay (s/veh)		7.8													11.2	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												11.2			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

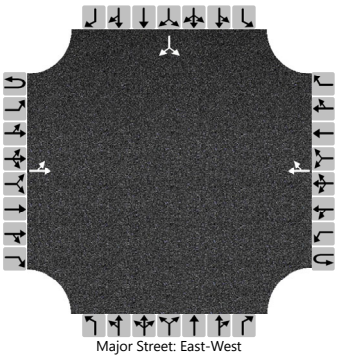
General Information

Analyst	JAS
Agency/Co.	Linscott, Law & Greenspan
Date Performed	2/25/2021
Analysis Year	2025
Time Analyzed	Future + Project - PM
Intersection Orientation	East-West
Project Description	Rise Kohyang Middle School

Site Information

Intersection	Beacon / 11th
Jurisdiction	City of Los Angeles
East/West Street	11th Street
North/South Street	Beacon Avenue
Peak Hour Factor	0.92
Analysis Time Period (hrs)	0.25

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	0	1	0	0	0	1	0		0	0	0		0	1	0
Configuration		LT						TR							LR	
Volume (veh/h)		7	268				222	23						18		42
Percent Heavy Vehicles (%)		3												3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1												7.1		6.2
Critical Headway (sec)		4.13												6.43		6.23
Base Follow-Up Headway (sec)		2.2												3.5		3.3
Follow-Up Headway (sec)		2.23												3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		8													65	
Capacity, c (veh/h)		1292													660	
v/c Ratio		0.01													0.10	
95% Queue Length, Q_{95} (veh)		0.0													0.3	
Control Delay (s/veh)		7.8													11.0	
Level of Service (LOS)		A													B	
Approach Delay (s/veh)	0.3												11.0			
Approach LOS													B			

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APPENDIX F

LADOT TRAFFIC SIGNAL WARRANT WORKSHEETS

Traffic Signal Warrants Worksheet

EXISTING

DATE 1/28/2021

CALC JAS

CHK

Major St: Olympic Boulevard

Minor St: Beacon Avenue

Critical Approach Speed 35 mph

or

Speed Limit 35 mph

Speed limit or critical speed on major street traffic > 40 mph..... ☐

or

In built up area of isolated community of < 10,000 population..... ☐

} RURAL (R)

☑ URBAN (U)

WARRANT 1 - Eight Hour Vehicular Volume

SATISFIED YES ☐ NO ☐

a. Condition A or Condition B or combination of A and B must be satisfied.

b. 6 hour manual count may be used in lieu of 8 hour count.

c. In applying each condition, the major street and minor street volumes shall be for the same hours. On the minor street, the higher volume does not need to be the same approach during end of the hours.

d. A reduction for right turning vehicles that turn within 45 seconds may be applied.

e. Figure 4C-103(CA) should be used for new intersections or where it is not reasonable to use current traffic volumes.

f. See Section 4C.102(CA) for bicycle signal guidelines.

Condition A - Minimum Vehicle Volume

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	500 (400)	350 (280)	600 (480)	420 (336)									
Highest Approach Minor Street	150 (120)	105 (84)	200 (160)	140 (112)									

Condition B - Interruption of Continuous Traffic

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	750 (600)	525 (420)	900 (720)	630 (504)									
Highest Approach Minor Street	75 (60)	53 (42)	100 (80)	70 (56)									

Traffic Signal Warrants Worksheet

EXISTING

WARRANT 3 - Peak Hour	SATISFIED YES ☐ NO ☒

a. Part A or Part B must be satisfied.

b. A reduction for right turning vehicle that turn within 45 seconds may be applied.

c. Estimated Average Daily Traffic may be used for new intersections, significantly reconstructed intersections, or where near-term land development will result in increased volumes.

d. See Section 4C.102(CA) for bicycle signal guidelines.

PART A SATISFIED YES ☐ NO ☐

(All parts 1, 2, and 3 below must be satisfied for the same one hour, for any four consecutive 15-minute periods)

1. The total delay experienced by traffic on one minor street approach (one direction only) controlled by a STOP sign equals or exceeds four vehicle-hours for a one-lane approach, or five vehicle-hours for a two-lane approach; AND	Yes ☐ No ☐
2. The volume on the same minor street approach (one direction only) equals or exceeds 100 vph for one moving lane of traffic or 150 vph for two moving lanes; AND	Yes ☐ No ☐
3. The total entering volume serviced during the hour equals or exceeds 800 vph for intersections with four or more approaches or 650 vph for intersections with three approaches.	Yes ☐ No ☐

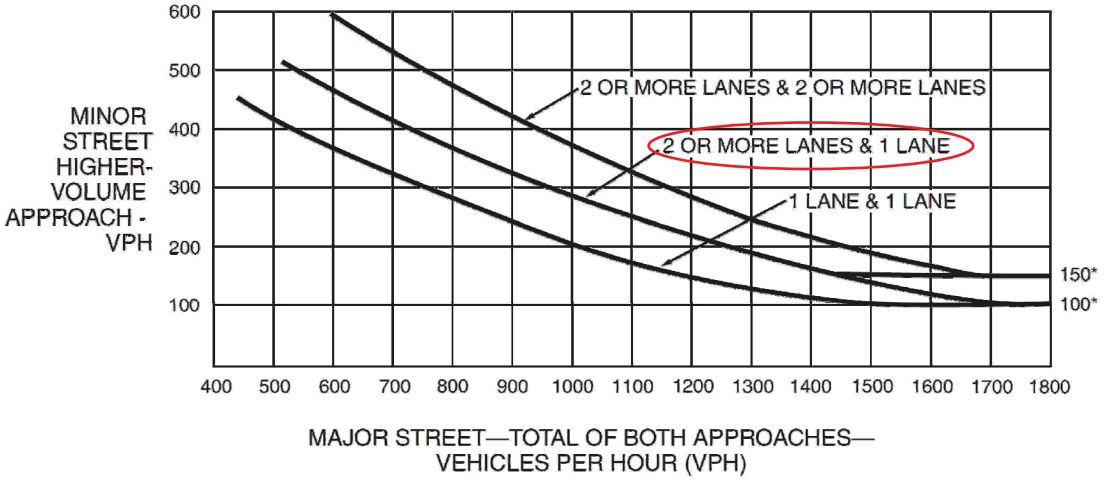
PART B SATISFIED YES ☐ NO ☒

APPROACH LANES	One	2 or More	A AM / Hour
Both Approaches - Major Street		✓	2979
Higher Approach - Minor Street	✓		71

The plotted point falls above the applicable curve in Figure 4C-3. (URBAN AREAS)	Yes ☐ No ☒
OR, The plotted point falls above the applicable curve in Figure 4C-4. (RURAL AREAS)	Yes ☐ No ☐

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-3. Warrant 3, Peak Hour



A

*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

LADOT

Traffic Signal Warrants Worksheet

EXISTING WITH PROJECT

DATE 1/28/2021

CALC JAS

CHK

Major St: Olympic Boulevard

Minor St: Beacon Avenue

Critical Approach Speed 35 mph

or

Speed Limit 35 mph

Speed limit or critical speed on major street traffic > 40 mph..... ☐

or

In built up area of isolated community of < 10,000 population..... ☐

} RURAL (R)

☑ URBAN (U)

WARRANT 1 - Eight Hour Vehicular Volume SATISFIED YES ☐ NO ☐

a. Condition A or Condition B or combination of A and B must be satisfied.

b. 6 hour manual count may be used in lieu of 8 hour count.

c. In applying each condition, the major street and minor street volumes shall be for the same hours. On the minor street, the higher volume does not need to be the same approach during end of the hours.

d. A reduction for right turning vehicles that turn within 45 seconds may be applied.

e. Figure 4C-103(CA) should be used for new intersections or where it is not reasonable to use current traffic volumes.

f. See Section 4C.102(CA) for bicycle signal guidelines.

Condition A - Minimum Vehicle Volume

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	500 (400)	350 (280)	600 (480)	420 (336)									
Highest Approach Minor Street	150 (120)	105 (84)	200 (160)	140 (112)									

Condition B - Interruption of Continuous Traffic

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	750 (600)	525 (420)	900 (720)	630 (504)									
Highest Approach Minor Street	75 (60)	53 (42)	100 (80)	70 (56)									

LADOT

Traffic Signal Warrants Worksheet

EXISTING WITH PROJECT

WARRANT 3 - Peak Hour

SATISFIED YES ☐ NO ☒

a. Part A or Part B must be satisfied.

b. A reduction for right turning vehicle that turn within 45 seconds may be applied.

c. Estimated Average Daily Traffic may be used for new intersections, significantly reconstructed intersections, or where near-term land development will result in increased volumes.

d. See Section 4C.102(CA) for bicycle signal guidelines.

PART A

SATISFIED YES ☐ NO ☐

(All parts 1, 2, and 3 below must be satisfied for the same one hour, for any four consecutive 15-minute periods)

1. The total delay experienced by traffic on one minor street approach (one direction only) controlled by a STOP sign equals or exceeds four vehicle-hours for a one-lane approach, or five vehicle-hours for a two-lane approach; AND	Yes ☐ No ☐
2. The volume on the same minor street approach (one direction only) equals or exceeds 100 vph for one moving lane of traffic or 150 vph for two moving lanes; AND	Yes ☐ No ☐
3. The total entering volume serviced during the hour equals or exceeds 800 vph for intersections with four or more approaches or 650 vph for intersections with three approaches.	Yes ☐ No ☐

PART B

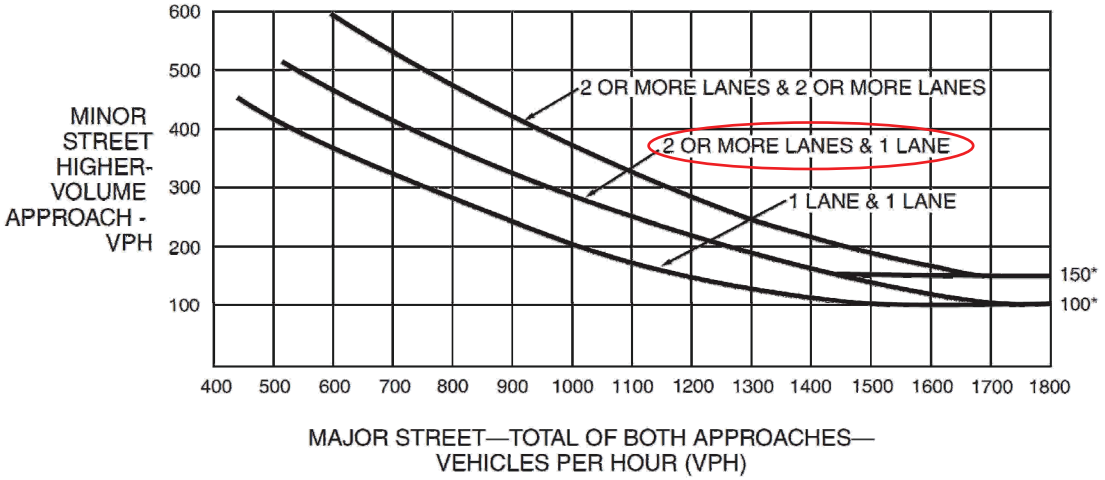
SATISFIED YES ☐ NO ☒

APPROACH LANES	One	2 or More	A AM / Hour
Both Approaches - Major Street		✓	3285
Higher Approach - Minor Street	✓		71

The plotted point falls above the applicable curve in Figure 4C-3. (URBAN AREAS)	Yes ☐ No ☒
OR, The plotted point falls above the applicable curve in Figure 4C-4. (RURAL AREAS)	Yes ☐ No ☐

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-3. Warrant 3, Peak Hour



A

*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Traffic Signal Warrants Worksheet

FUTURE

DATE 3/1/2021

CALC JAS

CHK

Major St: Olympic Boulevard

Minor St: Beacon Avenue

Critical Approach Speed 35 mph

or

Speed Limit 35 mph

Speed limit or critical speed on major street traffic > 40 mph..... ☐

or

In built up area of isolated community of < 10,000 population..... ☐

} RURAL (R)

☑ URBAN (U)

WARRANT 1 - Eight Hour Vehicular Volume **SATISFIED YES ☐ NO ☐**

a. Condition A or Condition B or combination of A and B must be satisfied.

b. 6 hour manual count may be used in lieu of 8 hour count.

c. In applying each condition, the major street and minor street volumes shall be for the same hours. On the minor street, the higher volume does not need to be the same approach during end of the hours.

d. A reduction for right turning vehicles that turn within 45 seconds may be applied.

e. Figure 4C-103(CA) should be used for new intersections or where it is not reasonable to use current traffic volumes.

f. See Section 4C.102(CA) for bicycle signal guidelines.

Condition A - Minimum Vehicle Volume

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	500 (400)	350 (280)	600 (480)	420 (336)									
Highest Approach Minor Street	150 (120)	105 (84)	200 (160)	140 (112)									

Condition B - Interruption of Continuous Traffic

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	750 (600)	525 (420)	900 (720)	630 (504)									
Highest Approach Minor Street	75 (60)	53 (42)	100 (80)	70 (56)									

Traffic Signal Warrants Worksheet

FUTURE

WARRANT 3 - Peak Hour

SATISFIED YES ☐ NO ☒

a. Part A or Part B must be satisfied.

b. A reduction for right turning vehicle that turn within 45 seconds may be applied.

c. Estimated Average Daily Traffic may be used for new intersections, significantly reconstructed intersections, or where near-term land development will result in increased volumes.

d. See Section 4C.102(CA) for bicycle signal guidelines.

PART A

SATISFIED YES ☐ NO ☐

(All parts 1, 2, and 3 below must be satisfied for the same one hour, for any four consecutive 15-minute periods)

1. The total delay experienced by traffic on one minor street approach (one direction only) controlled by a STOP sign equals or exceeds four vehicle-hours for a one-lane approach, or five vehicle-hours for a two-lane approach; AND	Yes ☐	No ☐
2. The volume on the same minor street approach (one direction only) equals or exceeds 100 vph for one moving lane of traffic or 150 vph for two moving lanes; AND	Yes ☐	No ☐
3. The total entering volume serviced during the hour equals or exceeds 800 vph for intersections with four or more approaches or 650 vph for intersections with three approaches.	Yes ☐	No ☐

PART B

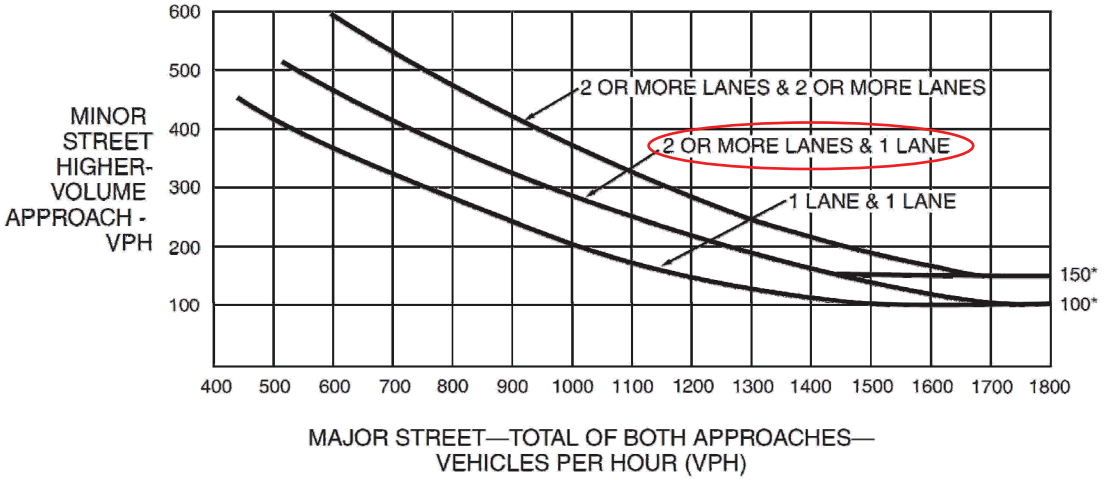
SATISFIED YES ☐ NO ☒

APPROACH LANES	One	2 or More	A AM / Hour
Both Approaches - Major Street		✓	3181
Higher Approach - Minor Street	✓		82

The plotted point falls above the applicable curve in Figure 4C-3. (URBAN AREAS)	Yes ☐	No ☒
OR, The plotted point falls above the applicable curve in Figure 4C-4. (RURAL AREAS)	Yes ☐	No ☐

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-3. Warrant 3, Peak Hour



A

*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Traffic Signal Warrants Worksheet

FUTURE WITH PROJECT

DATE 3/1/2021

CALC JAS

CHK

Major St: Olympic Boulevard

Minor St: Beacon Avenue

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or

Speed Limit 35 mph

Speed limit or critical speed on major street traffic > 40 mph..... ☐

or

In built up area of isolated community of < 10,000 population..... ☐

RURAL (R)

☑ URBAN (U)

WARRANT 1 - Eight Hour Vehicular Volume

SATISFIED YES ☐ NO ☐

a. Condition A or Condition B or combination of A and B must be satisfied.

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d. A reduction for right turning vehicles that turn within 45 seconds may be applied.

e. Figure 4C-103(CA) should be used for new intersections or where it is not reasonable to use current traffic volumes.

f. See Section 4C.102(CA) for bicycle signal guidelines.

Condition A - Minimum Vehicle Volume

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	500 (400)	350 (280)	600 (480)	420 (336)									
Highest Approach Minor Street	150 (120)	105 (84)	200 (160)	140 (112)									

Condition B - Interruption of Continuous Traffic

100% SATISFIED YES ☐ NO ☐

80% SATISFIED YES ☐ NO ☐

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												Hour
	U	R	U	R									
APPROACH LANES	1		2 or More										
Both Approaches Major Street	750 (600)	525 (420)	900 (720)	630 (504)									
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LADOT

Traffic Signal Warrants Worksheet

FUTURE WITH PROJECT

WARRANT 3 - Peak Hour

SATISFIED YES ☐ NO ☒

a. Part A or Part B must be satisfied.

b. A reduction for right turning vehicle that turn within 45 seconds may be applied.

c. Estimated Average Daily Traffic may be used for new intersections, significantly reconstructed intersections, or where near-term land development will result in increased volumes.

d. See Section 4C.102(CA) for bicycle signal guidelines.

PART A

SATISFIED YES ☐ NO ☐

(All parts 1, 2, and 3 below must be satisfied for the same one hour, for any four consecutive 15-minute periods)

1. The total delay experienced by traffic on one minor street approach (one direction only) controlled by a STOP sign equals or exceeds four vehicle-hours for a one-lane approach, or five vehicle-hours for a two-lane approach; AND	Yes ☐	No ☐
2. The volume on the same minor street approach (one direction only) equals or exceeds 100 vph for one moving lane of traffic or 150 vph for two moving lanes; AND	Yes ☐	No ☐
3. The total entering volume serviced during the hour equals or exceeds 800 vph for intersections with four or more approaches or 650 vph for intersections with three approaches.	Yes ☐	No ☐

PART B

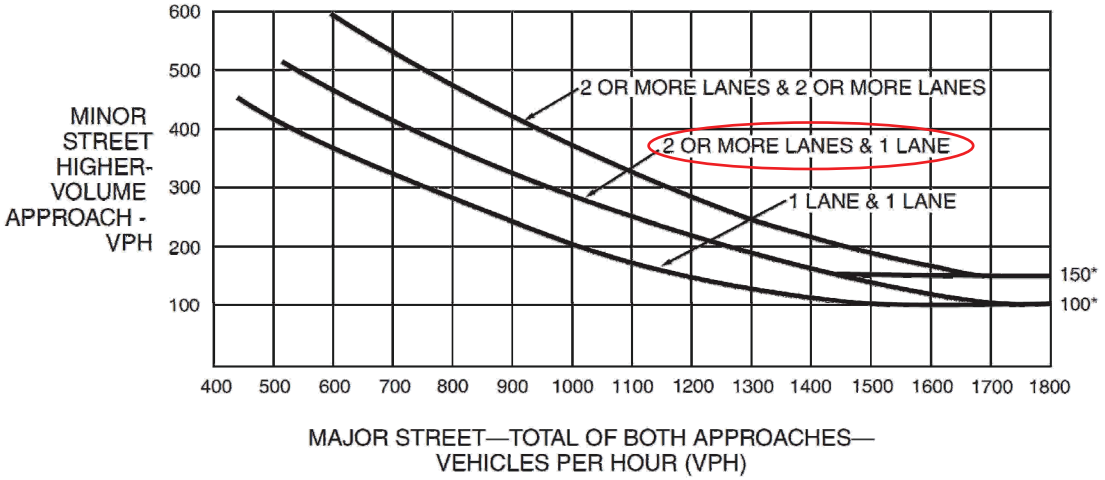
SATISFIED YES ☐ NO ☒

APPROACH LANES	One	2 or More	A AM / Hour
Both Approaches - Major Street		✓	3487
Higher Approach - Minor Street	✓		82

The plotted point falls above the applicable curve in Figure 4C-3. (URBAN AREAS)	Yes ☐	No ☒
OR, The plotted point falls above the applicable curve in Figure 4C-4. (RURAL AREAS)	Yes ☐	No ☐

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-3. Warrant 3, Peak Hour



A

*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.